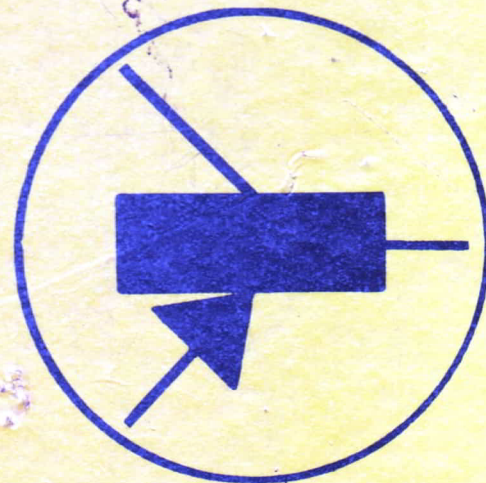
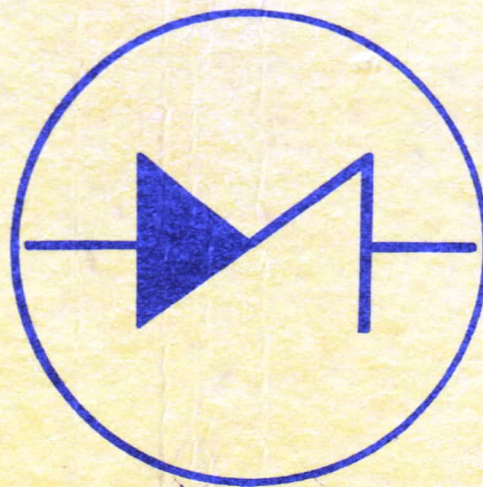
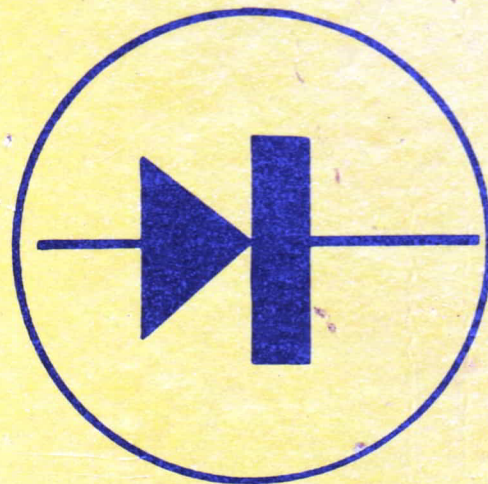
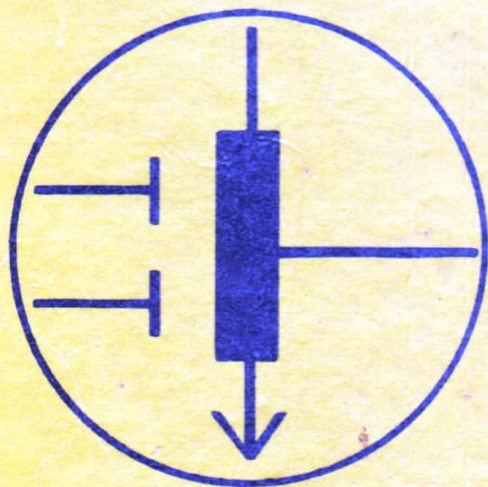


H. SCHREIBER

GUIDA MONDIALE DEI SEMICONDUTTORI

CARATTERISTICHE
EQUIVALENZE
E FUNZIONI.



Traduzione del

Dott. ROMANO ROSATI

SESTA EDIZIONE

EDIZIONI C.E.L.I. BOLOGNA

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INTRODUZIONE

Per la sua concezione e la sua presentazione, questa opera può essere considerata, nel campo dei semiconduttori, la equivalente di altre opere sui tubi elettronici, le quali costituiscono mezzi indispensabili per tutti coloro che lavorano nel campo della radio e dell'elettronica, oltre che nel campo della teoria pura. La presente Guida contiene solo informazioni di carattere essenzialmente pratico: non sono riportate né curve caratteristiche né parametri dei quadripoli.

I semiconduttori descritti sono quelli per i quali i fabbricanti comunicano le caratteristiche dettagliate e che inoltre si trovano realmente in commercio, o almeno fanno parte degli schemi pubblicati dai fabbricanti di apparati. In alcuni casi si tratta di caratteristiche ancora provvisorie, le quali possono subire modifiche.

Di tali modifiche sarà tenuto conto nelle edizioni successive dell'opera.

Molto spesso, due o più semiconduttori aventi **numeri di indicazione consecutivi** differiscono solo per una caratteristica. In questi casi, tutta la famiglia dei tipi si trova, generalmente, rappresentata su una stessa riga e nella colonna « Osservazioni » sono precisate con segni di riferimento le differenze di caratteristiche. Se per esempio la colonna « Tipo » contiene una dizione come « BCY 30, 1*, 2 », ciò significa

che le caratteristiche dei transistori BCY 30, BCY 31 e BCY 32 sono state riepilogate sulla stessa riga. Nel caso di questo esempio, i transistori differiscono solo per il guadagno di corrente e nella colonna « Osservazioni » si troveranno le annotazioni $\beta = 13 \dots 55$, $\beta = 17 \dots 70$. Si capirà facilmente che la prima di queste indicazioni si riferisce al tipo BCY 31 e la seconda al tipo BCY 32.

A meno di notazioni particolari nella colonna « Osservazioni », due o più transistori indicati nella stessa riga senza segno di riferimento (come ad esempio 2 N 389, A, ossia 2 N 389 e 2 N 389 A) non differiscono per le caratteristiche riportate nella Guida ma, spesso, essi differiscono per la forma della custodia, per prove climatiche e meccaniche, per la corrente residua oppure per la tensione di saturazione.

Si tenga presente che una dizione come 2 N 444, 5 A significa 2 N 444 A e 2 N 445 A.

Il **fabbricante** indicato nella colonna corrispondente è quello la cui documentazione è servita per la compilazione dei dati riportati in questo libro; non è però necessariamente il solo che produce quel dato tipo di transistor. Qualche volta le caratteristiche di uno stesso tipo, indicate dai diversi fabbricanti, presentano differenze non trascurabili. In questi casi sono specificate le principali differenze.

Transistori bipolari a giunzione.

La definizione delle caratteristiche menzionate per i transistori a giunzione è riportata nella tabella riprodotta alla fine del volume, sulla terza pagina di copertina. Questa tabella corrisponde esattamente ad una pagina della Guida, con la sola differenza che al posto dei valori sono indicate le informazioni corrispondenti alle diverse colonne, oltre al significato delle abbreviazioni usate.

Nella prima colonna delle tabelle caratteristiche si trova, per ogni tipo, un numero (da 11 a 99) che indica la tabella della **classificazione secondo le funzioni** (pagina 90) dove si troveranno i tipi di caratteristiche analoghe.

Queste tabelle sono numerate secondo il codice seguente:

PRIMA CIFRA Dissipazione massima P_{DM}	SECONDA CIFRA Tensione massima di collettore V_{CM}
1 0...50 mW	1 0...9 V
2 51...150 mW	2 9...15 V
3 151...500 mW	3 16...25 V
4 0,51...1,5 W	4 26...40 V
5 1,51...5 W	5 41...60 V
6 5,1...15 W	6 61...90 V
7 15,1...50 W	7 91...150 V
8 51...150 W	8 151...250 V
9 > 150 W	9 > 250 V

Se due transistori, indicati sulla stessa riga, differiscono fra loro per la tensione massima di collettore, nella tabella ciò può essere indicato da una dizione come « 33/4 », che

significa che il primo dei due transistori figura nella Tabella 33 e il secondo nella Tabella 34.

I tipi preceduti del segno + (colonna « Tecnologia ») sono sconsigliati dai fabbricanti per l'impiego in realizzazioni nuove e non sono riportati nella classificazione secondo le funzioni.

Internamente ad ogni tabella di questa classificazione si trovano dapprima i dispositivi p-n-p al germanio, poi quelli n-p-n al germanio, poi quelli p-n-p al silicio e infine quelli n-p-n al silicio.

I tipi per bassa frequenza (BF) sono classificati in ordine crescente di guadagno di corrente. I tipi per radiofrequenza (HF) sono classificati in ordine crescente di frequenza di taglio (f_t). Siccome non tutte le caratteristiche appaiono nella classificazione per funzioni, qualche volta sarà necessario consultare la classificazione generale per i dati complementari.

Se non si trova il tipo desiderato, nè la tabella corrispondente alle caratteristiche che si desiderano, generalmente è possibile utilizzare un tipo la cui potenza dissipata o la tensione massima di collettore siano più alte. Così, i transistori che figurano nella Tabella 13 possono essere frequentemente sostituiti con quelli della Tabella 14 (tensione maggiore), della Tabella 23 (potenza maggiore) o della Tabella 24 (potenza e tensioni maggiori), ma non con quelli riportati nella Tabella 22 o 32 (potenza maggiore ma tensione minore). In altri termini, non basta che il **numero** sia superiore; occorre anche che ciascuna delle **cifre** sia superiore.

Dato che coloro che utilizzano questa Guida non hanno generalmente la possibilità di acquistare **transistori giapponesi**, ma solamente dovranno sostituirli durante la riparazione, sono indicate (pagina 129) solo le caratteristiche necessarie per la sostituzione.

I transistori giapponesi (la loro denominazione comincia

sempre con 2 SA..., 2 SB..., 2 SC..., 2 SD...) costituiscono perciò l'oggetto di una tabella speciale (pag. 129) che fornisce solo le indicazioni utili per le sostituzioni e qualche caratteristica essenziale.

Siccome, nel caso di transistori a giunzione, è sempre relativamente facile individuare i tre fili di uscita, la **disposizione delle connessioni** non è stata riportata per questo tipo di dispositivo a semiconduttore. Questa disposizione può essere determinata notando che:

- Il **collettore** è generalmente contrassegnato con un **punto colorato**.

- Spesso la custodia del transistor presenta una protuberanza o una aletta vicino all'uscita dell'emettitore.

- Nel caso di una custodia metallica o di vetro, e se i tre fili di uscita sono allineati, quello di mezzo corrisponde alla base. Nel caso delle custodie di materia plastica (transistori al silicio) frequentemente si ha la disposizione emettitore-collettore-base, con il transistor visto dai terminali e disposto con il lato piano verso l'alto.

- Nel caso di una disposizione **triangolare**, basta seguire il senso delle lancette dell'orologio per trovare, nell'ordine, **emettitore-base-collettore**, con il transistor visto dal basso. (Esistono rare eccezioni).

- Nei transistori di **potenza**, il **collettore** è generalmente collegato alla **custodia**; la vite di fissaggio serve da connessione. La connessione di emettitore possiede allora quasi sempre una sezione più grande di quella della base.

- In alcuni transistori di debole o media potenza, la **base** è collegata alla custodia.

- Nel caso di dubbio, è sempre facile determinare il senso di conduzione delle giunzioni mediante un ohmetro a pila la cui polarità sia nota. Se un transistor possiede quattro fili d'uscita, uno di questi, facilmente determinabile con l'ohmetro, è collegato alla custodia.

Transistori ad effetto di campo.

La parte della Guida dedicata ai transistori ad effetto di campo comprende una tabella puramente esplicativa (pagina 153), disposta alla stessa maniera come le Tabelle principali (classificazione alfanumerica dei tipi, pag. 139 e seguenti). Essa dà, nelle sue colonne, le informazioni circa le caratteristiche riportate e le abbreviazioni usate. Successivamente alla classificazione principale si trova, a pag. 154, una tabella che riporta le connessioni per questo tipo di transistori. A questa fanno seguito otto tabelle ricapitolative (pagg. 155 a 157), concernenti altrettante applicazioni e nelle quali la classificazione è effettuata in base ad una caratteristica particolare (tipi di impiego generale), tipi per VHF-UHF, tipi a 2 elettrodi di controllo (« gate »), tipi di commutazione o « chopper », tipi per bassa frequenza, tipi a basso rumore, tipi a debole corrente di fuga del gate, tipi ad alta tensione e tipi doppi).

Nel caso di tipi prodotti da tutti i principali fabbricanti di transistori ad effetto di campo, nella colonna « Fabbricanti » della classificazione generale non è riportata alcuna indicazione.

Diodi.

Le tabelle dei diodi a semiconduttore sono sostanzialmente destinate al caso in cui si desideri conoscere le caratteristiche principali di un diodo di cui si è rilevata la denominazione su un montaggio o su uno schema. Il fabbricante è indicato solo se una similitudine o identità di codici di denominazione (per prodotti differenti) rischia di condurre ad una confusione.

Diodi di raddrizzamento.

Colonna « Tecnologia »:

Prima lettera:

G : Germanio. S : Silicio

Seconda lettera:

A : Controllato a valanga.	J : Diodo a giunzione.
C : Diodo a contatto (a punta).	M : Microgiunzione.
D : Giunzione diffusa.	O : Punta di oro.
	P : Planare.

Terza lettera:

B : Fissaggio con vite.	R : Fornito montato su radiatore.
C : Custodia ceramica.	
E : Custodia plastica.	S : Sottominiatura in vetro.
M : Custodia metallica.	
P : Fissaggio a incastona- tura.	V : Custodia in vetro.

Colonna **I_{nom}**. — Corrente massima ammissibile nel raddrizzatore monofase o, in mancanza, la massima corrente continua diretta.

Colonna **Tensione massima periodica**. — I valori della tensione massima di cresta sono riportati nell'ordine dei numeri di tipi dati dalla 1^a colonna. — Esempio: per « BAY 44... 46 », la colonna della tensione massima indica « 50-150-300 ». Ciò significa che la tensione massima è di 50 V per BAY 44, di 150 V per BAY 45 e di 300 V per BAY 46.

Se il valore della tensione massima è contenuto nel codice di indicazione, essa è sostituita dal segno (*). Esempio: per BY 137/(*), la colonna della tensione massima indica « (*) V_N in V (400 e 800) ». Ciò significa che la tensione massima è di 400 V per BY 137/400 e di 800 V per BY 137/800. La indicazione « (*) V_N × 10 V » significa che occorre moltiplicare per 10 il numero del codice di indicazione che esprime la tensione massima.

Diodi di segnale e di commutazione.

Colonna **Tecnologia**: Uguali abbreviazioni di quelle adottate per i diodi di raddrizzamento.

Colonna **V_{max} I_{max}**: la tensione inversa periodica massima, espressa in volt, si trova separata da una linea di frazione dalla corrente massima diretta di raddrizzamento o continua, espressa in milliampere.

Colonna Osservazioni:

C : Commutazione.	UHF : Utilizzabile fino a 900 MHz.
CR : Commutazione rapida.	VHF : Utilizzabile fino a 300 MHz.
Flash : Raddrizzamento foto-flash (lampe elettronico).	4 M : Modulatore ad anello formato da 4 diodi.
FM : Discriminatore modulazione di frequenza.	4 P : Raddrizzatore a ponte, formato da 4 diodi appaiati.
HF : Impiego generale in alta frequenza, rivelazione.	2 P : Insieme di 2 diodi appaiati.
Int. : Interruttore alta frequenza.	(1) : Discriminazione di fase.
MA : Per modulatore ad anello.	(2) : Discriminatore della portante di colore.
Mem : Comando memoria toroidale.	(3) : Codice « bruno - grigio - rosso - violetto ».
Mod. : Diodi di modulazione.	(4) : Codice « bruno - grigio - rosso - grigio ».
UG : Diodo di impiego generale.	

- (5) : Catodo comune collegato alla custodia.
 (6) : Anodo comune collegato alla custodia.
 (7) : Codice « giallo - bianco - grigio ».
 (9) : Codice « verde - grigio - nero ».
 (10) : Codice « bianco - marrone - giallo ».
 (11) : Scarto 10 mV per le cadute dirette.
 (12) : Scarto 15 mV per le cadute dirette.
 (13) : Scarto 20 mV per le cadute dirette.
 (14) : Matrice di 2 a 16 diodi per comando di tori.
 (15) : Rete di 2 a 8 diodi, per comando di tori.
- (16) : Corrente inversa di 1 nA.
 (17) : Per protezione relé, dissipazione 200 mW.
 (18) : Codice « bianco ».
 (19) : Codice « bruno ».
 (20) : Codice « blu - violetto ».
 (21) : Codice « verde - rosso ».
 (22) : Codice « arancio-giallo ».
 (23) : Codice « giallo - arancio ».
 (24) : Codice « blu - giallo ».
 (25) : Codice « verde - bianco ».
 (26) : Codice « rosso - arancio ».
 (27) : Codice « arancio - violetto ».
 (28) : Applicazione alla TVC.
 (29) : Per commutazione VHF.
 (30) : Per commutazione VHF-UHF.
 (31) : Livellatore TV a colori.
 (32) : Bassa capacità.
 (33) : Protezione di antenna.

Diodi a capacità variabile.

Colonna **V_{max}** : Tensione inversa massima.

Colonna **C_{min}...C_{max}** : La variazione della capacità che ammette il diodo nelle condizioni normali di impiego è indicata sia dai valori limiti della capacità sia in valore assoluto (pF).

Colonna **Osservazioni** : Le stesse abbreviazioni usate per i diodi di segnale.

Diodi di regolazione.

Colonna **P_D (W) a T (°C)** : La dissipazione massima, espressa in watt, è separata con una linea di frazione dalla temperatura massima per la quale questa dissipazione è valida. La lettera **a** significa « temperatura ambiente », **c** significa « temperatura della custodia ».

Colonna **tensione nominale** : Seguendo il principio adottato per i diodi di raddrizzamento, le tensioni indicate seguono nella loro progressione i numeri di tipo indicati nella prima colonna, in ordine crescente. Il segno (*) indica che la tensione nominale è già contenuta nel codice di denominazione. Quando la progressione delle tensioni normalizzate segue quella dei numeri normali E 12 oppure E 24, sono indicate solo le tensioni minima e massima della serie. I valori intermedi saranno allora dati dalla tabella seguente, corrispondente alla serie E 24, dove i valori della serie E 12 sono stampati in carattere più grossi.

**10 - 11 - 12 - 13 - 15 - 16 - 18 - 20 - 22 - 24 - 27 - 30
 33 - 36 - 39 - 43 - 47 - 51 - 56 - 62 - 68 - 75 - 82 - 91.**

La dispersione sul valore nominale, alla quale occorre attenersi per un diodo di un dato tipo, è espressa in percentuale. T_K significa « coefficiente temperatura ».

ELENCO DEI FABBRICANTI

- | | | | |
|-------------|---|-------------|--|
| Amel | <i>Tekelec-Airtronic</i> , Cité des Bruyères, rue Carle-Vernet, 92 - Sèvres. | Kmc | <i>Kmc Semiconductor Corp.</i> , Parker Road, R.D. 2, Long Valley, N.J., U.S.A. |
| Ates | <i>Ates</i> , 2, via Tempesta, Milan, Italie. | LTT | <i>Lignes Télégraphiques et Téléphoniques</i> , 89, rue de la Faisanderie, Paris (16'). |
| Crys | <i>Crystalonics</i> , 147, Sherman St., Cambridge 40, Mass. U.S.A. | Luca | <i>Joseph Lucas Ltd.</i> , Mere Green Road, Sutton Coldfield, Warwickshire, Grande-Bretagne. — 96, bd du Gl-Leclerc, 92 - Nanterre. |
| Delc | <i>Delco Radio Div.</i> , General Motors Corp., Kokomo, Ind., U.S.A. | Moto | <i>Motorola Semiconductor Products</i> , 5005 East McDowell Road, Phoenix, Ariz. U.S.A. |
| Fair | <i>Fairchild Semiconductor Division</i> , 440 Middlefield Road, Mountain View, Calif., U.S.A. — <i>Fairchild Semiconductors Europe</i> , Aarstrasse 1, Wiesbaden, Allemagne. | NS | <i>National Semiconductor Corp.</i> , Commerce Park, Danbury, Connecticut - 06810. — <i>NS-France</i> , 63, route de la Garenne, 92 - Clamart. |
| GE | <i>General Electric Comp.</i> , 200 North Franklin Street, Hempstead, New York, 11554., U.S.A. — <i>Sescosem</i> , 101, Bd Murat, Paris (14'). | RCA | <i>Radio Corporation of America</i> , Electronic Components, Harrison, N.J., U.S.A. |
| GI | <i>General Instrument Corp.</i> , Semiconductor Products Group, 600 West John Street, Hicksville, Long Island, N.Y., U.S.A. — <i>General Instruments France</i> , 11-13, rue Gandon, Paris (13'). | RFT | <i>VEB Halbleiterwerk</i> , Frankfurt (Oder), Allemagne-Est. |
| Hita | <i>Hitachi Ltd.</i> , 4, 1-chome, Marunouchi, Chiyoda-ku, Tokyo, Japon. — 4 Düsseldorf, Graf-Adolf-Strasse 37, Allemagne. | RTC | <i>La Radiotechnique - Compelec</i> , 130, av. Ledru - Rollin, Paris (11'). |
| Intm | <i>Intermetall-ITT</i> , 78 Freiburg, Postfach 840, Allemagne. — <i>Intermetall-France</i> , 86, rue du Président-Wilson, 92 - Levallois-Perret. | Sesc | <i>Sescosem</i> , 101, bd. Murat, Paris (14'). |
| Ints | <i>Intersil Inc.</i> , 10900, North Tantau, Av. Cupertino, California 95014. U.S.A. | SGS | <i>Società General Semiconduttori</i> , 20041 Agrate Brianza, Milano, Italie. — <i>SGS-France</i> , 45, rue Eugène-Oudiné, Paris (13'). |
| | | Siem | <i>Siemens et Halske</i> , Balanstrasse 73, Munich, Allemagne. — <i>Siemens-France</i> , 128, rue Fg. St-Honoré, Paris (8'). |
| | | Silx | <i>Siliconix Inc.</i> , 1140 West Evelyn Av., Sunnyvale, California 94086. |

SiTr *Silicon Transistor Corp.*, East Gate Blvd. Garden City, L.I., N.Y., U.S.A.

Sol *Solitron Devices*, 1177 Blue Heron Blvd., Riviera Beach, Florida 33304.

Spra *Sprague Electric Co.*, North Adams, Mass., U.S.A. — *Sprague France*, 2, av. Aristide-Briand, 94 - Arcueil.

Tele *Telefunken*, Fachunterbereich Halbleiter, 7100 Heilbronn, Rosskampfstr. 12. — *Telefunken France*, 37, rue de la Chine, Paris (20').

TI *Texas Instruments Inc.*, Semiconductor-Components Div. P.O. Box 5012, Dallas, Texas, U.S.A. — *Texas Instru-*

ments France, Villeneuve-Loubet, A.M. et 11, rue de Madrid, Paris (8').

TrAG *Transistor AG*, Hohlstrasse 610, Zurich 9, Suisse.

Tran *Transitron Electronic Corp.*, 168 Albion Street, Wakefield, Mass., U.S.A. — *Transitron Electronic*, 29, av. de l'Opéra, Paris (1').

TRW *TRW Semiconductors, Inc.*, 14520 Aviation Blvd. Lawndale, Calif., U.S.A.

Wh *Westinghouse Electric Corp.*, Semiconductor Dept., Youngwood, Pa., U.S.A. — *Westinghouse*, av. G.-Durand, 72 - Le Mans.

TRANSISTORI BIPOLARI A GIUNZIONE

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I_C (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_c o T_c ($^{\circ}C$)	T_{JM} ($^{\circ}C$)	Fabbri-cante	Osservazioni
+p G Al BF 12	AC 107	35 ... 160 0,3	3	> 2	< 14	15	10	50 45a	75	RTC	
p G Al BF 24	AC 116	55 ... 140 4	—	1	21	30	200	100 45a	90	Tele	$P_{DM}=225$ mW a $45^{\circ}C$ s. cust.
p G Al BF 34	AC 117	115 (> 40) 150	—	1	—	32	2000	180/45a	90	Tele	$P_{DM}=1,1$ W a $45^{\circ}C$ s. cust.
p G Al BF 43	AC 121	30 ... 250/100*	—	1,5	25	20	300	900 45□	90	Siem	* Gr. IV...VII. - □ c. aletta.
p G Al BF 34/5	AC 122, 30*	40 ... 300/2	4,5 < 12	1,5	21	30 18e ⁺	200	225/45□ 90 45a	90	Tele	□ Con aletta di raffreddam. - * $V_{CM}=45$ V (30 V base aperta). - ▲ Base aperta.
p G Al BF 25	AC 123	55 ... 140 4	—	1	21	45	200	100 45a	90	Tele	$P_{DM}=225$ mW a $45^{\circ}C$ s. cust.
p G Al BF 35	AC 124	65 (> 40) 150 60 300	—	0,7	—	45 32e*	2000	180/45a 1100/45c	90	Tele	* Con base aperta.
p G Al BF 34	AC 125, 6*	130 (> 62) 2	4	1,7	—	32	100	170/25a	75	RTC	* $\beta=220$ (> 100).
n G Al BF 34	AC 127	100 20 ... 200	4	2,5	70	32	500	340/55c*	90	RTC	* Con aletta di raffreddam.
p G Al BF 44	AC 128	60 ... 175 300 > 45 50 ... 1000	—	1,5 1	100	32	1000	700 25a* 220/25a	90	RTC	* Con radiatore di 12,5 cm ² .
p G Al BF 22	AC 130	> 25 10	—	> 2	10	15e	100	145/25a	90	RTC	$V_{CBM}=40$ V. - Simmetrico.
p G Al BF 44/5	AC 131, 30*	100 50 120 (> 40)/300	—	1	—	30 18e□	2000	750/45a ⁺ 150/45a	90	Tele	▲ Con aletta. - * $V_{CM}=45$ V (32 V a base aperta). - □ A base aperta.
p G Al BF 34	AC 132	115 50	4	1,2	—	32	200	500/25a*	75	RTC	* Con radiatore di 12,5 cm ² .
p G Al BF 34	AC 138, H*	30 ... 250/5	—	1,5	—	32e	1200	220 25a□	90	Ates	* $V_{CEM}=40$ V. - □ 720 mW con radiatore.
p G Al BF 44	AC 139	40 ... 180 400	—	—	—	40e	1000	750/25a*	85	Ates	* Con radiatore di 12 cm ² .

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DAM} (mW) / a T_a o T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
n G Al BF 34 n G Al BF 33 n G Al BF 34 p G Al BF 33 4	AC 141, K ^a AC 141 B AC 141 H, HK ^a AC 142, B, H, K	40...160/400 30...250/1 40...110/400 (*)	— — — —	3 3 2 1,5	— — — —	32 25 40e (*)	1200 1200 1200 1200	220/25a□ 220/25a□ 220/25a□ (*)	90 90 90 90	Ates Ates Ates Ates	$\left\{ \begin{array}{l} 1720 \text{ mW c. rad. di } 12 \\ \text{cm}^2 \cdot \Delta PDM = 260/25a. \end{array} \right.$ (*) Vd. AC 141, B, H, HK, K.
+ p G Al BF 24	AC 150	55...140/2	3,2*	1,5	21	30	50	60/45a	75	Tele	* $I_c = 0,2 \text{ mA}$, $f = 30 \dots 10\,000 \text{ Hz}$, $R_A = 800 \Omega$.
p G Al BF 43	AC 151	50/10* 40/200	4	1,5	27	24e 32b	200	900 45c 150 45a	90	Siem	* Gruppi IV a VII. - A 151 r: $F_b = 3$ (< 6) dB a $I_c \approx$ 0,5 mA, $R_A = 500 \Omega$.
p G Al BF 43	AC 152	30...150/100* 60.../500	—	1,5	25	24e 32b	500	900 45c 150 45a	90	Siem	* Gruppo IV: 30...60, gr. V: 50...100, gr. VI: 75...150.
p G Al BF 2 44	AC 153, k*	50...250/300□	—	1,5	100	32	2000	150/45a	90	Siem	□ Gr. V a VII. - * Con alet- ta, $PDM = 1,1 \text{ W}$.
p G Al BF 43	AC 162, 3*	100 (> 50)/2 90/100	4 < 10	1,7 > 1,3	25 < 40	24e 32b	200	900 45c 150/45a	90	Siem	* $\beta = 125$ (> 65) a $I_c = 2 \text{ mA}$, 120 a $I_c = 100 \text{ mA}$, $f_t =$ 2,3 MHz.
p G Al BF 24	AC 170, 1*	125 (> 50)/2	5	2	21	32	200	90 45a	90	Tele	* $\beta = 180$ (> 65).
n G Al BF 33	AC 175	60...165/150 150/300	—	2,5	—	25 18e*	2000	180/45a 1100 45c	90	Tele	Complementare a AC 117. * A base aperta.
n G Al BF 43	AC 176, k*	50...250/300 30/1000	—	3	100	18e 32b	1000	800/55c 150 45a	90	Siem	* Con aletta di raffreddam.
p G Al BF 33 n G Al BF 33	AC 178 AC 179	60...400/150 60...400/150	— —	2 4	— —	20 20	1200 1200	180 45a 180/45a	90 90	Tele Tele	$PDM = 1,1 \text{ W}$ a 45°C s. cust. Complementari.
p G Al BF 34	AC 180	50...250/600 ^a 80.../1000	—	> 1	—	32 24e*	1000	300 25a 650/25a□	100	Sesc	▲ Gruppo V: 50...100, gr. VI: 75...150, gr. VII: 125...250. * $R_{th} = 1,5 \text{ k}\Omega$. - □ c. alet.
p G Al BF 54	AC 180 k	50...250/600 ^a 80.../1000	—	> 1	—	32 24e*	1000	2500□ 3000/25c	100	Sesc	▲ Gruppi V a VII - □ A 25°C allo chassis di fissaggio * $R_{th} = 1,5 \text{ k}\Omega$.
n G Al BF 3 54	AC 181, k	(*)	—	> 1	—	(*)	1000	(*)	100	Sesc	(*) Vedi AC 180,k (complem.)

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CEM} (V)	I_{CEM} (mA)	P_{DM} (mW) / a T_a o T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
p G Al BF 33 n G Al BF 33	AC 182 AC 183	50 250/1* 50 250/2*	< 10 < 10	4 4,5	— —	18e 16e	150 150	200/25a 250/25a	85 85	Sesc Sesc	Complementari. - V_{CEM} - 32 V. - * Stessi gruppi di AC 180.
p G Al BF 33 n G Al BF 33	AC 184 AC 185	50 250/200* 50 250 200*	< 10 < 10	3 4	— —	24e 24e	500 500	225/25a□ 225/25a□	100 100	Sesc Sesc	$V_{CEM} = 32$ V. - 0,5 W c. aletta. * Stessi gruppi di guadagno di AC 180.
n G Al BF 44	AC 186	120 (> 60) 150	—	2	—	30	1200	750/45a□	90	Tele	Complementare a AC 131.
n G Al BF 42	AC 187 k	100 500/300 > 65/1000	—	3	100	15e 25b	2000	800/55c 1100*	90	Siem	* Ponte di modulazione.
p G Al BF 42	AC 188 k	100 500/300	—	1,5	100	15e	2000	800/55c	90	Siem	Complementare a AC 187 k.
p G Al BF 34 p G Al BF 43	AC 191, 2* AC 193, K	30 500 1 130 400/400	< 4 —	7 3	7 40	32 25	250 2000	185 25a□ 1000/50c	90 90	Ates Ates	* $F_b = 6$ dB. - □ 430 mW c. r. AC 194, K: n-p-n complen.
p G Al BF 44 p G Al BF 24	ACY 16 ACY 23	60 (> 40) 300 50 150 1*	— 4	0,5 1,5	75 27	30e 30	400 200	800/45c 150/45a	85 90	Tele Siem	$V_{CEM} = 40$ V. $\beta = 100$ a $I_c =$ 50 mA. Gruppo V: 50...100, gr. VI: 75...150.
p G Al BF 46	ACY 24	50 (> 30) 30 40 (> 25) 150	—	—	80 < 120	70 50e*	700	530/45c 115/45a	85	Tele	$f_b = 9$ (> 4,5 kHz). * A base aperta.
p G Al BF 24 p G Al BF 44	ACY 32 ACY 33	50 150/1* 50 250/300*	3 —	1,5 1,5	27 100	30 32	200 1000	150/45a 1100/45c	90 90	Siem Siem	Gruppo, vedi AC 180. Gruppo, vedi AC 180.
p G Al P 74 5	AD 130, 1□	20 100/1000* 60 %/3000	—	0,35	200	30e 32b	3000	30 W/45c 12 W*	90	Siem	* Gr. III: 20...40, gr. IV: 30...60, gr. V: 50...100. - □ $V_{CE} = 25$ V. - □ $V_{CEM} =$ 45 V.
p G Al P 75	AD 132	20 100/1000* 60 %/3000	—	0,35	200	60e 80b	3000	30 W/45c 12 W*	90	Siem	* Gruppi III...V, v. AD 130. ▲ $V_{CE} = 45$ V.
p G Al P 74	AD 133	20 100 5000* 60 %/15 A	—	0,3	300	32e 50b	15 A	36 W/45c 20 W*	100	Siem	* Gruppi III...V, v. AD 130. ▲ Per $V_{CE} < 20$ V.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_E (mA)	F_{L_1} (dB)	f_{L_1} (MHz)	C_{L_1} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_A o T_C (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
p G AI P 64	AD 136	20...100/5000* 70.../10 A	—	0,3	—	30e 40b	10 A	11 W/45c 5 W*	100	Siem	* Gruppi III...V, v. AD 130. ▲ Per $V_{CE} = 25$ V.
p G AI P 76 2	AD 142, 3*, 5□	30...170/1000	—	0,5	—	80	10 A	30 W/55c	90	Ates	$V_{CM} = * 40$ e □ 15 V.
p G AI P 64	AD 148	30...100/1000* 90.../2000	—	0,45	—	32e□ 32c	2000	13 W/45c 5 W*	100	Siem	* Gruppi IV e V, v. AD 130. - □ A $V_{BE} = 2$ V invertiti - ▲ A $V_{CE} = 25$ V.
p G AI P 74	AD 149, 50□	30...100/1000* 85.../3000	—	0,5	—	30e 50b	3500	28 W/45c 10 W*	100	Siem	▲ Gruppo IV: 30...60, gr. V: 50...100. - * Per $V_{CE} =$ 25 V. - □ $V_{CB} = 30$ V.
p G AI P 65	AD 152	40...150/300	—	1	—	45*	2000	6000/45c	90	Tele	* 30 V a base aperta.
p G AI P 63	AD 155	40/300	—	—	—	25*	2000	6000/45c	90	Tele	* 16 V a base aperta.
n G AI P 53	AD 161	50...300/500	—	3	100	20e	2500	3000/64c	90	Siem	Complementare a AD 162. - $V_{CBM} = 32$ V.
p G AI P 63	AD 162	50...300/500*	—	1,5	100	20e	2500	6000/45c	90	Siem	* Gruppi V...VII, 80 % $I_C = 2$ A.
p G AI P 76	AD 163	12...60/1000* 55.../3000	—	0,35	200	80e 100b	3000	30 W/45c 12 W*	90	Siem	* Gruppo II: 12...25, gr. III: 20...40, gr. IV: 30...60. - □ $V_{CE} = 60$ V. - Defl. qua- dro TV, $t_r = 10$ μ s, $t_f = 15$ μ s
p G AI P 63	AD 164	150/500	—	—	—	20e*	2000	6000/45c	90	Tele	* 25b. - $f_b = 11$ kHz.
n G AI P 63	AD 165	150/500	—	—	—	20e	2000	5300/45c	90	Tele	Complementare a AD 164.
p G AD P 75 6	AD 166, 7*	80 (> 60)/1000	—	3	—	40e	5000	27 W/45c	90	Siem	* $V_{CEM} = 50$ V, $V_{CBM} = 75$ V.
p G AI P 63	AD 262	30/1500	—	0,5	—	20e*	2000	10 W/60c	100	Ates	* 35b. - Complem. a BD 162.
p G AI P 85	ADY 26	40...120/5000 25 (> 15)/25 A	—	—	350	60e 80b	30 A	100 W/30c 65 W/50c	90	RTC	$t_r = 25$ μ s, $t_s + t_f = 75$ μ s. - $V_{sat} = 0,15$ (< 0,5) V a $I_C = 25$ A.
p G AI P 74	ADY 27	30...100/1000	—	0,5	—	32	3500	28 W/45c	100	Siem	$V_{sat} = 0,3$ (< 0,6) V.
p G AI P 83	ADY 30	50/15 A	—	—	—	30e	50 A	150 W/25c	—	RTC	$V_{sat} < 0,15$ V a 15 A.
p G AI P 83	ADY 31	15/150 A	—	—	—	40e	160 A	85 W/25c	—	RTC	$V_{sat} < 0,3$ V a 150 A.
p G AI P 84	ADY 32	15/150 A	—	—	—	50e	160 A	85 W/25c	—	RTC	$V_{sat} < 0,3$ V a 150 A.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_i (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_j o T_c (°C)	T_{jM} (°C)	Fabbri- cante	Osservazioni
p G Al P 74	ADZ 11	> 25/5000	—	> 0,08	—	40e	20 A	45 W 45c	90	RTC	$\beta > 15$ a $I_c = 15$ A.
p G Al P 75	ADZ 12	> 25 5000	—	0,1	—	60e	20 A	45 W 45c	90	RTC	$\beta > 15$ a $I_c = 15$ A.
p G Me VH 23	AF 106	50 (> 25)/1	5,5*	220	0,5	18e	10	60 45a	90	Siem	* 200 MHz, $R_a = 60 \Omega$.
p G Me VH 23	AF 109	100 (> 20)/2	5*	280	0,4	18e	12	60 45a	90	Siem	* 200 MHz, GP = 15 dB.
p G Me VH 22	AF 109 r	50 (> 20)/1,5	< 4,8	—	0,4	15e	10	60 45a	90	Siem	GP = 16 dB a 200 MHz.
+p G AD VH 13	AF 114, 5*	150 1	8	75	1,5	20	10	50 45a	90	RTC	GP = 14 e * 13 dB a 100 MHz.
+p G AD HF 13	AF 116	150 1	3	75	—	20	10	45 45a	90	RTC	GP=25 (> 19) dB a 10,7 MHz.
+p G AD HF 12	AF 117	150 1	—	75	—	20	10	45 45a	90	RTC	GP = 42 dB a 0,5 MHz.
+p G AD HF 36	AF 118	180 (> 35)/10	—	175	1,8	70b	30	375 30a*	75	Siem	* Con aletta di raffreddam.
+p G AD VH 23	AF 121	75/3	—	270	0,5	25	12	100/45a	90	RTC	Amplif. FI - TV.
p G AD VH 24	AF 124, 5□	140 (> 40)/1	8	75	2,5	32	10	60 30a	75	RTC	Amplif. e □ conv. 100 MHz.
p G AD HF 24	AF 126, 7□	140 (> 40)/1	1,5*	75	1,5	32	10	60 30a	75	RTC	* A 1 MHz. - Conv. < 16 e □ < 6 MHz.
+p G D VH 23	AF 134	110/1	7,5	55	0,5	18e	—	60 45a	75	Tele	GP = 14,5 dB a 100 MHz.
+p G D VH 23	AF 135	100/1	—	50	0,5	18e	—	60/45a	75	Tele	GP = 9 dB a 100 MHz conv.
+p G D HF 23	AF 136	80 1	—	40	1,6	18e	—	60/45a	75	Tele	Amplif. e conversione O.C.
+p G D HF 23	AF 137	60/1	—	35	3,4	18e	—	60/45a	75	Tele	Amplif. FI 10,7 e 0,47 MHz.
+p G D HF 23	AF 138	100 (> 60)/1	—	40	1,9	18e	—	60/45a	75	Tele	Ampl. contr. 10,7 e 0,47 MHz.
p G Me UH 22	AF 139	50 (> 10)/1,5	7*	550	0,3	15e	10	60 30a	90	Siem	* A. 800 MHz, GP = 11 dB. - $V_{CBM} = 20$ V.
p G D HF 24	AF 166	85/1,5	—	—	—	30	10	80 25a	85	Ates	Amplif. 10,7 e 0,47 MHz.
p G D HF 23	AF 170	80 1	—	—	—	24	10	80/25a	85	Ates	Conversione <2 MHz.
p G D HF 23	AF 171, 2*	225 1	—	—	—	24	10	80/25a	85	Ates	Amplif. 0,45 MHz. - * $\beta = 70$.
p G Al HF 23	AF 187, 8*	—	—	5	—	18	100	150 25a	80	Sesc	FI 0,5 e * conv. < 2 MHz.
p G Me VH 33	AF 200, 1*	85 (> 30)/3	—	—	0,4	25	10	225/45c	90	Siem	GP = 30 dB a 35 MHz. Con e * senza CAG.
p G Me VH 33	AF 202, S*	85 (> 20)/3	—	—	0,6	25	30	225 45c	90	Siem	Uscita FI video, GP=31 dB. - * $V_{CEM} = 32$ V.
p G Me UH 23	AF 239	33 (> 10)/2	5*	650	0,3	20	10	60 45a	90	Siem	* A 800 MHz, GP=14 (>11,5) dB.
p G Me UH 23	AF 240	25 (> 10)/2	5,5	650	0,26	20	10	60/45a	90	Siem	GP = 14 dB a 800 MHz, entr.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_c o T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
p G PI VH 23	AF 256	28 (> 10) 1	< 7,5	> 170	0,5	18	10	90/45a	90	Tele	GP = 14 dB a 200 MHz, conv.
p G PI UH 23	AF 279	50 (> 10) 2	5	> 600	0,42	20	10	60/45a	90	Siem	GP = 16 dB a 800 MHz, entr.
p G PI UH 23	AF 280	25 (> 10) 2	7	> 600	0,42	20	10	60/45a	90	Siem	GP = 14 dB a 800 MHz, conv.
p G Me VH 42	AFY 10	20 (> 10) 2	5,8	250	2,2	15e	70	560/45c	90	Siem	$V_{CBM} = 30$ V, GP = 15...18 dB a 100 MHz.
p G Me VH 42	AFY 11	20 (> 10) 2	4,8	350	2,2	15e	70	560/45c	90	Siem	$V_{CBM} = 30$ V, GP = 17...20 dB a 100 MHz.
p G Me VH 23	AFY 12	25 > 120 1	5	230	0,5	18e	10	60/45a	90	Siem	$V_{CBM} = 25$ V. - Amplificazio- ne < 260 MHz.
p G — HF 23	AFY 15	30...200 0,5	—	16	7	18e	50	65/45a	85	Tele	Amplificazione < 10 MHz.
p G Me UH 23	AFY 16	60 (> 10) 1,5	7*	550	—	25e	10	112/45a	90	Siem	* A 800 MHz, GP = 11,5 dB.
p G Me VH 42	AFY 18	40...600 10* 20...100	4□	600	1,8	15e	100	560/45c 180/45a	90	Siem	* AFY 18 C : 40...120, D : 100...300 E : 200...600. - □ A 70 MHz, GP = 17 dB a 200 MHz.
+p G AD VH 44	AFY 19	70 (> 30) 100	—	350	12	32	300	800/25a*	90	RTC	* Con radiatore di 12,5 cm ² .
p G Me UH 34	AFY 34	> 10 2	7,5*	—	—	40b	—	300/45a	90	Siem	* 800 MHz, GP = 14 dB. - Struttura coassiale.
p G Me UH 24	AFY 37	40 (> 10) 2	7*	600	0,3	32	20	112/45c	90	Siem	* 800 MHz. - Per amplifica- tore di antenna.
p G Me HF 34	AFY 39	85 (> 20)/3	—	500	0,75	32	30	225/25a	90	Siem	Amplif. antenna VHF, 17 dB
p G Me UH 23	AFY 40	50 (> 10) 1,5	7	700	0,25	20e*	20	140/30a	90	RTC	GP = 12 dB a 800 MHz. - * 32b.
p G Me UH 33	AFY 42	33 (> 10) 2	5*	650	0,3	25e	10	160/25c	90	Siem	* 800 MHz, GP = 14 dB.
p G AD VH 23	AFZ 12	70 (> 20) 1	6*	180	1	20	10	83 25a	75	RTC	* 200 MHz, GP = 13 dB.
p G AD P 75	AL 100, 1*	50...200 5000	—	5	—	60e	10 A	30 W/55c	100	Ates	$V_{CBM} = 130$ e * 100 V. - * $\beta = 50...135$.
p G AD P 75	AL 102	100...250 1000	—	4	—	50e	5000	30 W/55c	100	Ates	$V_{CBM} = 100$ V.
p G AD P 74	AL 103	40...250 1000	—	3	—	40e	5000	30 W/55c	100	Ates	$V_{CBM} = 100$ V.
p G Al C 23	ASY 26	30...80 20	—	> 4	< 16	25e	300	150/55c	85	Siem	$V_{CBM} = 30$ V. - $t_s < 1,25$ μ s.
p G Al C 23	ASY 27	50...150 20	—	> 6	< 16	20e	300	150/55c	85	Siem	$V_{CBM} = 25$ V. - $t_s < 1,25$ μ s.
n G Al C 23	ASY 28	30...80 20	—	> 4	16	25e	300	125/45a	100	RTC	$\beta > 15$ a $I_c = 0,2$ A.
n G Al C 23	ASY 29	50...150 20	—	> 6	16	20e	300	125/45a	100	RTC	$\beta > 20$ a $I_c = 0,2$ A.
+p G — C 14	ASY 30	65 (> 20) 200	—	22	3,3	30e	250	120/45a	85	Tele	$V_{CBM} = 50$ V, $P_{DM} = 0,2$ W a 45°C sulla custodia.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_r (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
p G Al C 46	ASY 48	50...100/100	—	1,2	25	64	300	900/45c	90	Siem	$t_s = 1,1 \mu s$.
p G Al C 44	ASY 70	50...100/10	—	1,5	25	30	300	900/45c	90	Siem	$t_s = 1,1 (< 3) \mu s$ a $I_c = 100$ mA.
n G Al C 33	ASY 73, 4*, 5□	$\geq 25/50$ $> 20/200$	—	> 4	< 30	20a 30b	400	300/25c 140/25a	85	RTC	* $\beta > 40$ a $I_c = 50$ mA, > 20 a 400 mA. - □ $\beta > 65$ a $I_c =$ 50 mA, > 30 a 400 mA.
p G Al C 34 5	ASY 76, 7*	25...130/300 $\geq 20/600$	—	$> 0,7$	—	32e 40b	600	500/25a□ 240/25a	85	RTC	* Con radiatore di 62,5 cm ² . * $V_{CM} = 60$ V.
p G Al C 34	ASY 80	60...165/50	< 15	$> 0,7$	—	40	600	500/25a□	85	RTC	* Con radiatore di 62,5 cm ² .
p G Al C 35	ASY 81	30...100/100	< 15	1,6	25	60	500	225/25a	100	Sesc	$V_{sat} = 0,25$ V a 500 mA.
p G Al P 75	ASZ 15	20...55/1000	—	0,3	190	60e	10 A	30 W/45c	90	Sesc	$\beta > 15$ a $I_c = 6$ A.
p G Al P 74	ASZ 16	45...130/1000	—	0,34	190	32e	10 A	30 W/45c	90	Sesc	$\beta > 35$ a $I_c = 6$ A.
p G Al P 74	ASZ 17	25...75/1000	—	0,32	190	32e	10 A	30 W/45c	90	Sesc	$\beta > 20$ a $I_c = 6$ A.
p G Al P 74	ASZ 18	30...110/1000	—	0,32	190	32e	10 A	30 W/45c	90	Sesc	$\beta > 20$ a $I_c = 6$ A.
p G Al C 34	AT 270	25...130/10*	—	5	—	40	250	185/25a□	90	Ates	* Gruppo 1: 25...90, gruppo 2: 60...130 - □ 430 mW con radiatore 12x12 cm.
p G Al C 33	AT 275	25...130/10*	—	5	—	25	250	185/25a□	90	Ates	
p G Al C 68	AU 103	$> 15/10$ A	—	15	—	155	10 A	10 W/80c	90	RTC	Defless. riga TV, $t_s < 3 \mu s$.
p G Al C 68	AU 104	$> 15/10$ A	—	15	—	185	12 A	15 W/75c	90	RTC	Defless. riga TV, $t_s < 3 \mu s$.
p G ADC 75	AU 105	50...200/5000 62/10 A	—	5	—	60e 130b	10 A	27 W/45c 10 W/60c	100	Siem	$V_{CBM} = 100$ V, $t_r = 1 \mu s$. - Uscita riga TV, portatili.
p G ADC 59	AU 106	—	—	—	—	320b	10 A	5000/55c	85	Ates	Defless. riga TV, 114°, 18 kV.
p G ADC 68	AU 107	—	—	—	—	200b	3000	10 W/55c	100	Ates	Deflessione vert TV.
p G ADC 77	AU 108	35...200/700	—	—	—	100	10 A	30 W/45c	90	Ates	Pilota riga TV.
p G ADC 77	AU 108 F	120...250/1000	—	—	—	100	10 A	30 W/45c	90	Ates	Pilota riga TV. - $t_r < 700$ ns.
p G ADP 78	AU 110	20...90 1000	—	—	—	160b	10 A	30 W/55c	100	Ates	Defless. orizzontale TV 90°.
p G ADC 59	AU 111	15...80 6000	—	2	—	320	10 A	5 W/55c	90	Ates	Defl. orizzontale TV 110°.
p G ADC 59	AU 111 C	20...80/6000	—	2	—	350b	10 A	5 W/55c	90	Ates	Limit. alim. stabilizzato.
p G ADP 79	AU 111 R	35...140/700	—	2	—	320b	10 A	30 W/45c	90	Ates	Regolaz. lin., amplificazione.
p G ADP 59	AU 112	15...40/6000	—	2	—	320b	10 A	5000/55c	90	Ates	Defl. orizzontale 819 L. 114°.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c (°C)	T_{jM} (°C)	Fabbricante	Osservazioni
p G A D C 58	AU 113	80 (· 15) 6000	—	—	—	250	10 A	5 W/55c	90	Ates	Defl. orizzontale TV 110°.
p G A I C 65	AUY 10	40 400	—	120	< 45	60e	700	6000/50c	75	RTC	V _{CBM} = 70 V, t_r = 0,2 μ s.
p G A I C 66	AUY 18	20...60 5000*	—	0,3	—	64	8000	11 W/45c	100	Siem	* Gruppo III: 20...40, gr. IV: 30...60.
p G A I C 76	AUY 19	20...100/1000*	—	0,35	200	64	3000	30 W/45c	90	Siem	* Gr. III, IV e V (50...100).
p G A I C 77	AUY 20	20...100 1000*	—	0,35	200	80	3000	30 W/45c	90	Siem	* Gruppi III...V.
p G A I C 76	AUY 21	12...60 5000*	—	0,3	—	65	10 A	36 W/45c	100	Siem	* Gr. II (12...25), III e IV.
p G A I C 76	AUY 22	12...60 5000	—	0,3	—	80	8000	36 W/45c	100	Siem	* Gruppi II...IV.
p G A I C 76	AUY 28	33 (> 20) 5000	—	0,25	300	65e	10 A	30 W/45c	90	Tele	V _{CBM} = 90 V, t_s = 5 μ s.
p G A I C 75	AUY 29	20...100/5000	—	0,3	—	50	15 A	36 W/45c	100	Siem	t_s = 8 (< 15) μ s a 5 A.
p G A I C 77	AUY 34	12...60/1000	—	0,35	200	100	3000	30 W/45c	90	Siem	V _{CEO} = 80 V max. - t_s = 8 μ s.
p G A D C 63	AUY 35, 6*	35...260/5000	—	2,5	—	25e	20 A	15 W/25c	100	Ates	* β > 100, f_t > 3 MHz.
p G A D C 77	AUY 37	30...110/1000	—	0,4	—	100	10 A	30 W/55c	100	Ates	V _{sat} = 0,25 V.
p G A D C 75	AUY 38	30...190/5000	—	2,5	—	60e*	13 A	30 W/55c	100	Ates	* 130b. - Carico induttivo.
+p G A D P 78/9	B 10 142*	> 20/6000	—	—	—	350e	10 A	30 W/25c	110	—	* Tipo A: V _{CEM} = 290 V B: 225 V, t_f < 1,5 μ s.
+p G A D P 78/9	B 10 143*	> 25/9000	—	—	—	290e	15 A	40 W/25c	110	—	* Tipo A: V _{CEM} = 225 V B: 165 V, t_f < 1,8 μ s.
+p G A D P 77/8	B 10 144*	> 25/15 A	—	—	—	165e	20 A	50 W/25c	110	—	* Tipo A: V _{CEM} = 130 V B: 100 V, t_f < 2 μ s.
n S P I B F 35	BC 107	125...500 2* 130 (> 40)/0,01	2 < 10	250 > 150	< 4,5	50 45□	200	300/25a 750/25c	175	Siem RTC	* Tipi A: 125...260, tipi B: 240...500, tipi C: 450... 900. - □ A base aperta. Equivalenti in plastica: BC 147...9, BC 167...9.
n S P I B F 34	BC 108	125...900/2* 130 (> 40)/0,01	2 < 10	250 > 150	< 4,5	30 20□	200	300 25a 750 25c	175	Siem RTC	
n S P I B F 34	BC 109	240...900/2* 300 (> 100)/0,01	< 4	300 > 150	< 4,5	30 20□	200	300/25a 750/25c	175	Siem RTC	
n S P E B F 36	BC 110	90 (> 30)/2	—	100	< 5	80	50	300/45a	175	Siem	
n S P I B F 33	BC 113, 14*	200...1000/1 200/0,05	—	60	2	25e 30b	—	200 25a 500/25c	125	SGS	* F_b = 1,5 dB a I_c = 30 μ A R_a = 10 k Ω , f = 1 kHz.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_{a0} T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
n S PI BF 34	BC 115	100...400/10	—	40	12	30e	—	300/25a	125	SGS	$V_{sat} = 1 V$ con $I_c = 100 mA$.
n S PE BF 34	BC 116	40...120/150 > 35/10	—	300	5	40e 60b	—	300/25a 800/25c	125	SGS	$V_{sat} < 1,6 V$ con $I_c = 500 mA$.
n S PI BF 37	BC 117	50 (> 30)/30 50 (> 25)/10	—	60	6	120e 120b	—	300/25a 800/25c	125	SGS	$V_{sat} = 0,33 V$ (< 2 V) con $I_c = 50 mA$.
n S PE BF 31	BC 121	(*)/0,25	3	50	6,4	5	50	260/45a	125	Siem	(*) Bianco: 75...100, giallo: 125...260, grigio: 240...500, bianco: 470...900. - Sub- min., custodia plastica.
n S PE BF 33	BC 122	(*)/0,25	3	50	4	20e	50	260/45a	125	Siem	
n S PE BF 34	BC 123	(*)/0,25	3	50	4	30e	50	250/45a	125	Siem	
n S PE BF 34	BC 125	60 (> 30)/150 > 25/10	—	> 40	12	30e 50b	—	300/25a 800/25c	125	SGS	Pilota o uscita BF - Comple- mentare a BC 126.
p S PE BF 34	BC 126	30...120/150 > 25/10	—	> 200	5	30e 50b	600	300/25a 800/25c	125	SGS	Pilota o uscita BF - Comple- mentare a BC 125.
n S PE BF 25	BC 129 A, B*	125...260/2	< 6	250	4,5	45	100	135/45a	125	Tele	* $\beta = 240...500$.
n S PE BF 23	BC 130 A, B*	125...260/2	< 6	250	4,5	20	100	135/45a	125	Tele	* $\beta = 240...500$.
n S PE BF 23	BC 131 B, C*	240...500/2	< 4	300	4,5	20	100	135/45a	125	Tele	* $\beta = 470...900$.
n S PI BF 35	BC 134	150...400/10	4	> 200	2*	45	—	200/25a□	125	SGS	* < 3,5 pF. - □ 500/25c.
p S PI BF 44	BC 139	90 (> 40)/100 35 (> 20)/300	—	200	6	40	500	700/25a 2150/75c	200	SGS	Complementare a BC 185.
n S PE BF 54/5	BC 140, 141*	40/0,1 40...250/100□ 20/1000	—	> 50	< 25	40e 80b	1000	3700/25c	175	Siem	* $V_{CEM} = 60 V$, $V_{CBM} = 100 V$. □ Gruppo 6: 40...100, Gr. 10: 63...160, Gr. 16: 100...250.
n S PI BF 45	BC 142	80 (> 20)/200	—	> 40	< 25	60	—	800/25a*	180	SGS	* 5 W 25c. - Compl.: BC 143.
p S PI BF 45	BC 143	40 (> 20)/300	—	200	13	60	1000	800/25a	200	SGS	Complementare a BC 144. * 3570/75c.
n S PI BF 44	BC 144	55 (> 20)/300	—	100	12	40e	1200	800/25a*	200	SGS	
† n S PI BF 37	BC 145	> 30/5	—	> 40	6	120	—	300/25a	120	SGS	
n S PE BF 13	BC 146	> 140/0,2	—	> 10	4	20	50	50/25a	120	RTC	Subminiatura plastica.
n S PI BF 35/4	BC 147, 8, 9	(*)	(*)	300	< 4,5	(*)	200	220/25a	125	RTC	(*) Vedi BC 107, 8, 9.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_{j0} (°C)	T_{jM} (°C)	Fabbri- cante	Osservazioni
p S PI BF 34	BC 153	> 50 0,1 . 10	1*	70	4	40	100	200/25a	125	SGS	* $I_c = 0,2$ mA, $f = 1$ kHz.
p S PI BF 34	BC 154	230 (> 160)/1	0,8	> 40	6	40e		160/45a	120	SGS	Custodia plastica.
n S PE BF 21	BC 155, 156*	> 80/0,5	5	> 50	—	5	—	50/45a	125	Tele	* $P_{DM} = 105$ mW a 45°C amb.
p S PE BF 35	BC 157	75 . 260/2*	< 10	130	< 6	50	200	220/45a	125	Siem	* Gruppo VI: 75...150, gr. A: 125...260, gr. B: 240...500. - Compl. a BC 147, 8, 9.
p S PE BF 34	BC 158	75 . 500 2*	< 10	130	< 6	30	200	220/45a	125	Siem	
p S PE BF 34	BC 159	125 . 500 2*	< 4	130	< 6	30	200	220/45a	125	Siem	
p S PE BF 44	BC 160	40 . 250 50*	—	> 50	< 30	40	1000	750/25a □	175	Tele	□ 3,2 W 60c - * Gruppo 6: 60...100, gr. 10: 63...160, gr. 16: 100...250.
p S PE BF 45	BC 161	40 . 250 50*	—	> 50	< 30	60	1000	750/25a	175	Intm	
n S PI BF 35 4	BC 167, 8, 9	(*)	(*)	300	< 4,5	(*)	200	220/25a	125	Siem	(*) Vedi BC 107, 8, 9.
n S PI BF 33	BC 170 A, B*, C □	35 . 100/1	< 6	100	4	20	100	200/25a	125	Intm	$\beta = * 80 . . 250$ e □ 200 . . 600.
n S PE BF 35	BC 171 A, B*	125 . 260/2*	< 6	> 150	4	45	100	200/25a	125	Intm	* $\beta = 240 . . 500$.
n S PE BF 33	BC 172 A, B*, C □	125 . 260/2	< 6	> 150	4	20	100	200/25a	125	Intm	$\beta = * 240 . . 500$ e □ 450 . . 900.
n S PE BF 33	BC 173 B, C*	240 . 500/2	< 4	> 150	4	20	100	200/25a	125	Intm	* $\beta = 450 . . 900$.
n S PE BF 36	BC 174 A, B*	220 (. 125)/20	—	200	4	70	100	300/25a	125	Intm	* $\beta = 320 (> 240)$ 20.
p S PE BF 35 4	BC 177, 8, 9	(*)/	(*)	130	< 6	(*)	200	300/25a	175	Siem	(*) Vedi BC 157, 8, 9.
p S PE BF 33	BC 181, A*	> 60/2,5 . 50	—	—	—	25e	200	300/25a	125	TI	* $\beta > 100$ a $I_c = 2,5$ mA.
n S PE BF 35 4	BC 182, 3, 4	(*)	(*)	> 150	11	(*)	200	300/25a	125	TI	(*) Vedi BC 107, 8, 9.
n S PE BF 36	BC 190 A, B*	220 (. 125)/20	—	200	4	70	100	300/25a	175	Intm	* $\beta = 320 (> 240)$ 20.
p S PE BF 33	BC 192	60 . 180/50	—	> 100	12	25	503	200/25a	125	Intm	$V_{sat} < 0,25$ V a $I_c = 50$ mA.
n S PE BF 13	BC 196	75 . 500/2*	< 10	130	4	25e	200	50/45a	125	Tele	* Gruppo, vedi BC 157.
n S PE BF 25	BC 197	125 . 500/2	3*	300	2,5	45	100	60/25a	125	Tele	* $I_c = 0,2$ mA, 1 kHz.
n S PE BF 13	BC 198, 9*	125 . 500 2	3	300	2,5	20	100	50/45a	125	Tele	* $\beta = 240 . . 900$; $F_b = 6$ dB.
p S PE BF 13	BC 200	165 0,2	—	< 10	—	20	50	50 25a	125	RTC	Subminiatura plastica.
p S PE BF 31	BC 201	50 . 500 0,3*	< 10	80	< 11	5	75	250/25a	150	Siem	* Rosso: 50...100, bianco 75...150, giallo: 125...260 grigio: 240...500.
p S PE BF 33	BC 202	50 . 260 0,3*	< 10	80	< 7	20e	75	250/25a	150	Siem	
p S PE BF 34	BC 203	50 . 260 0,3*	< 10	80	< 7	30e	75	250/25a	150	Siem	
p S PE BF 35 3	BC 204 □, 5, 6	(*)	(*)	200	4	20	200	300/25a	125	Sesc	□ $V_{CM} = 45$ V. - *Vedi BC 157 8, 9.
n S PE BF 35 3	BC 207 □, 8, 9	(*)	(*)	200	2,5	20	300	300/25a	125	Sesc	□ $V_{CM} = 45$ V. - *Vedi BC 107, 8, 9.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
n S PI BF 44	BC 211	> 50/300	—	200	6	40	1000	800/25a	180	Sesc	Pilota deflessione.
p S PE BF 35	BC 212	60...300/2*	2,5	> 200	5	50e	100	360/25a	125	TI	} * > 40/0,01. - □ > 100/0,01. - Complementari a BC 182, 3, 4. * 150/0,1 e 270/10. * > 20/200. - Compl. a BC 222 Complementare a BC 221. β = * 100...300 e □ 200...450. * I_c = 0,3 mA, f = 1 kHz.
p S PE BF 34	BC 213	80...400/2*	2,5	> 200	5	30e	100	360/25a	125	TI	
p S PE BF 34	BC 214	140...400/2□	< 2	> 200	5	30e	100	360/25a	125	TI	
n S PI BF 33	BC 220	225 (> 100)/1*	—	80	3	25e	50	200/25a	125	Fair	
p S PE BF 34	BC 221	115 (> 50)/10*	—	150	8	30	500	300 25a	125	Fair	
n S PE BF 34	BC 222	105 (> 50)/10	—	250	11	30	500	300 25a	125	Fair	
n S PE BF 34	BC 223, A*, B□	100...400/50	—	100	< 12	30e	800	360 25a	125	TI	
p S PE BF 34	BC 225	> 90/0,1...50	1*	70	4	40	100	200 25a	125	Fair	
p S PI BF 44	BC 231 A, B*	100...300/50□	—	125	—	40	400	625/25a	150	TI	{ Complem. - □ > 80/100. - * β = 200...450. □ V_{CEM} = 20 V. - □ F_b < 4 dB. β = * 80...250 e □ 200...600. β = * 240...500 e □ 450...900. β = * 240...500 e □ 450...900. β = * 240...500 e □ 450...900. * β = 240...500. (*) Identici a BC 250...6, sal- vo custodia metallica
n S PI BF 44	BC 232 A, B*	100...300/50□	—	—	—	40	400	625/25a	150	TI	
n S PE BF 35/3	BC 237, 9*, 9□	125...500/2	< 10	250	—	45e	100	178/45a	125	Tele	
p S PE BF 33	BC 250 A, B*, C□	35...100/1	—	180	4	20	100	300/25a	125	Intm	
p S PE BF 35	BC 251 A, B*, C□	125...260/2	< 10	130	4	45	100	300/25a	125	Intm	
p S PE BF 33	BC 252 A, B*, C□	125...260/2	< 10	130	4	20	100	300/25a	125	Intm	
p S PE BF 33	BC 253 A, B*, C□	125...260/2	< 4	130	4	20	100	300/25a	125	Intm	
p S PE BF 36	BC 256 A, B*	125...260/2	< 10	130	4	64	100	300/25a	125	Intm	
p S PE BF 33/6	BC 260, 1, 2, 3, 6	(*)	(*)	(*)	(*)	(*)	(*)	300/25a	175	Intm	
n S PE BF 35/4	BC 267, 8, 9	(*)	(*)	150	10	(*)	1000	375/25a	175	Ates	
n S PI BF 33	BC 270	50...900/2*	3	150	10	20e	1000	375/25a	175	Ates	(*) Vedi BC 107...9. * In 5 gruppi, vedi BC 107. * V_{CM} = 45 V, β = 125...300.
n S PE BF 33/5	BC 271, 2*	100...200/10	—	175	—	25	—	300/25a	175	Ates	
n S PI BF 34	BC 280 A, B*	100...300/1	2,5	—	2	40e	100	360/25a	200	SGS	* β = 200...600, F_b = 2 dB. * I_c = 30 μA, f = 1 kHz. * β = 100...300, F_b = 0,8 dB. * I_c = 20 μA, f = 1 kHz. V_{sat} < 0,5 V.
n S PI BF 34	BC 280 C	200...600/1	1,5*	—	2	40e	100	360/25a	200	SGS	
p S PE BF 35	BC 281 A, B*	50...200/1	1	—	4,7	45e	200	360/25a	200	SGS	
p S PE BF 35	BC 281 C	150...600/1	0,7*	—	4,7	45e	200	360/25a	200	SGS	
n S PE BF 34	BC 282	50...300 50	—	—	5,5	30e	600	400/25a	200	SGS	
p S PE BF 34	BC 283	40...270/50	—	—	7	30	600	400/25a	200	Fair	BC 282: Complem. a BC 283. * 5000/25c. * 4000/25c. Compl. a BC 286.
n S PE BF 45	BC 286	20...180/500	—	100	12	60e	1000	800/25a*	200	Fair	
p S PE BF 45	BC 287	20...200/500	—	200	13	60	1000	800/25a*	200	Fair	

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a $T_{a o}$ T_c (°C)	T_{JM} (°C)	Fabbricante	Osservazioni
n S PE BF 45 n S PE BF 47 6	BC 293 BC 300, 1*	30...200/2000 40...140/150	— —	80 120	45 12	60e 130	5000 1000	800/25a 900/25a□	200 200	SGS Ates	$t_r < 350$ ns a $I_c = 5$ A. * $V_{CM} = 90$ V, $\beta < 260$. □ 7 W/25c.
n S PE BF 55 n S PE BF 56 p S PE BF 55 p S PE BF 35/4 p S PE BF 44	BC 302-4, -5*, -6□ BC 303 BC 304-4, -5*, -6□ BC 307, 8, 9 BC 313	40...80/150 — 40/150 40...80/150 (*) > 40/300	— — — (*) —	120 — — 130 200	10 — 15 4 7	45e 85e* 45e (*) 40e*	1000 1000 1000 200 1000	5000/50c 5000/50c 5000/50c 280/25a 800/25a	175 175 175 150 180	Ates Ates Ates Tele Sesc	$\beta = * 70...140$ e □ 120...240 * 65 V massimo a base aperta * □ Vedi BC 302, compl. (*) Vedi BC 157, 8, 9. * 70b. - Compl. a BC 211.
n S PI BF 35 n S PI BF 34 n S PI BF 33	BC 317, A*, B□ BC 318, A*, B□, C ^A BC 319, B□, C ^A	125...500/2 125...900/2 240...900/2	< 6 < 6 < 4	— — —	— — —	45e 30e 20e	— — —	310/25a 310/25a 310/25a	125 125 125	Fair Fair Fair	$\beta = * 125...260/2$ e 90/0,01. - □ 250...500/2 e 150/0,01. - ▲ 450...900/2 e 270/0,01.
p S PI BF 35 p S PI BF 34 p S PI BF 33	BC 320, A*, B□ BC 321, A*, B□ BC 322, B*	110...450/2 110...800/2 200...800/2	< 6 < 6 < 4	— — —	— — —	45e 30e 20e	— — —	310/25a 310/25a 310/25a	125 125 125	Fair Fair Fair	* $\beta = 110...220/2$ e 80/0,01. - □ $\beta = 200...450/2$ e 150/0,01.
p S PE BF 35/3 n S PE BF 35/3	BC 327, 8* BC 337, 8*	350/100 350/100	— —	100 100	12 12	45e 45e	800 800	360/25a 360/25a	150 150	Siem Siem	* $V_{CEM} = 25$ V. * $V_{CEM} = 25$ V.
n S PE BF 44 n S PE BF 45 p S PE BF 44 5	BC 340 BC 341 BC 360, 1	40...250/50* 40...160/50* (*)	— — —	100 100 100	10 10 10	40 60 (*)	500 500 500	800/25a 800/25a 800/25a	200 200 200	Intm Intm Intm	* V. BC 160 - Compl. a BC 360 * V. BC 161 - Compl. a BC 361 (*) V. BC 340, 1, compl.
p S PE BF 23 n S PE BF 32	BCW 29, 30* BCW 31, 2*, 3□	120/2 110/2	— —	150 300	7 4	20e 20e	50 50	110/25a 110/25a	125 125	RTC RTC	* $\beta = 250$ $\beta = * 200, \square 420$. { Per circuiti ibridi.
+ p S AI BF 34/5	BCY 10, 1*, 2□	24 (> 12)/30 15 (> 10)/150	7 < 20	1,5	90	32	500	260/45a 350/45a ^A	150	RTC	* $V_{CM} = 60$ V. - □ $\beta = 40$ a $I_c = 30$ mA, ≥ 10 a 0,3 A. - ▲ Con alette.
+ p S AI BF 36 + p S AI BF 34	BCY 30, 1*, 2□ BCY 33, 4*	10...30/20 10...30/20	8 8	1,7 1,5	28 28	64 32	100 100	250/25a 250/25a	150 150	RTC RTC	* $\beta = 13...55$. - □ $\beta = 17...70$. * $\beta = 13...55$, $f_t = 2,4$ MHz.
+ p S AI BF 34 + p S AI BF 36	BCY 38 BCY 39	10...20/150 10...50/150	— —	> 0,45 > 0,45	75 75	32 64	500 500	410/45c 410/45c	150 150	RTC RTC	$\beta = 15$ (< 45) a $I_c = 10$ mA. $\beta = 15...100$ a $I_c = 10$ mA.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CEM} (V)	I_{CM} (mA)	P_{TAM} (mW) / a T_{j0} T_c (°C)	T_{jM} (°C)	Fabbri- cante	Osservazioni
$\pm$ p S Al BF 34	BCY 40	10 50/150	—	0,45	75	32	500	410/45c	150	RTC	$\beta = 15 \dots 100$ a $I_c = 10$ mA.
n S PI DD 35	BCY 55	100 300/0,01	< 3	—	< 8	45	30	300/25a	175	RTC	$\Delta \beta < 17 \%$.
n S PE BF 35	BCY 56	100 450/2*	1,5□	250	4,5	45	100	300/25a	175	RTC	* > 40/0,01. - □ $I_c = 0,2$ mA.
n S PE BF 33	BCY 57	200 800/2*	1,5□	350	4,5	20e	100	300/25a	175	RTC	* > 100/0,01. - □ < 5 dB.
n S PI BF 44	BCY 58	90 600 2*	2□	300	3,7	32	200	1000/45c	200	Siem	* Gr. VII: 180, VIII: 230, IX: 290, X: 450. - □ $I_c = 0,2$ mA.
n S PI BF 45	BCY 59	90 600 2*	2□	300	3,7	45	200	1000/45c	200	Siem	Ra = 2 kΩ, f = 1 kHz.
n S PE BF 45	BCY 65	90 600/2*	2	300	3,7	60e	200	1000/45c	200	Siem	Similare a 2 N 2483. - * Vedi BCY 58.
n S PE BF 45	BCY 66	290 (· 180)/2	—	300	3,7	45	200	1000/45a	200	Siem	$\beta = 300$ a $I_c = 0,1$ A e 150 a 10 μA.
p S PE BF 45	BCY 67	330 (> 175) 2	< 4*	180	4,5	45e	50	770 25a	200	Siem	* A 100 Hz, $I_c = 20$ μA.
p S PE BF 34	BCY 70, 1*	> 50/10	—	> 250	—	40	200	350/25a	180	RTC	* $\beta > 100$, $f_t > 300$ MHz.
p S PE BF 33	BCY 72	> 50/10	—	> 200	—	25	200	350/25a	180	RTC	$V_{sat} = 0,5$ V a 50 mA
p S PE BF 34	BCY 78	125 500/2*	< 6	200	11	32	200	300 115c	175	Siem	* Gruppo VII: 125...250, gr. VIII: 175...350, gr. IX: 250...500.
p S PE BF 35	BCY 79	125 500/2*	< 6	200	11	45	200	300/115c	175	Siem	
n S PI DD 25	BCY 87, 8*, 9□	> 100/0 05	—	> 10	3 5	40e	30	150/25a	180	RTC	$\Delta V_{BR} = 1$, * 2, □ 4 mV/° C.
p S D BF 34	BCY 90, 1*	10 35/1	4	25	9	40	100	250/25a	—	TrAG	$V_{BEM} = 20$ V. - * $\beta = 25 \dots 60$.
p S D BF 34	BCY 92	40 100/1	3,5	40	6	40	100	250/25a	—	TrAG	$V_{BEM} = 20$ V.
p S D BF 36	BCY 93, 4*	10 35/1	4	25	9	70	100	250/25a	—	TrAG	$V_{BEM} = 30$ V. - * $\beta = 25 \dots 60$.
p S D BF 36	BCY 95	40 100/1	3,5	40	6	70	100	250/25a	—	TrAG	$V_{BEM} = 30$ V.
p S D BF 36	BCY 96, 7*	10 35/1	4	25	11	90	100	250/25a	—	TrAG	$V_{BEM} = 30$ V. - * $\beta = 25 \dots 60$.
$\pm$ p S Al BF 33	BCZ 10, 11*	15 60/1	8	1	45	25	50	250/25a	150	RTC	* $\beta = 25 \dots 80$, $F_b = 6$ dB.
$\pm$ p S Al BF 35	BCZ 12	15 (· 10)/1	8	1	40	60	50	250/25a	150	RTC	
n S PE P 64	BD 106 A, B*	50 150/500	—	100	25	36	2500	12 W/25c	175	Intm	* $\beta = 100 \dots 300$ (≥ 70 a 1 A).
n S PE P 66	BD 107 A, B*	50 150/500	—	100	25	64	2500	12 W/25c	175	Intm	* $\beta = 100 \dots 300$ (> 70 a 1 A).
n S PE P 64	BD 109 B, C*	30 90/1000 42/2000	—	30	35	40e 60b	2000	15 W/45c 8 W□	175	Siem	* $\beta = 50 \dots 150$ a $I_c = 1$ A. □ Per $V_{CE} = 20$ V.
n S PE P 65	BD 111	90 (· 40)/2000	—	100	80	60	10 A	10 W 100c	150	SGS	Deflessione verticale TV 114°.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_{j0} o T_c ($^{\circ}C$)	T_{jM} ($^{\circ}C$)	Fabbri- cante	Osservazioni
n S PI P 68 n S PE P 75	BD 115 BD 117	50 (> 20) 50 70 (> 20)/5000	— —	120 50	5,8 < 120	180e 60e	150 5000	6000/125c 30 W 50c*	200 150	RTC SGS	2,3 W uscita BF, classe A. * 15 W/100. - β > 20 a 50 mA.
n S PE P 74/5 n S PE P 65 n S Me P 69 n S Me P 69 n S Me P 69 n S P PI 35	BD 121, 123* BD 125 BD 127 BD 128 BD 129 BD 130	40/100□ > 25 2000 70/50 50/50 60/50 20 70 4000	— — — — — —	90 > 60 20 20 > 10 1,3	95 — — — — —	35e 45e* 300e 350e 350e 60e*	5000 4000 150 150 150 15 A	45 W/25c 15 W/25a 8000 100c 8000 100c 8000/100c 117 W 25a	175 180 175 175 175 200	RTC RTC Tele Tele Tele Siem	* $V_{CEM} = 60$ V. - □ 20/5000. * 70b. - $V_{sat} < 2$ V a 2 A. Dell. vert. TV, $t_r = 500$ ns. Alimentazioni stabilizzate. Amplif. BF < 170 V alim. * 100b. - ≈ 2 N 3055.
n/p S PE P 65 n/p S PE P 65 n/p S PE P 66	BD 135/136* BD 137/138* BD 139 140*	40...250/150 40...160/150 40...160/150	— — —	250 250 250	— — —	45 60 80	1500 1500 1500	6500/85c 6500/85c 6500/85c	150 150 150	Tele Tele Tele	* $f_t = 75$ MHz. * $f_t = 75$ MHz. * $f_t = 75$ MHz. } Comple- mentari.
n S PI P 87 n S D P 85 n S D P 75/6 n S D P 63/4 n S D P 79	BD 141 BD 142 BD 148, 9* BD 162, 3* BD 215	20...70/2000 20...250/500* 40...250/500 > 30/1500 > 40/100	— — — — —	— 1,3 1 0,75 10	— — — — —	140* 50 60e 20e 300e*	13 A 15 A 4000 4000 500	117 W/25c 117 W/25c 24 W/25a 15 W/85c 22 W/25c	200 200 200 175 175	Ates Ates Siem Ates Ates	* 120 V a base aperta. * In 4 gruppi (4, 5, 6, 7). * $V_{CEM} = 80$ V, $\beta = 40$. .160 * $\beta > 20$, $V_{CM} = 40$ V. * 400b.
n S D P 85/7	BDY 10, 11*	10...50/2000	—	2	350	50	4000	130 W/45c	175	RTC	β ...10 a $I_c = 4$ A. - * $V_{CM} = 100$ V.
n S PE P 64 n S PE P 65	BDY 12 B, C* BDY 13 B, C*	30...90/1000 30...90/1000	— —	> 30 > 30	35 35	40e 60e	2000 2000	15 W/45c 15 W/45c	175 175	Siem Siem	$V_{CEM} = 60$ V. - * $\beta = 50$. .150. $V_{CEM} = 80$ V. - * $\beta = 50$. .150.
n S PE P 64 n S PE P 66	BDY 15 BDY 16	50...600 500* 50...300 500*	— —	100 100	25 25	36 64	4000 4000	11 W/25c 11 W/25c	175 175	Intm Intm	* Tipi A: 50...150 (> 15/ 2500), B: 100...300 (> 25/ 2500), C: > 200.
n S PI P 85 n S PI P 86	BDY 17 BDY 18, 19*	> 20/4000 > 20/4000	— —	1 1	— —	60e* 70e	25 A 25 A	115 W/25c 115 W/25c	200 200	RTC RTC	* 80b. * $V_{CEM} = 80$, $V_{CEM} = 150$ V.
n S PI P 85/8 n S PE P 75 n S D P 84	BDY 23...28 BDY 34 BDY 38	15...180/2000 20...300/2000 30/2000	— — —	> 10 > 80 > 1	— < 70 —	(*) 45e* 40e*	6000 3500 6000	85 W/25c 16 W/45c 115 W/25c	200 125 190	Sesc Tele RTC	(*) V. 180...5 T 2, equival. * 65b. - $t_{off} < 1$ μ s. * 50b. - $V_{sat} < 0,7$ V a 2 A.
n S D P 85 n S ME P 85 7	BDY 39 BDY 55, 56*	20...70/4000 20...70/4000	— —	1,1 10	— —	60e* 60e	10 A 15 A	75 W/25a 115 W/25c	200 200	Siem Sesc	* 100b. * $V_{CEM} \approx 120$, $V_{CEM} = 180$ V.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_c o T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
n S ME P 86 7 n S PE P 65 n S PE P 64	BDY 57, 58* BDY 60, 1* BDY 62	20...60/10 A 45/500 45/500	— — —	10 100 100	— — —	80e 60e 30e	30 A 10 A 10 A	150 W/25c 15 W/100c 15 W/100c	200 200 200	Sesc RTC RTC	* $V_{CEM} = 125$, $V_{CBM} = 160$ V. $V_{sat} < 0,7$ e * $< 0,5$ V a 5 A. $V_{sat} < 0,9$ V a 5 A.
n S D P 75 n S D P 77 n S D P 85/7 n S D P 84/5 n S D P 87 n S D P 75/7	BDY 71 BDY 72 BDY 73, 4* BDY 75, 6* BDY 77 BDY 78, 9*	80...200/500 60...180/500 50...150/4000 40...120/12 A 40...120/8000 25...100/500	— — — — — —	$< 0,8$ $> 0,8$ $> 0,8$ $> 0,8$ $> 0,8$ > 8	— — — — — —	55e 120e 60e 40e 150e 55e	4000 3000 15 A 20 A 16 A 4000	28 W/25c 25 W/25c 117 W/25c 150 W/25c 150 W/25c 25 W/25c	200 200 200 200 200 200	Sesc Sesc Sesc Sesc Sesc Sesc	$V_{sat} < 1$ V a $I_c = 0,5$ A. ≈ 2 N 3441. * $V_{CEM} = 120$ V. * $V_{CEM} = 60$ V. ≈ 2 N 3773. * $V_{CEM} = 120$ V.
n S PI HF 47 n S Me HF 47 n S PI HF 58	BF 108 BF 109 BF 110	50 (> 15)/30 $> 20/10$ $> 30/10$	— — —	100 > 80 150	2,5 < 3 1,5	135 135 160e	— 50 40	800/25a 1200/100c 2500/25c	200 175 175	Cos RTC Siem	$P_{DM} = 2,5$ W a 25°C sulla cu- stodia - Uscita video. Uscita video. Uscita video.
n S PE VH 34	BF 115	45...165/1 $> 40/20$	3,5* 1,2□	270	0,5	30e 50b	—	160/25a 140/50a	175	Cos	* A 100 MHz, $I_c = 1$ mA. □ Amplif. 200 kHz.
n S PE HF 47 n S PE HF 38 n S PE VH 34 n S PE HF 33 n S PE HF 34 n S PI HF 47	BF 117 BF 120 BF 121 BF 123 BF 125 BF 140	$\geq 25/30$ $> 20/10$ 75 (< 30)/4 90 (< 38)/7 — 50 (< 15)/10	— — 1,6* — — —	≥ 80 — 350 550 — 100	$< 2,5$ — 0,14 0,23 — 1,5	140 220e 30e□ 25e 30e 135	100 50 25 25 25 —	1270/100c 300/25a 265/45a 265/45a 330/25a 800/25a	175 175 125 125 125 200	Intm Intm Intm Intm Intm Cos	Uscita video. Pilota tubi uscita riga. * A 1 MHz - □ 40b. FI-TV senza CAG. $P_{DM} = 2,5$ W a 25°C s. cust.
n S PE VH 32 n S PI HF 33 n S PI HF 32	BF 152 BF 159 BF 160	50 (> 20)/3 50/4 50/3	— — —	800 > 400 > 400	1 0,8 < 2	12e 20e 12e	— — —	200/25a 310/25a 310/25a	125 125 125	Fair Fair Fair	Conv. T.V. e F.M. GP = 22 dB a 40 MHz.
n S PI UH 35 n S PI VH 34 n S PI HF 34 n S PI VH 24 n S PI VH 33	BF 161 BF 162 BF 163 BF 167 BF 173	60 (> 20)/3 70/4 70/4 57 (> 26)/4 88 (> 38)/10	6,5 5,5 3 3 —	> 400 > 400 > 400 350 550	0,3 0,8 0,8 0,15 0,23	50 40 40 30e 25e	20 — — 25 25	175/25a 310/25a 310/25a 130/45a 260/45a	175 125 125 175 175	SGS Fair Fair Siem Siem	GP = 12 dB a 800 MHz. GP = 15 dB a 200 MHz. GP = 22 dB a 40 MHz. $V_{CBM} = 40$ V. - FI - TV, CAG (60 dB). $V_{CBM} = 40$ V. - FI - TV, sen- za CAG, GP = 26 dB.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_{j0} T_c (°C)	T_{jM} (°C)	Fabbri- cante	Osservazioni
n S PE HF 34	BF 176	65 (> 20) 10	—	< 300	< 1	40	—	250/25a	125	SGS	GP > 26 dB/35 MHz. Uscita FI-TV.
+n S PI HF 47	BF 177	> 20/15	—	120	1,3*	100	40	600/55a	175	RTC	* < 3,5. - Video.
+n S PI HF 58	BF 178	> 20/30	—	120	1,3*	160	50	1700/100c	175	RTC	* < 3,5. - Video.
+n S PI HF 58	BF 179 A, B*, C□	> 20/20	—	120	1,3	160	50	1700/100c	175	Siem	$V_{CM} = * 220 \text{ e } \square 250 \text{ V}$, TVC.
n S PI UH 23	BF 180	45 (> 12) 2	7	675	0,28	20e	20	150/25a	175	RTC	GP=9 (> 7,5) dB a 800 MHz.
n S PI UH 23	BF 181	30 (> 12) 2	—	600	0,9	20e	20	150/25a	175	RTC	GP = 8 dB a 800 MHz.
n S PI UH 23	BF 182	20 (> 10) 2	—	600	0,3	20e	15	130/25a	175	RTC	GP = 9 dB a 900 MHz.
n S PI UH 23	BF 183	20 (> 10) 3	—	800	0,3	20e	15	130/25a	175	RTC	VHF e UHF.
n S PE HF 23	BF 184	67...220 1	2*	260	< 0,9	20e	30	145/45a	175	Tele	* A 1 MHz, conversione.
n S PE VH 23	BF 185	36...125 1	4*	200	< 0,9	20e	30	145/45a	175	Tele	* A 100 MHz.
+n S PE HH 58	BF 186	50 (> 20) 40	—	120	2,5	165b	50	2500/150c	200	RTC	Luminanza TVC.
n S PE VH 33	BF 194	65...220/1	1,2*	260	0,95	20e	30	220/25a	125	RTC	* A 1 MHz, 4 dB a 100 MHz.
n S PE VH 33	BF 195	35...125 1	3,5*	200	0,95	20e	30	220/25a	125	RTC	* A 1 MHz, 4 dB a 100 MHz.
n S PI HF 34	BF 196, 8*	80/4	3	375	0,22	30e	25	200/45a	175	Tele	FI - TV con CAG. - * $C_{cb} = 0,16 \text{ pF}$.
n S PI HF 34	BF 197, 9	87 7	—	550	0,32	30e	25	200/25a	175	Tele	FI - TV senza CAG.
n S PI VH 23	BF 200	30 (> 15)/3	2,7*	650	0,28	20e	20	150/25a	175	RTC	* A 200 MHz. - GP = 22 dB a 200 MHz.
n S PE HF 33	BF 223	83 15	—	850	0,3	25e	40	330/25a	140	Tele	FI - TVC. - Cust. plastica.
n S PE HF 34	BF 224	85 (> 30) 7	—	800	0,23	30e	—	360/25a	125	TI	GP = 44 dB ott. a 35 MHz.
n S PI HF 34	BF 225	75 (> 30) 4	—	650	0,22	40e	—	360/25a	125	TI	GP = 42 dB ott. a 35 MHz, CAG.
n S PE HF 13	BF 227	100 3	—	600	0,23	25e	40	50 45a	125	Tele	In plastica, per moduli.
n S PI C 26	BF 228	> 30/2	—	> 50	—	90e	50	60 25a	125	Tele	Comando tubi neon.
n S PI HF 13	BF 229	115 1	2*	260	0,95	20e	30	50 45a	125	Tele	* 1 MHz. - Per moduli.
n S PE VH 13	BF 230	67 1	4*	200	0,95	20e	30	50 45a	125	Tele	* 100 MHz. - Per moduli.
n S PE HF 35	BF 232	30...230 7	—	600	0,34	48e*	30	270/25a	175	Siem	FI - TV. - * 25 V a base aper.
n S PE HF 34	BF 233	40...350/1*	3,5□	250	0,8	30	30	300/25a	125	Sesc	* Gruppi 2: 40...70, 3: 60...100, 4: 90...150, 5: 140...220, 6: 200...350. - □ A 1 MHz.
n S PE HF 34	BF 234	90...330	3*	250	0,75	30	30	300/25a	125	Sesc	* A 1 MHz, 3,5 dB a 200 kHz.
n S PE VH 34	BF 235	40...165/1	3,5*	250	0,75	30	30	300/25a	125	Sesc	* A 100 MHz, stadi di entr.
n S PE HF 34	BF 237, 8*	> 30/1	—	—	0,23	30e□	30	360/25a	125	TI	* $\beta > 70$ a $I_c = 1 \text{ mA}$. - □ 45b.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_C (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c (°C)	T_{jM} (°C)	Fabbri-cante	Osservazioni
n S PE VH 34	BF 240, 1*	65...225/1	3,5	400	0,33	40	25	225/25a	125	Tele	* $\beta = 35$125. - * Senza CAG.
†p S PE HF 34	BF 243	> 30/1	1*	> 80	1,1	32e	50	200/25a	125	TI	* 1 MHz. - P. sost. p-n-p Germ.
†n S PE HF 33	BF 248	30...300/10*	—	250	6	25e	600	400/25a	175	TI	* Gruppi 1: 30...70, 2: 60...140, 3: 120...240, 4: 220...300.
†p S PE HF 33	BF 249	30...300/10*	—	250	6	25e	600	400/25a	175	TI	* Vedi BF 248, complement.
†n S PI HF 32	BF 250	> 75/0,1	< 4*	20	8	15	600	400/25a	175	TI	* Fra 10 Hz e 15 MHz, 0,1 mA
n S PI HF 24	BF 251	80 (> 30)/4	3	600	0,2	30	—	150/25a	175	SGS	GP = 33 (> 28) dB a 36 MHz.
n S PI VH 24	BF 252	55 (> 30)/2	3	400	0,37	30e	—	150/25a	175	SGS	GP = 22 (> 19) dB a 100 MHz.
n S PE VH 33	BF 254, 5	(*)	(*)	(*)	0,95	20e	30	180/45a	125	Tele	V. BF 194, 5, id. salvo cust.
n S PE HF 48	BF 257, 8*	> 25/30	—	110	3,5	160e	100	800/25a□	200	Sesc	* $V_{CFM} = 250$ V. - □ 5000 25c.
n S PE HF 49	BF 259	> 25/30	—	110	3,5	300e	100	800/25a*	200	Sesc	* 5000 25c. Video a colori.
n S PI VH 35	BF 260	100/1	—	700	0,19	45b	50	190/25a	175	Ates	GP = 22 dB a 200 MHz.
n S PI HF 34	BF 261	100/1	—	700	0,19	40b	50	190/25a	175	Ates	GP = 28 dB a 35 MHz, CAG = 60 dB.
n S PE HF 34	BF 271	75 (> 55)/10	—	1000	0,19	40	30	240/25a*	175	SGS	FI - TV senza CAG - * 400/25c
p S PE UH 24	BF 272	60 (> 30)/3	4	1000	0,35	35e	20	150/25a	175	SGS	GP = 11 dB a 800 MHz.
n S PE HF 24	BF 273	> 40/1	2*	600	0,35	35e	50	150/25a	125	SGS	* A 600 kHz.
n S PI HF 24	BF 274	> 70/1	—	600	0,35	35e	—	150/25a	125	SGS	Amplif. FI 0,47 e 10,7 MHz.
n S PE HF 34	BF 291	60...180/10	—	380	2,5	40e	100	360/25a*	200	SGS	Pilota video - * 1200/25c.
n S PE BF 48/9	BF 297, 8, 9	30...150	—	95	4	(*)	100	625/25a	150	TI	Ampl. BF - (*) V. BF 257...9.
n S PI HF 34	BF 302	36...200/1	—	600	< 0,3	30	50	190/25a	175	Ates	Amplificaz. FI 10,7 MHz.
n S PI HF 34	BF 303	100...210/1	—	550	< 0,3	30	50	190/25a	175	Ates	Amplif. e conv. ricev. AM.
n S PI HF 34	BF 304	36...120/1	—	550	< 0,3	30	50	190/25a	175	Ates	Amplificaz. FI 470 kHz.
n S PE HF 57	BF 305	> 30/15	—	100	3,5	150e	50	1700/130c	175	Ates	Uscita video.
n S PI HF 35	BF 306	> 39/7	—	500	< 0,4	45b	50	250/25a	175	Ates	Uscita FI - TV.
n S PI VH 34	BF 310	> 28/4	—	450	< 0,12	30e	25	250/25a	125	Tele	Per base comune, 100 MHz.
n S PI HF 33	BF 311	80 (> 40)/15	—	750	0,3	25e	40	350/25a	140	Tele	FI - TVC, senza CAG.
n S PE VH 34	BF 314	> 28/4	2*	450	0,1*	30	25	300/25a	150	Tele	* Base comune, 100 MHz.
p S PI HF 33	BF 315	150 (> 60)/10	3,5*	500	2,2	20e	100	320/45a	200	SGS	Video - * A 1 MHz
p S PI UH 24	BF 316	50 (> 30)/3	5*	550	0,25	35e	15	130/45a	175	SGS	* 800 MHz, GP = 11 dB.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente a I_c (mA)	F_{L_1} (dB)	f_L (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_j (°C)	T_{JM} (°C)	Fabbri-cante	Osservazioni
p S PI HF 33	BF 317	150 (> 60)/10	3,5*	450	2,2	20e	100	160/45a	125	SGS	Video - *A 1 MHz.
n S PE HF 33	BF 321	60...380/1	—	125	2	20e	—	300/25a	125	Sesc	Amplificazione FI-AM.
n S PE HF 34	BF 329	70/1	—	700	0,2	40b	50	250/25a	125	Ates	FI-TV, CAG 60 dB.
n S PE HF 33	BF 330	38/7	—	550	0,3	25e	25	250/25a	125	Ates	FI-TV, uscita.
n S PI VH 33	BF 332, B□	220 (> 65)/1	4*	600	0,85	20e	30	250/25a	125	Ates	* 100 MHz - □ β > 100.
n S PI VH 33	BF 333, C□, D*	120 (> 35)/1	4*	400	0,85	20e	30	250/25a	125	Ates	* A 100 MHz - β = □ 120 (> 70). ▲ 75 (> 35).
p S PI HF 34	BF 341, 2*, 3□	45...150/1	1	80	1,4	32e	50	200/25a	150	TI	β = * 60...150 e □ > 30.
n S PI UH 32	BF 357	20...350/5	7	1600	0,85	15e	50	200/25a	150	TI	Amplif. ed Osc. < 1,5 GHz.
n S PI UH 33	BF 384, 5*	75...750/1	3	800	0,75	20e	30	250/25a	150	TI	* β = 34...140 - Amplific. e oscillatore < 800 MHz.
n S PE HF 59	BF 390	> 20/20	—	120	1,3	300	100	2000/125c	175	Ates	Video a colori - $rbb' < 75 \Omega$
p S PE BF 46	BF 397 A, B*	40...150/10	—	240	2,5	90e	100	625/25a	150	TI	Amplificazione BF classe A
p S PE BF 47	BF 398 A, B□	30...100/10	—	240	2,5	150e	100	625/25a	150	TI	* β = 130...250. - □ β = 80...200.
n S PI BF 24	BFS 13	200 (> 30)/0,01*	1,9	90	< 7	40	—	60/25a	125	SGS	* > 50/0,1...10. } Complementari.
p S PI BF 24	BFS 14	210 (> 20)/0,01*	2,5	40	< 7	40	—	60/25a	125	SGS	* > 40/0,1...10. }
n S PE C 24	BFS 15	130 (> 35)/1*	—	400	< 4	30e	—	60/25a	125	SGS	* > 50/50. }
p S PE C 24	BFS 16	90 (> 25)/1*	—	210	< 10	30e	—	75/25a	125	SGS	* > 30/80. }
n S PE UH 22	BFS 17	> 20/2	4,5*	1300	< 1,5	15e	50	110/25a	125	RTC	* 500 MHz. } Per circuiti ibridi.
n S PE VH 23	BFS 18	125/10	4*	200	1	20e	30	110/25a	125	RTC	* 100 MHz. }
n S PE VH 23	BFS 19	225/10	4*	260	1	20e	30	110/25a	125	RTC	* 100 MHz. }
n S PE VH 23	BFS 20	85 (> 40)/7	—	450	0,8	20e	25	110/25a	125	RTC	
n S PI VH 63	BFS 22	5/500	—	700	—	18e	2250	8000/25c	200	RTC	4 W/175 MHz, GP > 8 dB.
n S PI VH 64	BFS 23	5/500	—	500	—	36e	1500	8000/25c	200	RTC	4 W/175 MHz, GP > 11 dB.
p S PE HF 23	BFS 26	110 (> 30)/1*	3,5	550	< 7	20	—	60/25a	125	SGS	* > 10/50. } Complementari.
n S PE HF 23	BFS 27	120 (> 30)/1*	6	400	< 4	20	—	60/25a	125	SGS	* > 10/50. }
n S DD HF 32	BFS 49	> 30/3	> 6	> 600	1,7	12e	—	300/25a	200	SGS	Amplificazione a larga banda.
n S PE UH 53	BFS 50	> 10/120	—	> 600	4,5	20e	400	3000/75c	200	Tele	1 W uscita a 400 MHz.
n S PE VH 53	BFS 51	> 15/500	—	> 450	15	20e	750	5000/75c	200	Tele	1 W uscita a 175 MHz.
n S PE VH 33	BFS 62	85 (> 38)/7	4*	> 580	0,3	25e	25	260/45a	175	Tele	* A 200 MHz, $I_c = 2$ mA.
n S PE C 36	BFS 99	> 20/20	—	—	—	90e	—	300/25a	175	Ates	Comando neon.
n S PE UH 43	BFW 16	25/50...150	—	> 1500	2,5	25e	150	700/25a	150	RTC	* 3500/25c. - Amplif. antenna.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_C (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c (°C)	T_{jm} (°C)	Fabbri- cante	Osservazioni
n S PE UH 43	BFW 17	> 25/150	—	1350	1,7	25e	300	700/25a*	200	RTC	1 W/500 MHz - * 3500/25c.
n S PE VH 43	BFW 19	20...120/50	—	> 500	< 3,5	20e	—	600/25a	200	SGS	GP > 6 dB a 250 MHz, η = 60%.
p S PI HF 35	BFW 20	100...450/1*	0,8□	> 40	< 6	60	—	360/25a	200	SGS	* 100...300/0,01 e > 60/1 μ A ...50 mA. - ▲ 250...500/ 0,01 e > 180/1 μ A...50 mA. - □ 1 kHz. - ** V_{CM} = 60 V.
p S PI HF 36	BFW 21	100...450/1*	0,8□	> 40	< 6	80	—	360/25a	200	SGS	
p S PI HF 35	BFW 22, 23**	250...600/1*	0,5□	> 40	< 6	45	—	360/25a	200	SGS	
n S PE C 45/4	BFW 24, 26*	40...120/150□	3,5	> 60	< 25	60e	—	800/25a	200	SGS	* V_{CEM} = 40 V - □ > 20/0,1...500.
n S PE HF 54	BFW 29	45...100/6*	5	80	15	30e□	400	2000/25c	175	LTT	* > 45/140. - □ 50b. *
n S PE UH 32	BFW 30	> 25/5...50	—	> 1000	< 1,5	10e	100	250/25a□	200	RTC	□ 350/25 c. - Amplif. antenna.
p S PE HF 34	BFW 31	150 (> 70)/100*	3	200	7	30e□	700	500/25a*	150	TI	Complementari - * > 30/10. □ 50 b. - ▲ 1800/25c.
n S PE HF 34	BFW 32										
n S PI HF 47	BFW 33	40...120/150□	—	70	13	100e	—	800/25a	200	SGS	□ > 20/0,1...10 - * 5 W/25c.
n S PE HF 58	BFW 36	30...120/200*	—	120	15	180	400	2000/25c	175	LTT	* 40...120/10 e > 10/1..
n S PE HF 57	BFW 37	40...120/6*	—	100	6	130	200	2000/25c	175	LTT	* > 40/50 e > 20/1.
p S PE HF 3/47	BFW 43, 44*	100 (> 40)/10□	—	60	5	150	—	400/25a	200	SGS	* P_{DM} = 0,7 W - □ > 40/1.
n S PI HF 47	BFW 45	20...120/50	—	120	4	130e	100	800/25a*	200	RTC	* 2500/150c - Ampl. oscillosc.
n S PI HF 37	BFW 47	40...120/150*	—	70	13	100e	—	500/25c□	200	SGS	* > 20/0,1...10 - □ 1800/25c.
n S PI HF 24	BFW 63	70 (> 25)/4	< 5*	> 400	0,2	30e□	—	150/25a	175	SGS	* A 60 MHz - □ 40b.
n S PI VH 24	BFW 64	70 (> 30)/4	< 6*	> 450	0,2	30e	—	150/25a	175	SGS	* A 200 MHz, GP > 18 dB.
n S PI VF 34	BFW 68	> 35/0,1...50	5,8*	> 250	< 4	40e	—	360/25a□	200	SGS	* A 100 MHz - □ 1200/25c.
n S PE VH 34	BFW 70	75 (> 30)/10	4,5*	> 750	< 0,3	30	—	240/25a	175	SGS	* A 200 MHz, GP = 22 dB.
n S PE UH 22	BFW 92	> 20/2	4*	1600	—	15e	25	130/25a	125	RTC	* A 500 MHz.
n S PI UH 33	BFW 98	35/50	—	1000	2,5	18e	1000	300/25a*	—	RTC	1 W/1 GHz - * 2500/25c.
p S PE DD 35	BFX 11	130 (> 50)/0,01	< 5	> 130	< 8	45	50	500/25a	200	SGS	Δ V_{BE} < 5 mV, < 20 μ V/°C.
+n S PE HC 32	BFX 12, 3*	20...60/10	6	> 150	4,5	15e	140	300/25a	175	RTC	* β = 50...250/10 - t_s < 150 ns.
n S PI (*) 35	BFX 16	> 175/0,01	< 3	> 60	< 6	45	—	500/25a	200	SGS	(*) Triplo differenziale. -
n S PI HF 44	BFX 17	> 35/100	—	250	< 12	40e	1000	800/25a	200	SGS	Δ V_{BE} < 5 mV, < 0,5 μ V/°C.
n S PI HF 33	BFX 18	> 20/3	2,5*	> 400	—	30	—	175/25a	200	SGS	2,5 W uscita a 150 MHz. * A 60 MHz, GP = 32 dB.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I _c (mA)	F _b (dB)	f _t (MHz)	C _{cb} (pF)	V _{CM} (V)	I _{CM} (mA)	P _{DM} (mW) / a T _a o T _c (°C)	T _{jm} (°C)	Fabbri- cante	Osservazioni
n S PI VH 33	BFX 19	> 20/3	3,5*	> 400	—	30	—	175/25a	200	SGS	* A 200 MHz, GP = 20 dB.
n S PI VH 33	BFX 20	> 20/3	6*	> 400	—	30	—	175/25a	200	SGS	* A 450 MHz, GP = 12 dB.
n S PI UH 33	BFX 21	> 20/3	7*	> 400	—	30	—	175/25a	200	SGS	* A 800 MHz, GP = 10 dB.
p S PE HF 35	BFX 29, 30*	> 40/150	—	> 100	< 12	60	500	500/25a	200	RTC	* β > 10.
n S PE VH 55	BFX 33	> 25/80	—	—	—	55	400	2850/100c	200	Tele	Amplificazione antenna VHF.
n S PE HF 45	BFX 34	40...150/2000	—	100	40	60e*	5000	870/25a□	200	Fair	* 120b - □ 5000/25c.
p S PE HF 34	BFX 35	200 (> 80)/10	1	> 200	< 10	40	500□	360/25a*	200	SGS	* 1200/25c. - □ V _{sat} = 0,6 V.
p S PE DD 45	BFX 36	100...300/0,01	< 3	110	< 6	60	50	600/25a	200	SGS	Δ V _{BE} < 3 mV, < 10 μV/° C.
p S PI HF 35	BFX 37	70...300/0,01	< 3*	> 40	5	60	50	360/25a□	200	SGS	* A 1 kHz. - □ 1200/25c.
p S PE HF 45	BFX 38, 39*	120 (> 60)/500	—	150	15	55	1000	800/25a□	200	SGS	* β = 65 (> 25)/100. - □ 4000/25c.
p S PE HF 46	BFX 40, 41*	120 (> 60)/500	—	150	15	75	1000	800/25a□	200	SGS	* β = 65 (> 25)/100. - □ 4000/25c.
† n S PE VH 34	BFX 43	20...60/10*	—	500	4	30	250	360/25a	200	RTC	* > 12/100. - GP = 10 dB a 200 MHz.
† n S PE HF 34	BFX 44	40...120/10*	—	500	4	40	250	360/25a	200	RTC	* > 20/100. - Amplif. larg. b.
n S PE HF 23	BFX 45	100...400/10*	> 8	> 175	< 8	20e□	200	125/45a	125	RTC	* > 45/3. - □ 30b.
p S PE VH 34	BFX 48	160 (> 90)/10*	< 6□	> 400	< 3,5	30	100	360/25a	200	SGS	* > 40/0,01 - □ A 100 MHz.
n S PI UH 54	BFX 49	25 (> 10)/100	—	1300	1,8	36e	700	2500/25a	200	RTC	0,8 W a 0,5 o 0,5 W a 1 GHz.
n S PE HF 34	BFX 50, 1*	> 30/150	—	> 60	12	35e	1000	350/25a	200	RTC	* V _{CEM} = 30 V, β > 40.
n S PE HF 33	BFX 52	> 60/150	—	> 50	12	20e	1000	350/25a*	200	RTC	* 6000/25c.
n S PE VH 54	BFX 55	30...160/50	—	> 500	2,5	40e	400	3700/45c	175	Siem	GP=16 dB a 200 MHz, ampl. ant.
n S PE UH 33	BFX 59	120/20	< 3*	900	< 0,7	20e	100	200/55a	175	Siem	* A 200 MHz.
n S PE HF 33	BFX 60	> 50/7	5*	550	0,23	25e	25	230/25a	175	Siem	* A 200 MHz.
n S PI UH 24	BFX 62	40 (> 20)/2	5,7*	650	—	30b	12	150/45a	200	Siem	* A 800 MHz, GP = 12,5 dB.
n S PI DA 35	BFX 66, 7*	> 1600/10	< 6	—	< 30	60e	—	500/25a	200	SGS	* β > 4000/10.
n S PI HF 45	BFX 68	100...300/150*	3,5	100	18	50e	1000	700/25a□	200	SGS	* > 20/0,01...500. - □ 1700/100c.
n S PI HF 45	BFX 69	40...120/150*	6	80	18	50e	—	800/25a□	200	SGS	* > 20/0,1...500. - □ 1700/100c.
n S PE UH 32	BFX 73	50 (> 20)/3	3*	900	1	15e	50	200/25a	200	SGS	* 60 MHz. - 40 mW uscita a 500 MHz.
p S PI HF 45	BFX 74	30...90/150*	—	> 60	30	50	—	600/25a	200	SGS	* > 25/5.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_C (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{TAM} (mW) / a T_a o T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
p S PE HF 45 4	BFX 87, 8*	105 (> 40)/1□ 40 (> 25)/500	—	360 100	6 12	50	600	600/25a	200	RTC	* $V_{CM} = 40$ V. - □ 90 (> 40) 150. - $t_f < 150$ ns.
n S PE UH 32	BFX 89	> 20/3	< 6,5*	1000	1,7	15e	40	200/25a	200	RTC	Ampl. ant., > 6 dB/800 MHz.
p S PI BF 48	BFX 90	80...300/10*	< 3	40	7	180	—	400/25a□	200	SGS	* > 60/0,01 - □ 1400/25c.
p S PI BF 58	BFX 91	80...300/10*	< 3	41	7	240	—	700/25a□	200	SGS	* > 60/0,01 - □ 2500/25c.
n S PI HF 35	BFX 92, 3*	40...120/0,01	1,9	45	5	45e	30	300/25a	175	Fair	* $\beta = 100$. . .300/0,01.
n S PE HF 34	BFX 94, 5*	40...120/150	—	250	8	30e	800	400/25a	200	SGS	* $\beta = 100$. . .300/150.
n S PE HF 44	BFX 96, 7*	40...120/150	—	250	8	30e	800	800/25a	200	SGS	* $\beta = 100$. . .300/150, > 35/0,1
n S PI HF 47	BFX 98	100 (> 30)/25	—	90	3	150	100	800/25a*	200	Fair	* 3000/25c
n S PI DD 46	BFX 99	25...73/0,01 50 150/10	8 3,2	60 100	< 15 12	80e 60*	500	600/25a 1700/100c	200	SGS	$\Delta \beta < 15\%$, $\Delta V_{BE} < 1,5$ mV - * A base aperta.
† n S Me HF 35	BFY 10, 11*	25...50/10	20	60	< 3	45	50	300/25a	175	RTC	* $\beta = 40$. . .125.
n S PE HF 54	BFY 12B, C*, D□	20...60/100 30/0,1	—	> 180	4	40e 60b	500	2600/45c 520/45a	200	Siem	* $\beta = 40$. . .120 a $I_C = 100$ mA, 52 a 0,1 mA. - □ $\beta = 100$...300 a $I_C = 100$ mA, 110 a 0,1 mA.
n S PE HF 55	BFY 13B, C*, D□	20...60/100	—	> 180	4	60e	350	2600/45c	200	Siem	* □ Vedi BFY 12 C e D.
n S PE HF 56	BFY 14B, C*, D□	20...60/100	—	> 180	4	80e	250	2600/45c	200	Siem	* □ Vedi BFY 12 C e D.
n S PI HF 54	BFY 33	> 35/10 > 20/500	4*	100	18	30e 50b	500	2600/45c 520/45a	200	Siem	* $I_C = 0,3$ mA, $R_a = 500 \Omega$, 1000 ± 200 Hz.
n S PI HF 55	BFY 34	35/0,01 55 (> 20) 500	3,5*	100	18	50e 75b	500	2600/45c 520/45a	200	Siem	* $I_C = 0,3$ mA, $R_a = 500 \Omega$, 1000 ± 200 Hz. Identico a 2 N 1613.
† n S PE VH 56	BFY 44	20 (> 10)/10 20/150	—	180	> 6 < 10	66e 80b	1000	5000/25c 3000/100c	200	RTC	2,1 W uscita a 180 MHz. GP= 8,5 dB a base comune.
n S PI C 57	BFY 45	60 (> 40)/10	—	130	2,8	140e	30	2500/45c	200	Siem	Comando tubi neon.
n S PI HF 55	BFY 46	60 (> 20)/0,01 75 (> 40)/500	3*	120	18	50e 75b	500	2500/45c 520/45a	200	Siem	* $I_C = 0,3$ mA, $R_a = 500 \Omega$, 1000 ± 200 Hz. Identico a 2 N 1711.
n S PE C 44	BFY 50, 51*	> 30/150 > 15/1000	—	> 60	< 12	35e 80b	1000	800/25a 4000/40c	200	RTC	* $V_{CEM} = 30$ V, $V_{CRM} = 60$ V, $\beta > 40$ a $I_C = 150$ mA, $f_T >$ 50 MHz.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I_c (mA)	F_b (dB)	f_i (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_c o T_c (°C)	T_{jM} (°C)	Fabbri- cante	Osservazioni
n S PE HF 43	BFY 52	> 60/150	—	150	12	20e*	1000	800/25a□	200	RTC	* 40b. - □ 4000/40c.
n S PI C 44	BFY 55	40...120/150	—	> 60	12	35e	1000	800/25a	200	RTC	Identico a 2 N 2297.
n S PI HF 45	BFY 56	60/1	—	86	12	45e	1000	800/25a	200	SGS	$V_{CBM} = 80$ V.
n S PI HF 47	BFY 57	50/1	—	54	6	125	100	800/25a	200	SGS	Uscita video.
n S PI VH 42	BFY 63	70/50	—	750	2,8	15e	—	600/25a	200	SGS	$V_{CBM} = 30$ V. - GP = 6 dB a 200 MHz, 0,4 W.
p S PE HF 44	BFY 64	200/10	< 8	250	6	40	—	700/25a	200	SGS	Complementare a BSX 30 e a BFY 56.
n S PI C 46	BFY 65	> 30/2	—	> 50	—	90e	50	570/45a	175	Tele	Comando tubi neon.
n S PE VH 32	BFY 66	> 20/3	< 6	> 600	< 3	15e	—	200/25a	200	Tele	Identico a 2 N 918.
n S PI HF 45	BFY 67	40...120/150	< 12	> 60	< 25	50e	1000	700/45a	200	RTC	Identico a 2 N 1613.
n S PI HF 45	BFY 68	100...300/150	3,5	135	25	50e	1000	800/25a	200	RTC	Complementare a 2 N 1711.
n S PE HF 12	BFY 69	> 50/2	< 6	> 50	—	15e	—	50/45a	125	Tele	Subminiatura. - $V_{CBM} = 25$ V.
+ n S PE VH 54	BFY 70	> 20/500	—	210	7	40e	1000	5000/25a	200	RTC	1,2 W uscita a 180 MHz.
n S PI HF 44	BFY 72	90/10	—	350	5	28e	—	800/25a	200	SGS	$V_{CBM} = 50$ V.
n S PI HF 35	BFY 74, 5*	90/5	—	360	3	45e	—	360/25a	200	SGS	$V_{CBM} = 60$ V. - * $\beta = 130$.
n S PI HF 35	BFY 76	300/1	< 8	55	3,5	45	50	360/25a	200	SGS	$\beta = 105$ a $I_c = 10$ μ A.
n S PI HF 35	BFY 77	450/1	< 8	55	3,5	45	50	350/25a	200	SGS	$\beta = 290$ a $I_c = 10$ μ A.
n S PI VH 32	BFY 78	50/3	3*	900	2,4	12e	50	300/25a	200	SGS	$V_{CBM} = 25$ V. - * A 45 MHz.
n S PI C 36	BFY 80	> 30/2	—	> 50	—	90e	50	260/45a	175	Tele	Comando tubi neon.
n S PI DD 35	BFY 81	> 60/0,01	< 4	> 60	< 6	45	—	500/25a	200	SGS	$\Delta V_{BE} < 10$ mV, < 25 μ V/° C.
n S PI DD 35	BFY 82	> 50/10	—	> 250	< 3,5	45e	—	500/25a	200	SGS	$\Delta V_{BE} < 15$ mV, < 25 μ V/° C.
n S PI DD 45	BFY 83	> 50/10	< 8	> 50	< 15	60e	—	600/25a	200	SGS	$\Delta V_{BE} < 15$ mV, < 25 μ V/° C.
n S PI DD 32	BFY 84	> 20/3	< 6	> 600	< 1,7	12e	—	380/25a	200	SGS	$\Delta V_{BE} < 15$ mV, < 25 μ V/° C.
n S PE DD 35	BFY 85, 86*	> 150/0,1	< 6	> 50	< 8	45	100	130/45a	125	Tele	$\Delta \beta = 20$ e * 10 %.
n S PE HF 12	BFY 87	> 40/0,5	—	> 50	—	15e*	—	50/45a	125	Tele	* 25b.
n S PE UH 33	BFY 88	> 30/5	6,5	900	0,25	25e	25	175/45a	175	Tele	GP = 14 dB a 800 MHz.
n S PE UH 32	BFY 90	150 (> 25)/2	5*	> 1300	< 1,5	15e□	50	200/25a	200	RTC	* 500 MHz. - □ 30b.
n S PI HF 56	BFY 99	—	—	500	10	65	1000	4400/25c	200	Siem	> 2,5 W uscita a 260 MHz. - Similare a 2 N 3553.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_C (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a $T_{s o}$ T_c (°C)	T_{jM} (°C)	Fabbri- cante	Osservazioni
n S P E P 66/7	BLX 10, 1*, 2□	20...120/1000	—	> 10	—	80e	2000	11 W/50c	200	Tran	$V_{CEM} = * 100$ e □ 120 V.
n S P E P 66/7	BLX 16, 7*, 8□	20...120/3000	—	> 10	—	80e	5000	15 W/50c	200	Tran	$V_{CEM} = * 100$ e □ 120 V.
n S P E P 76/7	BLX 19, 20*, 1□	> 20/5000	—	> 10	—	80e	5000	45 W/50c	200	Tran	$V_{CEM} = * 100$ e □ 120 V.
n S P E P 86/7	BLX 22, 3*, 4□	> 10/10 A	—	> 10	—	80e	10 A	60 W/50c	200	Tran	$V_{CEM} = * 100$ e □ 120 V.
n S P E P 86/7	BLX 25, 6*, 7□	> 5/30 A	—	> 10	—	80e	30 A	150 W/50c	200	Tran	$V_{CEM} = * 100$ e □ 120 V.
n S P E P 96/7	BLX 28, 9*, 30□	> 5/40 A	—	> 10	—	80e	40 A	188 W/50c	200	Tran	$V_{CEM} = * 100$ e □ 120 V.
n S P E P 96/7	BLX 34, 5*, 6□	> 5/90 A	—	> 10	—	80e	90 A	300 W/50c	200	Tran	$V_{CEM} = * 100$ e □ 120 V.
p S P E P 66/7	BLX 40...2 6 8	> 10/(*)	—	> 20	—	(*)	(*)	(*)	200	Tran	V. BLX 10...8, complet.
p S P E P 76/7	BLX 49, 50*, 1□	> 10/5000	—	> 20	—	80e	5000	45 W/50c	200	Tran	$V_{CEM} = * 100$ e □ 120 V.
p S P E P 86/7	BLX 52, 3*, 4□	> 10/10 A	—	> 20	—	80e	10 A	60 W/50c	200	Tran	$V_{CEM} = * 100$ e □ 120 V.
p S P E P 86/7	BLX 55, 6*, 7□	> 10/30 A	—	> 20	—	80e	30 A	150 W/50c	200	Tran	$V_{CEM} = * 100$ e □ 120 V.
p S P E P 96/7	BLX 58, 9*, 60□	> 10/40 A	—	> 20	—	80e	40 A	188 W/50c	200	Tran	$V_{CEM} = * 100$ e □ 120 V.
p S P E P 96/7	BLX 61, 2*, 3□	> 10/60 A	—	> 20	—	80e	60 A	300 W/50c	200	Tran	$V_{CEM} = * 100$ e □ 120 V.
n S P E P 88/9	BLX 70, 1*, 2□, 3*	> 20/10 A	—	> 10	—	225e	30 A	100 W/50c	200	Tran	$V_{CEM} = * 250$, □ 300 e ▲ 375 V.
n S P E P 78/9	BLX 74, 5*, 6□, 7*	> 20/5000	—	> 10	—	225e	10 A	50 W/50c	200	Tran	$V_{CEM} = * 250$, □ 300 e ▲ 375 V.
n S P E P 78/9	BLX 78, 9*, 80□, 1*	> 20/2500	—	> 10	—	225e	5000	30 W/50c	200	Tran	$V_{CEM} = * 250$, □ 300 e ▲ 350 V.
p S P E P 85/7	BLX 82, 3*, 4□	> 7/20 A	—	> 2	—	60e	20 A	150 W/50c	200	Tran	$V_{CEM} = * 80$ e □ 100 V.
n S P E P 85/7	BLX 85, 6*, 7□	> 7/20 A	—	> 10	—	60e	20 A	150 W/50c	200	Tran	$V_{CEM} = * 80$ e □ 100 V.
+ n S P E V H 66	BLY 14	11 (> 5) 500	—	190	7.5	80	1000	8750/25c	200	RTC	3,6 W uscita a 180 MHz.
n S P I H F 87	BLY 17	> 5/1...10 A	—	70	100	100	10 A	100 W/25c	175	RTC	40 W uscita a 30 MHz, GP = 12 dB.
n S P E V H 64	BLY 20, 1*	> 5/500	—	200	15	30e	2000	14 W/55c	200	RTC	* $V_{CEM} = 45$ V. - 6 e * 12 W uscita a 180 MHz.
n S P I V H 66	BLY 22	—	—	500	10	65	1500	12 W/25c	200	Siem	> 3 W uscita a 400 MHz - Identico a 2 N 3375.
n S — V H 54/3	BLY 33, 4*	—	—	450	10	33e	500	2000/100c	150	RTC	3 W a 175 MHz. - * $V_{CEM} = 20$ V.
n S P I V H 74 3	BLY 35, 6*	—	—	250	—	33e	1500	17 W/25c	200	RTC	* $V_{CEM} = 20$ V, $I_{CM} = 2$ A.
n S P I U H 74	BLY 37	50/1000	—	700	—	36e	—	20 W/25c	200	RTC	6 W/470 MHz, GP = 7 dB.
n S P I U H 53	BLY 38	50/500	—	1000	—	18e	—	5000/25a	200	RTC	1,8 W/470 MHz, GP = 8 dB.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I _c (mA)	F _b (dB)	f _t (MHz)	C _{cb} (pF)	V _{CM} (V)	I _{CM} (mA)	P _{DM} (mW) / a T _j o T _c (°C)	T _{jM} (°C)	Fabbri- cante	Osservazioni
n S PE HF 87	BLY 40	15...60/3000	—	80	350	100	10 A	125 W/25c	150	LTT	25 W uscita a 12 MHz.
n S — HF 77	BLY 47, 48*	30...100/1030	—	25	< 200	100	5000	40 W/25c	175	Texa	* β = 60...200.
n S — HF 78	BLY 49, 50*	30...100/1000	—	25	< 200	100	5000	40 W/25c	175	Texa	* β = 60...200.
n S PI UH 63	BLY 53	50/1000	—	700	—	18e	—	10 W/25c	200	RTC	6 W/470 MHz, GP = 6 dB.
n S PI UH 54	BLY 76	30/250	—	1000	—	36e	—	5000/25c	200	RTC	1,8 W/470 MHz, GP = 8 dB.
n S PE VH 63	BLY 78	> 15/750	—	> 350	< 20	20e	1000	8000/75c	200	Tele	4 W/175 MHz, GP = 6 dB.
n S PE VH 73	BLY 79	> 15/1000	—	> 300	< 40	20e	2000	17 W/75c	200	Tele	11 W/175 MHz, GP = 4,5 dB.
n S PE VH 6/73	BLY 80, 1	(*)	—	(*)	(*)	20e	(*)	(*)	200	Tele	(*) Identico a BLY 78,9.
n S PI HF —	BLY 83, 4*, 5□	—	—	—	—	—	—	—	—	RTC	Identico a BLY 35, * 36, □ 34
n S PI VH 73	BLY 87	> 5/500	—	700	—	18e	3700	16 W/25c	200	RTC	8 W a 175 MHz, GP > 9 dB.
n S PI VH 73	BLY 88	> 5/500	—	700	—	18e	7500	29 W/25c	200	RTC	15 W a 175 MHz, GP > 7,5 dB.
n S PI VH 73	BLY 89	> 5/500	—	700	—	18e	10 A	44 W/25c	200	RTC	25 W a 175 MHz, GP > 6 dB.
n S PI VH 74	BLY 91	> 5/500	—	500	—	36e	2250	16 W/25c	200	RTC	8 W a 175 MHz, GP > 12 dB.
n S PI VH 74	BLY 92	> 5/500	—	500	—	36e	4500	16 W/25c	200	RTC	15 W a 175 MHz, GP > 10 dB.
n S PI VH 74	BLY 93	> 5/500	—	500	—	36e	4500	44 W/25c	200	RTC	25 W a 175 MHz, GP > 9 dB.
p S PE C 54/5	BSV 15, 6*	40...250/100□	—	> 50	< 30	40e	1000	3200/25c	175	Siem	* V _{CEM} = 60 V - □ 3 gruppi.
p S PE C 32	BSV 21	> 25/10	—	> 400	< 6	12	200	360/25a	200	TI	
n S PE C 36	BSV 51	> 30/15	—	> 50	—	80e	200	250/25a	150	Tele	Comando neon.
n S PE C 22	BSV 52	40/10	—	500	< 4	12e	50	110/25a	125	RTC	Per circuiti ibridi.
n S PE HC 34	BSV 59	30...120/150	—	> 250	—	30e	500	360/25a	200	SGS	tf = 25 (< 40) ns.
n S PE HC 46	BSW 10	> 25/1...500	—	> 200	< 10	65e*	800	800/45a	175	Tele	* 90b. - tr = 100 ns/150 mA.
n S PE HC 12	BSW 11	> 50/10	—	> 400	< 3	15e	30	50/45a	125	Tele	tf < 50 ns.
n S PE HC 13	BSW 12	> 40/10	—	> 300	< 6	20e*	200	50/45a	125	Tele	* 40b. - tr < 40 ns/10 mA.
n S PE C 23	BSW 13	> 40/10	—	> 280	< 5	15e	50	160/25a	160	Siem	Subminiatura.
n S PE HC 34	BSW 19	> 40/10	—	> 300	< 6	30e	100	215/45a	175	Tele	tr < 150 ns a I _c = 10 mA.
p S PE HC 34	BSW 20	> 40/10	—	> 130	< 6	30	100	235/45a	150	Tele	tf < 800 ns.
p S PE HC 33/5	BSW 21, A*	75...225/2	—	> 150	< 8	25e	200	300/25a	180	Sesc	tf = 200 ns. - * V _{CEM} = 50 V.
p S PE HC 33/5	BSW 22, A*	180...540/2	—	> 150	< 8	25e	200	300/25a	180	Sesc	tf = 200 ns. - * V _{CEM} = 50 V.
p S PE C 4/35	BSW 23, 4*	40...120/150	—	> 200	< 8	40e	600	600/25a	200	SGS	* P _{DM} = 0,4 W - ts < 80 ns.
p S PE HC 32	BSW 25	40...120/30	—	1200	3,3	12	—	360/25a	200	TI	tr = 10 ns a I _c = 30 mA.
n S PE HC 34	BSW 26	> 30/500	—	> 600	< 10	40e	1000	500/25a	200	TI	tr < 40 ns a I _c = 500 mA.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I _C (mA)	F _b (dB)	f _t (MHz)	C _{cb} (pF)	V _{CEM} (V)	I _{CEM} (mA)	P _{DM} (mW) / a T _{JO} o T _C (°C)	T _{JM} (°C)	Fabbri- cante	Osservazioni
n S P E H C 45	BSW 27, 28*	> 30 500	—	> 600	< 10	50e	1000	800/25a	200	TI	tr < 40 e □ < 50 ns 500 mA.
n S P E H C 44	BSW 29	> 35/500	—	> 600	< 10	30e	1000	1000/25a	200	TI	tr < 40 ns a I _C = 500 mA.
n S P E C 24	BSW 33	60...180/10	—	300	< 8	32e*	200	125/45a	200	RTC	* 40b. - ts = 150 ns a 10 mA.
n S P E C 25	BSW 34, 5*	60...300/10	—	300	< 8	45e	200	125/45a	200	RTC	* V _{CEM} = 60 V, β = 50...200.
n S P E H C 32	BSW 39, 40*	30...150/10	—	> 250	< 7	15e	200	300/25a	200	TI	ts < 20 e * < 30 ns/10 mA.
n S P E H C 33/5	BSW 42, A*, B□	75...220/2	—	> 150	< 8	25e	200	300/25a	125	Sesc	V _{CEM} = * 50 e □ 60 V.
n S P E H C 33/5	BSW 43, A*	180...540/2	—	> 150	< 8	25e	200	300/25a	125	Sesc	V _{CEM} = * 50 e □ 60 V.
n S P E H C 33/5	BSW 44, 5, A	(*)	—	> 150	< 8	(*)	200	300/25a	125	Sesc	Versione plast. BSW 21, 2 A.
n S P E C 47	BSW 66, 7*, 8□	> 40/100	—	80	< 35	100	2000	700/45a	200	RTC	V _{CEM} = * 120 e □ 150 V
n S P I C 27	BSW 69	> 30/4	—	130	—	150b	50	125/25a	125	RTC	Comando tubi neon.
p S P E C 33	BSW 72, 3*	40...120/150	—	200	< 8	25e	500	400/25a□	200	Intm	{ * β = 100...300. - □ 1800/
p S P E C 34	BSW 74, 5*	40...120/150	—	200	< 8	40e	500	400/25a□	200	Intm	25c. - Compl.: BSW 82...5.
n S P E C 33/4	BSW 82, 3, 4, 5	(*)	—	250	< 8	(*)	500	500/25a	175	Intm	(*) V. BSW 72...5, compl.
n S P E C 34	BSW 88, 9 A, B*	100...300/10	—	> 200	< 6	30e	200	230/45a	150	Tele	* β = 250...750.
n S P E H C 42	BSX 12	60/300	—	650	6,2	12e	100	600/25a	200	Fair	Comando memorie.
† n S P E H C 32	BSX 19, 20*	20...40/10	—	550	< 4	15e	500	360/25a	200	RTC	* β = 60...120. - ts = 5 e * 6 ns.
n S P E H C 64/6	BSX 22, 3*	> 35/500	—	100	—	32e	—	6000/25c	175	Intm	* V _{CEM} = 65 V, V _{CBM} = 90 V.
n S P I C 44	BSX 25	> 30/5	< 15	> 50	< 25	25e	300	700/25a	200	Tele	V _{CBM} = 40 V, P _{DM} = 2,2 W a 25°C alla custodia.
n S P I H C 32	BSX 26	60/30	—	550	3,3	15e	300	360/25a	200	Fair	Comando memorie.
n S P I H C 31	BSX 27	80/10	—	800	2,3	6e	30	300/25a	200	Fair	V _{CBM} = 15 V.
n S P I H C 32	BSX 28	70/30	—	650	2,3	12e	100	360/25a	200	Fair	V _{CBM} = 30 V.
p S P E H C 32	BSX 29	60/30	—	700	3,3	12	—	360/25a	200	Fair	Complementare a BSX 26, 28.
n S P E H C 34	BSX 30	63/150	—	330	5	30e	500	800/25a	200	Fair	V _{CBM} = 60 V.
n S P E H C 44	BSX 32, 33*	60...150/100	—	450	6	40e	1000	800/25a	200	Fair	* β > 25/1...500.
p S P E H C 34	BSX 36	100 (> 40)/10	—	200	6	40	500	360/25a	200	Fair	tr = 17 (< 40) ns/300 mA.
n S P E C 34	BSX 38	> 65/10*	—	> 200	< 5	30e	200	320/45a	200	Tele	ts = 50 ns. - * > 50/50.
n S P E H C 33	BSX 39	40 (> 15)/300	—	600	4	20e	500	360/25a	200	Fair	tr = 9 (< 15) ns/300 mA.
n S P E H C 31	BSX 44	30...150/20	—	> 600	2,5	6e	200	300/25a	200	RTC	Identico a 2 N 2475.
n S P I C 54	BSX 45	40...120/150*	3,5	> 60	< 25	40e	1000	3000/25c□	200	Siem	V _{CBM} = 80 V. - * 20/0,1...500.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I _c (mA)	F _b (dB)	f _t (MHz)	C _{cb} (pF)	V _{CEM} (V)	I _{CEM} (mA)	P _{DM} (mW) / a T _o o T _c (°C)	T _{JM} (°C)	Fabbri-cante	Osservazioni
n S P I C 55	BSX 46	40...120/150	3,5	> 60	< 25	60e	1000	3000/25c□	200	Siem	V _{CEM} = 100 V. - □ 800/25a.
n S P E H C 45	BSX 48, 49*	42/100	—	400	4,5	50e	600	1000/45a	200	Siem	tr = 35 e * 30 ns/150 mA.
n S P E H F 33	BSX 51, 2	(*)	—	300	5	25	200	300/25a	175	Cos	(*) Identici a SFT 714, 715.
n S P E C 24/5	BSX 53, 54*	> 100/10	—	> 200	—	30e	200	130/45a	175	Tele	* V _{CEM} = 45 V. - tr < 150 ns
n S P E H C 45/4	BSX 59, 60*, 1□	> 30/150 > 20/1000	—	> 250	< 10	45e 70b	1000	800/25a	200	RTC	* V _{CEM} = 30 V. - tr = 35, * 40 e □ 50 ns a I _c = 500 mA
n S P E C 54/5	BSX 62, 63*	30...300/1000	—	> 30	35	40e	2000	4400/45c	200	Siem	* V _{CEM} = 60 V. tr = 300 ns.
n S P E C 22 3	BSX 68, 9*	30...300/10	—	> 175	< 8	15e	200	125/45a	125	Tele	* β = 60...180, V _{CEM} = 20 V.
n S P E H C 33	BSX 72, 75*	> 20/1...500	—	> 250	—	25e	1500	500/45a	175	Tele	* I _{CM} = 1 A. tr = 25 ns.
n S P E H C 32	BSX 80	80/10*	—	> 300	—	15e	200	230/45a	150	Tele	* > 15/0,5. - tr < 40 ns/10 mA
n S P E H C 34	BSX 81	> 65/10*	—	> 200	—	30e	200	230/45a	150	Tele	* > 65/50. - tr < 150 ns/10 mA
n S P E H C 33	BSX 87*, 88	30...120/10	—	> 370	6	20e	—	360/25a	200	SGS	Equivalente a 2 N 914.
n S P E H C 33	BSX 89	20...60/10	—	> 200	2,5	20e	500	300/25a	175	SGS	tr < 40 ns a I _c = 10 mA.
n S P E H C 32	BSX 90, 91*	20...60/10	—	> 300	5	12e□	200	300/25a	175	SGS	* β = 40...120/10. - □ 20b.
n S P E C 34	BSX 93	40...120/10*	—	400	< 4	40□	500	360/25a	200	SGS	* > 20/100 - □ 15 V base ap.
+ n S M e H C 35	BSY 10, 11*	45...80/10	—	> 60	< 5	60	50	300/25a	175	RTC	ts = 20 ns. - * V _{CEM} = 45 V. β = 60...125.
n S P E H C 42	BSY 17	20...60/10	—	> 280	< 5	12e	200	1000/25c	175	Siem	Identico a 2 N 743.
n S P E H C 42	BSY 18	40...120/10	—	> 280	< 5	12e	200	1000/25c	175	Siem	Identico a 2 N 744.
n S P E V H 33	BSY 19	30...120/10	—	> 300	< 6	20e	200	320/45a	200	Tele	Identico a 2 N 708.
n S P E V H 33	BSY 21	30...120/10	—	> 300	< 6	20e	500	320/45a	200	Tele	tr = 40 ns a I _c = 0,2 A. - Identico a 2 N 914.
n S P E H C 55	BSY 34	42 (> 25)/100	—	400	4,5	60	200	2600/45c	200	Siem	tr = 30 ns a I _c = 150 mA.
+ n S P E H C 32	BSY 38, 9*	30...60/10	—	> 200	< 5	15e	200	300/25a	175	RTC	V _{CEM} = 20 V. - * β = 40...120
n S P E H C 33	BSY 40, 41*	20...60/10	—	> 140	4,5	20e	140	300/25a	175	RTC	* β = 50...200/10. - tr < 20 ns
n S P I H C 45	BSY 44	40...120/150	< 12	> 60	14	50e	—	700/45a	200	Tele	Identico a 2 N 1613.
n S P I H C 47	BSY 45	40...120/150	—	> 50	< 15	100e	—	700/45a	200	Tele	Identico a 2 N 1893.
n S P E H C 45	BSY 46	40...120/150	—	> 50	< 20	50e	1000	800/25a	200	Tele	Identico a 2 N 2193.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a $T_{a o}$ T_c ($^{\circ}C$)	T_{jM} ($^{\circ}C$)	Fabbri- cante	Osservazioni
n S P E H C 43	BSY 51	40 ... 120/150	6	100	7,5	25e	500	800/25a*	200	Intm	$V_{CBM} = 60$ V. - * 1700/100c. - Similare a 2 N 697.
n S P E H C 43	BSY 52	100 ... 300/150□	6	130	7,5	25e	500	800/25a*	200	Intm	$V_{CBM} = 60$ V. - □ 25/500. - Similare a 2 N 1420.
n S P E H C 44	BSY 53	40 ... 120/150*	6	100	6,5	30e	750	800/25a	200	Intm	$V_{CBM} = 75$ V. - * 40 (> 20)/1. Similare a 2 N 1613.
n S P E H C 44	BSY 54	100 ... 300/150*	3	130	6,5	30e	750	800/25a	200	Intm	$V_{CBM} = 75$ V. - * 55/0,1...500. - Similare a 2 N 1711.
n S P E H C 46	BSY 55	40 ... 120/150*	6	100	6	80e	500	800/25a	200	Intm	$V_{CBM} = 120$ V. - * 50 (> 20)/ 0,1. - Similare a 2 N 1893.
n S P E H C 46	BSY 56	100 ... 300/150* 50 (> 20)/0,1	6	130	6	80e 120b	500	800/25a 1700/100c	200	Intm	* $\beta = 35$ a $I_c = 0,5$ A.
n S P E H C 53	BSY 58	42 (> 17)/100 > 23/1...500	—	400 > 250	4,5 < 6	25e 50b	600	2600/45c 520/45a	200	Siem	$tr = 35$ ns a $I_c = 150$ mA. Comando memorie a tori.
n S P E H C 32	BSY 61	30 ... 300/10	—	> 200	2,2	15e	200	200/25a	125	Siem	$tr < 40$ ns a $I_c = 10$ mA.
n S P E H C 42	BSY 62	20 ... 60/10	—	> 200	< 5	15e	200	860/45c*	175	Siem	$V_{CBM} = 25$ V. - * 260/45a. - Identico a 2 N 706 A.
n S P E H C 42	BSY 63	30 ... 120/10	—	> 300	< 6	15e	200	1000/45c	200	Siem	Identico a 2 N 708. - $tr < 40$ ns a $I_c = 10$ mA.
n S P E H C 33	BSY 70	> 20/10	—	> 200	< 6	20e	—	300/25a	175	Tele	$ts < 35$ ns. - Ident. a 2 N 706.
n S P I H C 45	BSY 71	100 ... 300/150	< 8	> 70	14	50e	—	700/45a	200	Tele	$V_{sat} = 0,7$ (< 1,5) a 150 mA. Identico a 2 N 1711.
n S P E H C 37	BSY 79	60 (> 30)/1	—	100	4	120	30	155/45a	200	Intm	Comando indicatori neon.
n S P E H C 43	BSY 81	40 ... 120/150 30 (> 15)/1000	—	100	8,5 < 15	18e 40b	1000	900/25a 2800/100c	200	Intm	$\beta = 30$ (> 20) a $I_c = 0,1$ mA. - $V_{sat} < 1,2$ V a $I_c = 1$ A.
n S P E H C 43	BSY 82	100 ... 300/150 50 (> 20)/1000	—	120	8,5 < 15	18e 40b	1000	900/25a 2800/100c	200	Intm	$\beta = 60$ (> 35) a $I_c = 0,1$ mA. - $V_{sat} < 1,2$ V a $I_c = 1$ A.
n S P E H C 44	BSY 83	40 ... 120/150 30 (> 15)/1000	—	100	8,5 < 15	35e 80b	1000	900/25a 2800/100c	200	Intm	$\beta = 30$ (> 20) a $I_c = 0,1$ mA. Simil. a BSY 40 e 2 N 2297
n S P E H C 44	BSY 84	100 ... 300/150 50 (> 20)/1000	—	120	8,5 < 15	35e 80b	1000	900/25a 2800/100c	200	Intm	$\beta = 60$ (> 35) a $I_c = 0,1$ mA. - $V_{sat} < 1$ V a $I_c = 1$ A.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
n S PE HC 46	BSY 85	40...120/150 30 (> 15)/1000	—	110	8,5 < 15	64e 120b	1000	900/25a 2800/100c	200	Intm	$\beta = 30$ (> 20) a $I_c = 0,1$ mA - Similare a 2 N 2193 A.
n S PE HC 46	BSY 86	100...300/150 50 (> 20)/1000	—	130	8,5 < 15	64e 120b	1000	900/25a 2800/100c	200	Intm	$\beta = 60$ (> 35) a $I_c = 0,1$ mA - $V_{sat} < 1$ V a $I_c = 1$ A.
n S PE HC 45	BSY 87	40...120/150 20/500	6	100	5,5 < 10	60e 100b	500	800/25a 1700/100c	200	Intm	$\beta = 50$ (> 20) a $I_c = 0,1$ mA - Similare a 2 N 1889.
n S PE HC 45	BSY 88	100...300/150 35/500	6	145	5,5 < 10	60e 100b	500	800/25a 1700/100c	200	Intm	$\beta = 100$ (> 35) a $I_c = 0,1$ mA - Similare a 2 N 1890.
n S PE HF 43	BSY 90	375 (> 220)/150 125/0,01	2,5 < 8	170	7,5 < 10	25e 60b	500	800/25a 1700/100c	200	Intm	$\beta = 425$ (> 140) a $I_c = 10$ mA - $V_{sat} = 0,14$ (< 0,8) V a $I_c = 150$ mA.
n S PI C 33	BSY 91	> 30/5	< 15	> 50	< 25	25e	300	320/45a*	200	Tele	$V_{CBM} = 40$ V. - * 1800/25c.
n S PI C 4/34	BSY 92, 3*	> 60/10 > 35/10□	< 15	> 50	< 25	40e 60b	300	700/45a 1750/25c	200	Tele	* $P_{DM} = 0,32$ W a 45°C amb., 2,2 W a 45°C alla custodia. □ $t_{amb} = -20$ °C.
n S P E C 67	BU 100	90 (> 40)/2000	—	100	< 80	150	10 A	10 W/100c	150	SGS	Defl. vert. TV - $t_f = 350$ ns.
n S PI C 77	BU 100 A	90 (> 40)/2000	—	100	80	150	10 A	25 W/100c	150	SGS	Defl. orizz. TV - $t_f < 1$ μ s.
n S P E C 79	BU 102	110 (> 30)/1000	—	—	< 80	400	10 A	25 W/100c	150	SGS	Defl. orizz. TV - $t_f < 1$ μ s.
n S D C 77	BU 103	40...160/600	—	—	—	120e	—	30 W/25c	200	Sesc	Deflessione verticale TV.
n S D C 76	BU 103 A	50...200/100	—	100	50	80e	2000	30 W/25c	200	Sesc	Deflessione verticale TV.
n S Me P 89	BU 104	50 (> 10)/5000	—	10	—	400	7000	85 W/25c	200	Sesc	Defl. orizz. TV - $t_r < 500$ ns.
n S — P 69	BU 105	—	—	7,5	65	1500e	2500	10 W/90c	115	RTC	Defl. orizz. TV. - $t_f = 0,7$ μ s.
n S — C 79	BU 106, 107*	—	—	—	—	300e	5000	50 W/25c	—	TI	* $I_{CAI} = 10$ A. - THT e * defl. TV.
n S Me C 89	BU 109	15...45/5000	—	10	165	330e	7000	85 W/25c	—	Sesc	Defl. riga TV portatili.
n S Me C 89	BU 112	> 7/6000	—	6	200	550e	10 A	85 W/25c	—	Sesc	Defl. riga TV a colori.
n S Me C 89	BU 113	> 7/8000	—	6	—	700e	—	85 W/25c	—	Sesc	Defl. righe EAT TVC.
n S D C 79	BU 115	> 20/2000	—	—	—	800e	6000	50 W/75c	150	Ates	Defl. riga TVC.
n S D C 79	BU 120	> 20/2000	—	—	—	400*	6000	50 W/75c	150	Ates	* 250 V a base aperta.
n S P E C 63	BUY 10, 11*	> 15	—	> 50	—	20e	—	10 W/25c	150	Intm	$V_{CBM} = 40$ V. - * $\beta > 40$, $f_t > 100$ MHz.
n S Me C 88	BUY 12	30 (> 12)/2000	—	11	—	210	10 A	70 W/45c	150	Siem	$t_s = 0,5$ (< 1) μ s a $I_c = 10$ A.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I _C (mA)	F _b (dB)	f _t (MHz)	C _{cb} (pF)	V _{CM} (V)	I _{CM} (mA)	P _{DM} (mW) / a T _a o T _j (°C)	T _{JM} (°C)	Fabbri- cante	Osservazioni
n S Me C 87	BUY 13	30 (> 12)/2000	—	11	—	120	10 A	70 W/45c	150	Siem	t _s = 0,5 μs a I _C = 8 A, V _{CE} = 40 V.
n S Me C 76	BUY 14	30 (> 12)/2000	—	11	—	80	8000	35 W/45c	150	Siem	t _s = 0,5 μs a I _C = 8 A, V _{CE} = 40 V.
n S PE C 87	BUY 18	90 (> 30)/1000	—	> 50	55	150e*	7000□	62 W/25c	150	SGS	* 300b. - □ V _{sat} = 0,6 V.
n S — C 88/9	BUY 20, 1*, 2□	20...300/3000	—	> 15	< 200	200	10 A	85 W/25c	175	TI	V _{CM} = * 300 e □ 450 V.
n S D P 74	BUY 43	40...60/500	—	1	—	40e	4000	24 W/25a	200	Siem	V _{sat} < 1,1 V a 2 A.
n S D P 75	BUY 46	25...100/500	—	1	—	55e	4000	24 W/25a	200	Siem	V _{sat} < 0,8 V a 0,5 A.
n S PE C 47/8	BUY 47, 8*, 9□	150 (> 40)/500 > 15/5000	—	90 > 40	45 < 80	120e 150b	10 A	1000/25a 7000/25c	200	SGS	V _{CEM} = * 170 e □ 220 V. - t _f < 2 μs a I _C = 5 A.
p S PE BF 33	D 29 A 4, 5*	30...90/50	2□	340	6,5	25	300	200/25a	100	GE	* β = 75...225 - □ I _C = 1 mA.
n S — Da 64	D 40 C 1, 2, 4*, 5*	40 000/200	—	60	10	30e	500	6000/25c	125	GE	* V _{CEM} = 40 V.
n S — Da 65	D 40 C 7, 8	40 000/200	—	60	10	50	500	6000/25c*	125	GE	* 1200/25a.
n S — HF 69/8	D 40 N 1, 3*	30...90/20	—	> 50	< 3	300e	100	6000/25c	125	GE	* V _{CEM} = 250 V - Video.
n S — P 65	D 40 D 1, 2*, 3□	50...150/100	—	130	8	30e	1000	6000/25c	150	GE	β = * 120...360 e □ > 290.
n S — P 66	D 40 D 4, 5*	50...150/100	—	130	8	45e	1000	6000/25c	150	GE	* β = 120...360.
n S — P 66	D 40 D 7, 8*	50...150/100	—	130	8	60e	1000	6000/25c	150	GE	* β = 120...360.
p S — P 65/6	D 41 D 1...8	(*)	—	130	8	(*)	1000	6000/25c	150	GE	(*) V. D 40 D 1...8, compl.
n S — P 65	D 42 C 1, 2*, 3□	> 10/1000	—	50	100	30e	3000	12 W/25c	150	GE	β * > 20/1000 e □ > 20/2000
n S — P 66	D 42 C 4, 5*	> 10/1000	—	50	100	45e	3000	12 W/25c	150	GE	* β > 20/1000.
n S — P 66	D 42 C 7, 8*	> 10/1000	—	50	100	60e	3000	12 W/25c	150	GE	* β > 20/1000.
p S — P 65/6	D 43 C 1...8	(*)	—	50	100	(*)	3000	12 W/25c	150	GE	(*) V. D 42 C 1...8, compl.
n S D C 48	DT 1003, 13*	12...36/200	—	1	—	200	300	600/25a	125	Luca	* β = 30...90. - tr = 0,3 μs.
n S D C 44/7	DT 1120, 1*, 2□	40...120/300	—	2,5	< 150	30	1000	1000/25a	175	Luca	V _{CM} = * 60 e □ 100 V.
n S D C 45/7	DT 1311, 12*	20...60/200	—	1,5	150	60	1500	1000/50a	200	Luca	tr = 2 μs. - * V _{CM} = 100 V.
n S D C 45/7	DT 1321, 22*	40...120/200	—	2,5	150	60	1500	1000/50a	200	Luca	tr = 1 μs. - * V _{CM} = 100 V.
n S D C 43/6	DT 1520, 1*, 2□	50...200/300	—	2	230	20	1000	800/30a	150	Luca	V _{CM} = * 40 e □ 70 V.
n S — C 26/7	DT 1602, 3*	> 5/3	—	—	—	75	25	100/25a	125	Luca	* V _{CM} = 150 V. - Comando neon.
n S D C 42	DT 1610	80 (> 10)/200	—	0,5	—	15e*	250	600/25a	115	Luca	* 25b. - tr = 1 μs.
n S D C 26/7	DT 1612, 3*	> 20/3	—	—	—	75	25	100/25a	125	Luca	* V _{CM} = 150 V. - Comando neon.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a $T_{a o}$ T_c (°C)	T_{jM} (°C)	Fabbri- cante	Osservazioni
n S D BF 34	DT 1621	50 ... 250/250	—	—	—	40e*	1000	750/25a	175	Luca	* 60b - □ 2000/50c.
n S D P 65/7	DT 3301, 2*	15 ... 60/3000	—	> 0,5	—	60	5500	15 W/95c	200	Luca	* $V_{CM} = 100$ V.
n S — P 79	DT 4305, 6*	10 ... 50/3000	—	3	—	400	5000	36 W/65c	125	Luca	* $V_{CM} = 500$ V.
n S — P 79	DT 6105, 6*	10 ... 50/5000	—	5	—	400	10 A	50 W/65c	100	Luca	$t_r = 3 \mu s$. - * $V_{CM} = 500$ V.
n S Me P 89	DTS 423, 4*, 5*	30 ... 90/1000	—	4	—	400e	3500	100 W/25c	200	Delc	* $V_{CEM} = 500$ V. - □ 10 A istantanei.
n S D P 89	DTS 430, 1*	15 ... 45/2500	—	4	—	400e	5000	125 W/25c	200	Delc	* $\beta = 15$ 35.
p G Al BF 12	GC 100, 1*	30 ... 140/2	14	2	—	10e	15	50/25a	75	RFT	* $F_b = 5$ dB.
+ p G Al BF 12	GC 102, 3, 4□	29 ... 300/2	< 20	> 1,2	—	10e	150	50/25a	75	RFT	□ $F_b = 5$ dB.
p G Al BF 26	GC 111, 2	11 ... 25/2	—	—	—	80e	125	120 25a	75	RFT	TV, sinc.
p G Al BF 23	GC 115, 6*	10 ... 35/2	9	> 0,5	—	20e	125	120/25a	75	RFT	* $\beta = 30$ 140.
p G Al BF 23	GC 117, 8*	30 ... 140/2	4	> 0,5	—	20e	125	120/25a	75	RFT	* $F_b = 5$ dB.
p G Al BF 23	GC 120, 1*	10 ... 35/125	8	> 0,5	—	20e	150	120/25a	75	RFT	* $\beta = 30$ 140.
p G Al BF 24 5	GC 122, 3*	30 ... 140 125	—	> 0,5	—	30e	150	120/25a	75	RFT	* $V_{CEM} = 60$ V.
p G Al BF 33 4	GC 300, 1*	18 ... 140 50	—	—	—	20e	500	400/45c	75	RFT	* $V_{CEM} = 32$ V.
p G Al BF 53	GD 150, 60*	> 7,5/1500	—	0,1	—	18e	3000	4000/45c	75	RFT	* $\beta > 15$ ft = 0,2 MHz.
p G Al BF 54 5	GD 170, 75*, 80□	> 15/1500	—	0,2	—	30e	3000	4000/45c	75	RFT	$V_{CE} = * 48$ e □ 60 V con $R_{BE} = 50 \Omega$.
p G Al P 63 4	GD 240, 1*	18 ... 56/2000	—	0,35	—	25e	3000	10 W/45c	85	RFT	* $V_{CEM} = 35$ V.
p G Al P 65 6	GD 242, 3*, 4□	18 ... 56/2000	—	—	—	48e	3000	10 W/45c	85	RFT	$V_{CEM} = * 60$ e □ 70 V.
p G Al HF 12	GF 100	70 (> 20)/2	6	5	7	10e	15	50/25a	75	RFT	FI - AM.
p G Al HF 12	GF 105, 8	110 (> 20)/2	11	10,5	7	10e	15	50/25a	75	RFT	Conversione < 2 MHz.
p G — HF 22	GF 120, 1*, 2□	50/1	—	30	4,5	15e	10	75/25a	75	RFT	* $f_t = 50$ MHz. - * Conversione < 8 MHz, □ FI - FM.
p G D HF 13	GF 126, 8*	> 40/1	—	—	2	20e	10	50/45a	75	RFT	GP = 37 dB a 500 kHz. * 35 MHz.
p G D HF 13	GF 129, 30*	> 40/1	—	75	1,5	20e	10	30/25a	75	RFT	Amplif. e conv. < 2 MHz. - * FI - FM.
p G D VHF 13	GF 131, 2*	> 40/1	—	85	1,2	20e	10	30/25a	75	RFT	Conv. e * amplif. 100 MHz. - * $F_b = 8$ dB.
p G D HF 13	GF 139	> 40/1	—	—	1,5	20e	10	50/45a	75	RFT	GP > 27 dB a 10 MHz.

Gruppi di guadagno di corr. :
 III: 70 ... 140.
 IV: 120 ... 230.
 0: 10 ... 22.
 I: 18 ... 35.
 II: 30 ... 55.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I _c (mA)	F _b (dB)	f _t (MHz)	C _{cb} (pF)	V _{CM} (V)	I _{CM} (mA)	P _{DAI} (mW) / a T _a o T _c (°C)	T _{jM} (°C)	Fabbri- cante	Osservazioni
p G Me UH 22	GF 145	30 (> 10)/1,5	< 9*	> 250	1,1	15e□	10	60/60a	90	RFT	* 800 MHz - □ 20b.
p G Me VH 22	GF 146	> 10/1,5	< 8*	> 250	1,2	15e□	10	60/60a	90	RFT	* 260 MHz - □ 20b.
+p G Al P 64	OC 22, 3*, 4□	200/100 150 (> 50)/1000	—	2,5	170	32e 47b	1000	17 W/25c 10 W/45c	75	RTC	* V _{CEM} = 40 V, V _{CBM} = 55 V. - □ Applicazioni telefonica.
p G Al P 64	OC 26	20...55/1000	—	—	—	40	3500	12 W/75c*	90	RTC	β = 15...45 a I _c = 3 A. - * 50 W/25c.
+p G Al BF 11	OC 57, 8*, 9□	20...35/0,5	< 10	—	—	7	10	10/35a	55	RTC	* β = 30...55 - □ β = 50...80.
+p G Al BF 11	OC 60	100/5	< 15	—	—	7	10	10/35a	55	RTC	Subminiatura. Subminiatur., stadio di uscita.
+p G Al BF 24	OC 72	45...120/10	< 15	0,5	—	32	125	75/45a*	75	RTC	* 100 mW a 45°C amb. con radiatore di 12,5 cm².
+p G Al BF 43	OC 74	100/50	< 30	1,5	—	20	300	550/25a	75	RTC	β = 65 a I _c = 300 mA.
+p G Al BF 24	OC 75	65...130/3	10*	0,7	—	30	50	75/45a	75	RTC	* A I _c = 0,5 mA, R _a = 500 Ω, = 1 kHz.
+p G Al BF 23	OC 76	25...170/125	8	0,9	—	32	250	75/45a*	75	RTC	* 100 mW con rad. di 12,5 cm²
+p G Al BF 25	OC 77	> 25/125	< 15	> 0,35	—	60	250	75/45a*	75	RTC	* 100 mW con rad. di 12,5 cm²
+p G Al BF 44	OC 79	24...85/300	15	1	—	26	300	550/25a	75	RTC	β = 35...110 a I _c = 50 mA.
+p G Al BF 44	OC 80	85/600	—	2	—	32	600	550/25a	75	RTC	β = 180 a I _c = 50 mA.
+n G Al C 23	OC 139	20...85/15	5	6	20	20	250	140/25a	75	RTC	β = 30 (> 15) a I _c = 0,2 A.
+n G Al C 23	OC 140, 1*	50...150/15	5	12	20	20	400	140/25a	75	RTC	* β = 80...300, f _r = 20 MHz.
+p G Al BF 24	OC 303	18...35/1	5	—	—	32	50	67/45a	75	Intm	β > 9 a I _c = 50 mA.
+p G Al BF 24	OC 304/1, 2*	30...60/1	5	1	—	32	50	67/45a	75	Intm	* β = 45...90.
+p G Al BF 24	OC 304/3	70...130/1	5	1	—	32	50	67/45a	75	Intm	β > 25 a I _c = 50 mA.
+p G Al BF 24	OC 305/1, 2*	110...220/1	5	1,6	—	32	50	67/45a	75	Intm	* β = 230 (> 190).
+p G Al BF 24	OC 306/1, 2, 3	(*)	< 5	1	—	32	50	67/45a	75	Intm	(*) Vedi OC 304/1, 2, 3.
+p G Al C 24	OC 307/1, 2*	20...40/250	—	1,5	25	32	250	110/45a□	75	Intm	* β = 30...60. - □ Con radia- tore di 12,5 cm².
+p G Al C 24	OC 307/3	50...100/250	—	1,5	25	32	250	110/45a□	75	Intm	β > 70 a I _c = 10 mA. - □ Con radiatore di 12,5 cm².
+p G Al BF 24	OC 308	30...100/80	—	1,5	25	32	250	110/45a□	75	Intm	□ Su radiatore di 12,5 cm².
+p G Al C 25	OC 309/1, 2, 3	(*)	—	1,5	25	60	250	110/45a□	75	Intm	(*) Vedi OC 307/1, 2, 3. - □ Con radiatore.
n S PE BF 35 4	PBC 107, 8, 9	(*)	(*)	300	3,8	(*)	100	200/25a	100	Sesc	(*) Vedi BC 107, 8, 9.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) a T_a o T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
n S PE BF 35 n S PE BF 34	PBC 182 PBC 183, 4*	100...480/0,01* 100...850/0,01	< 10 < 10	60 60	5 5	50e 30e	200 200	300/25a 300/25a	125 125	Sesc Sesc	Custodia plastica - * > 100/2. * $\beta = 240...900$, $F_b < 4$ dB.
n S PI BF 44	SBC 119	40...120/150 25/500	—	40	12	30e 60b	—	800/25a 5000/25c	200	Fair	Uscita BF - Ugualmente for- nito a coppie.
n S PI BF 32 + n S PE HF 43/4 + n S PE HF 46/7 n S PI HF 43/4 n S PI HF 46 n S PE HF 43/4 n S PE HF 45/6 n S PI HF 32 n S PE HF 32/3 n S PI HF 47 n S PI HF 32/3	SC 206, 7* SF 021, 2* SF 023, 4* SF 121, 2* SF 123 SF 126, 7* SF 128, 9* SF 131, 2* SF 136, 7* SF 150 SF 215, 6*	28...1120/2 18...1120 18...1120 18...1120/50 18...1120/50 18...1120/50 18...1120/50 18...1120/10 18...1120/10 — 28...560/2	< 25 — — 5,5 5,5 4,5 4,5 3 < 8 8	> 300 > 60 > 60 > 60 > 60 > 60 > 60 > 200 > 300 80 350	— — — 22 22 20 20 20 20 3,5 3,5	15e 20 66 20 66 20e 60 12e 12e 140 15e	100 500 500 500 500 500 500 50 200 50 100	200/25a 600/25a 600/25a 600/25a 600/25a 600/25a 600/25a 300/25a 300/25a 600/25a 200/25a	125 175 175 175 175 175 175 175 175 175 125	RFT RFT RFT RFT RFT RFT RFT RFT RFT RFT RFT	* $F_b < 8$ dB. * $V_{CM} = 35$ V. * $V_{CM} = 100$ V. * $V_{CM} = 33$ V. * $V_{CEM} = 30$ V. * $V_{CEM} = 80$ V. * $V_{CEM} = 15$ V. * $V_{CEM} = 20$ V. Video. * $V_{CEM} = 20$ V.
n S PI HF 47	SFT 187	50 (-25)/30	—	100	1,5	35	—	800/25a*	200	Sesc	* 2500/25c.
p G AI BF 33	SFT 222, 3*	40...70/100	—	2	—	24e	250	225/25a	85	Sesc	$V_{CBM} = 30$ V. - * $\beta = 60...160$.
p G AI HF 23 p G AI HF 23 p G AI HF 22	SFT 227 SFT 228 SFT 229	35...55/10* 50...80/10* 75...120/10*	— — —	7,5 12 25	— — —	24e 20e 15e	250 250 250	150/25a 150/25a 150/25a	85 85 85	Sesc Sesc Sesc	* Punto giallo. - Punto blu 50...80. * Punto blu. - Punto violetto 75...120. * Punto violetto - Punto bianco 110...180.
p G AI BF 34	SFT 232, 3*	110 (-30)/50 60 (-20)/1000	—	0,7	—	30e 40b	3000	500/25a 400/40a	100	Sesc	* $V_{CEM} = 40$ V, $V_{CBM} = 60$ V. 1 W uscita in cl. B, simmet.
p G AI BF 35	SFT 234, A*	90 (-30)/50 45 (-20)/1000	—	—	—	50e 80b	1000	450/25a 330/40a	85	Sesc	* $V_{CEM} = 60$ V.
p G AI BF 34	SFT 243	30...100/100*	< 15	2	25	35e	500	225/25a	85	Sesc	$V_{CBM} = 60$ V. - * 20...100/1
p G AI C 23	SFT 288	40...100/400	—	16	12	24b	500	150/25a	85	Sesc	$t_r = 90$ μ s, $t_f = 100$ μ s a $I_c = 400$ mA.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I _c (mA)	F _b (dB)	f _t (MHz)	C _{cb} (pF)	V _{CEM} (V)	I _{CEM} (mA)	P _{DM} (mW) a T _a o T _j (°C)	T _{JM} (°C)	Fabbri- cante	Osservazioni
p G Al C 24	SFT 298	100 (> 35)/350	—	15	< 25	30b	500	150/25a	85	Sesc	t _s + t _f = 0,6 μs a I _C =20 mA
p G Al HF 23	SFT 306	15...70/1	—	3	8'	18b	100	150/25a	85	Sesc	GP = 34...42 dB a 455 kHz I _C = 0,3 mA.
p G Al HF 23	SFT 307	25...120/1	—	7	8	18b	100	150/25a	85	Sesc	GP = 35...43 dB a 455 kHz. I _C = 0,7 mA.
p G Al HF 23	SFT 308	40...160/1	—	13	9	18b	100	150/25a	85	Sesc	Conversione < 6 MHz.
p G D HF 23	SFT 316	120/1	—	> 60	1,5	20b	10	120/25a	85	Sesc	Conversione < 6 MHz. FI 10,7 o 0,45 MHz.
p G D HF 23	SFT 317	100 (> 20)/1	—	40	2,5	20b	10	120/25a	85	Sesc	Conversione < 18 MHz.
+ p G D HF 23	SFT 319	> 20/1	—	30	2,5	20b	10	120/25a	85	Sesc	* Punto blu: β=80, verde 30: - FI - AM.
p G D HF 23	SFT 320	80 (> 20)/1	—	35	2,5	20b	10	120/25a	85	Sesc	Conversione < 6 MHz.
p G Al BF 34	SFT 322, 3*	50/100	—	2,6	32	32b	300	250/25a	90	Sesc	* β = 60...150/100.
p G Al BF 34	SFT 352, 3*	50/1	8	2,4	32	32b	150	250/25a	90	Sesc	* β = 60...150/1.
p G D HF 23	SFT 354	120/1	—	80	1,5	20b	10	120/25a	85	Sesc	Conversione < 30 MHz.
p G D VH 23	SFT 357	120 (> 60)/1	—	85	1,5	20b	10	120/25a	85	Sesc	GP = 12 dB a 100 MHz, conv.
p G D VH 22	SFT 358	120 (> 60)/1	5	110	1,1	20b	10	120/25a	85	Sesc	GP = 17 dB a 100 MHz.
n S PE HF 85	SFT 449	35 100/4000	—	> 80	180	52e	—	100 W/25c	—	Sesc	100 W uscita a 30 MHz push-pull.
n S PE C 32	SS 106, 8*, 9	18...560/10	—	> 200	< 5	15e	200	300/25a	175	RFT	* f _r > 300 MHz.
n S PE C 43/5	SS 125, 6	18...88/400	—	> 30	—	25e	700	600/25a	175	RFT	* V _{CEM} = 50 V.
n S PI C 26/7	SS 200, 1*, 2□	32/10	—	—	—	70	30	150/25a	100	RFT	V _{CEM} = * 100 e □ 120 V. Comando tubi neon.
+ p G Al P 54	TF 78 30, 60*	30...150/50□	—	0,7	70	32	600	3000/45c	90	Siem	* V _{CEM} = 64 V · □ Gruppi II...V: vedi AD 130.
p G Al P 84/5	TI 3027, 8*	40...250/3000	—	> 0,2	—	40e	7000	150 W/25c	100	TI	* V _{CEM} = 50 V, V _{CBM} = 60 V
p G Al P 85	TI 3029, 30*	40...250/3000	—	> 0,2	—	55e	7000	150 W/25c	100	TI	* V _{CEM} = 60 V, V _{CBM} = 110 V
p G Al P 86	TI 3031	40...250/3000	—	> 0,2	—	65e	7000	150 W/25c	100	TI	V _{CBM} = 120 V.
+ n S PE P 65	TIP 14, 24*	20/1000	—	> 40	—	60e	4000	10 W/75c	150	TI	* β = 19...135/1500. - f _r > 10 MHz.
+ n S Me P 69	TIP 27	25...150/200	—	> 2	—	300	1000	10 W/75c	150	TI	V _{sat} < 2,5 V a I _C = 200 mA
n S — P 74/5	TIP 29, A*	40...200/200□	—	> 3	—	40	1000	30 W/25c	150	TI	Complementari. - * V _{CM} = 60 V. - □ > 10/1000.
p S — P 74/5	TIP 30, A*	40...200/200□	—	> 3	—	40	1000	30 W/25c	150	TI	Complementari. - * V _{CM} = 60 V. - □ > 10/1000.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I _c (mA)	F _b (dB)	f _t (MHz)	C _{cb} (pF)	V _{CEM} (V)	I _{CEM} (mA)	P _{DM} (mW) / a T _o T _j (°C)	T _{jM} (°C)	Fabbri- cante	Osservazioni
n S D P 74/5 p S D P 74/5	TIP 31, A* TIP 32, A*	20...100/1000 □	—	> 3	—	40	3000	40 W/25c	150	TI	Complementari. - * V _{CEM} = 60 V. - □ > 8/3000.
n S — P 84/5 p S — P 84/5	TIP 33, A* TIP 34, A*	25...125/1000 □	—	> 3	—	40	10 A	80 W/25c	150	Texa	Complementari. - * V _{CEM} = 60 V. - □ > 12/3000, > 4/10 A
n S — P 84/5 p S — P 84/5	TIP 35, A* TIP 36, A*	20...100/5000 □	—	> 3	—	40	25 A	90 W/25c	150	Texa	Complementari. - * V _{CEM} = 60 V. - □ > 10/15 A, > 5/25 A
+p G Al BF 34 +p G Al BF 34 p G Al P 74	2 N 43 A 2 N 44 A 2 N 155	34...65/20 18...43/20 > 24/500	6 6 —	1,3 1 —	40 40 —	30e 30e 30b	300 300 3000	240/25a 240/25a 50 W/25c	85 85 85	GE GE Sol	V _{CEM} = 45 V. V _{CEM} = 45 V.
n G Ti HF 23 n G Ti HF 22/3	2 N 167 A 2 N 169, A*	17...90/8 34...200/1	— 12	9 9	2,5 —	30 15	75 20	75/25a 65/25a	85 85	GE GE	t _s = 0,7 μs. * V _{CEM} = 25 V.
p G Al P 84 p G Al P 85	2 N 173 2 N 174, A	35...70/5000 25...50/5000	— —	— > 0,1	— —	40e 60e	15 A 15 A	70 W/25c 70 W/25c	95 95	GE GE	V _{CEM} = 60 V, t _r = 15 μs. V _{CEM} = 60 V, t _r = 15 μs a I _c = 12 A.
p G Al P 84 p G — P 84	2 N 176 2 N 178	25...90/500 50/500	— —	— —	— —	30e 30e	7000 3000	90 W/25c* 90 W/25c	100 90	Delc Moto	V _{CEM} = 40 V. - * 60 W/50c. f _h = 4 kHz. V _{CEM} = 40 V.
+p G Al BF 33 +p G Al BF 33 +p G Al BF 33 +p G Al BF 33 +p G Al BF 33	2 N 186 A 2 N 187 A 2 N 188 A 2 N 189, 90* 2 N 191, 2*	19...31/20 25...42/20 34...65/20 25...42/20 53...120/20	— — — 15 15	0,8 1 — 0,9 1,4	40 40 40 40 40	25 25 25 25e 25e	200 200 200 50 50	200/25a 200/25a 200/25a 200/25a 200/25a	75 75 75 60 60	GE GE GE GE GE	} Da sostit. con serie 2 N 505, 2 N 1175 o 2 N 1413. * β = 34...65. * β = 72...176.
p G Al BF 33	2 N 217	65...115/50	—	—	20	25e	150	165/25a	85	RCA	
p G Al BF 33	2 N 241 A	50...125/20	—	1,3	40	25	200	200/25a	75	GE	
p G Al P 85	2 N 242	30...120/500	—	—	—	45	5000	106 W/25c	110	Moto	
p G Al P 64/5 p G Al P 84/5	2 N 250, 1* 2 N 250, 1* A	> 30/500 25...100/3000	— —	— —	— —	30b 25e	2000 7000	12 W/25c 90 W/25c	100 100	Sol TI	
p G Al P 82 p G Al P 74 p G Al P 83	2 N 255 A 2 N 256 2 N 256 A	80/2000 25/2000 80/2000	— — —	— 0,1 —	— — —	15 30 25	5000 3000 7000	90 W/25c 37 W/25c 90 W/25c	100 100 100	Delc Delc Delc	Resistenza termica 0,8°C/W. Resistenza termica 2°C/W. Resistenza termica 0,8°C/W.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a $T_{a o}$ T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
p G Al P 74 p G Al P 75	2 N 257 2 N 268	100/500 65/500	— —	— —	— —	40 60e	3000 3000	30 W/45c 30 W/45c	90 90	Sol Sol	2 W usc. in cl. A. $V_{CE} = 14$ V. $V_{CBM} = 80$ V.
p G Al BF 33 p G D HF 24	2 N 270 2 N 274	70/150 20...175/1,5	— —	— 30	— 2	25b 40	150 10	250/25a 120/25a	80 100	RCA RCA	GP = 35 dB a 60 mW uscita. $t_r = 40$ ns. - GP = 22 dB a 12 MHz.
p G Al P 83	2 N 277	35...70/5000 25/12 A	—	—	—	20e 40c	15 A	70 W/25c 125 W/25c*	95	Moto	$t_r = 15$ μ s. * Per il 2 N 277 « Delco ».
p G Al P 85 p G Al P 75 p G Al P 75 p G Al P 84/5 p G Al P 74 p G Al P 84	2 N 278 2 N 296 2 N 297 A 2 N 301, A* 2 N 307 2 N 307 A	35...70/5000 > 19/1000 40...100/500 63/700 40/1000 > 30/200	— — — — — —	— — — — — —	— — — — — —	50b 60b 60b 40b 35 35	15 A 2000 4000 3000 3000 5000	125 W/25c 20 W/25c 50 W/25c 100 W/25c 40 W/25c 106 W/25c	100 100 100 110 110 110	Delc Sol Moto Delc Moto Moto	$\beta = 25$ a $I_c = 12$ A. $\beta > 20$ a $I_c = 2$ A. * $V_{CBM} = 60$ V. $f_b > 3$ kHz. $f_b > 3,5$ kHz.
p G Al C 23 p G Al C 22 p G Al C 22	2 N 315, A* 2 N 316, A* 2 N 317, A*	15...30/100 20...50/200 20...60/400	— — —	5 12 20	14 14 14	20e 15e 10e	500 500 400	150/25a 150/25a 150/25a	100 100 100	GI GI GI	$V_{CBM} = 20$ e * 25 V, * $\beta =$ 20...50. $V_{CBM} = 20$ e * 25 V, * $V_{CEM} =$ 18 V. * $V_{CEM} = 12$ V.
p G Al BF 33 p G Al BF 33	2 N 319, 20*, 1□ 2 N 322, 3*, 4□	25...42/20 34...65/20	6 6	2,5 3,5	25 25	20e 16e	200 100	225/25a 140/25a	85 60	GE GE	* $\beta = 34$...65. - □ $\beta = 53$... 121. * $\beta = 53$...121. - □ $\beta = 72$... 198, $V_{CBM} = 50$ V.
p S — BF 34 p S — BF 34	2 N 327, 8* A 2 N 329 A	15/3 60/3	18 18	0,2 0,5	70 70	40e 30e	100 100	400/25a 400/25a	160 160	TrAG TrAG	* $\beta = 30$, $V_{CEM} = 35$ V. $V_{CBM} = 50$ V.
p S PE BF 34	2 N 327...9 B	(*)	10□	(*)	9	(*)	100	400/25a	200	Crys	(*) Vedi 2 N 327...9A. - □ $I_c = 1$ mA.
p G Al BF 34 n S D HF 25	2 N 331 2 N 337, 8*	30...70/1 20...55/10	< 20 —	> 0,4 30	36 1,4	30 45b	200 20	300/25a 125/25a	100 150	GI GE	* $\beta = 45$...150, $f_r = 45$ MHz, $t_s = 20$ ns.
n S PI BF 45 n S PI BF 55 n S PI BF 4/56	2 N 339 2 N 339 A 2 N 340, A*	9...100/5 20...80/50 9...100/5	— — —	10 10 10	30 — 30	55 60 85	60 — —	1000/25a 3000/100c 1000/25a	155 155 155	Tran Tran Tran	* $\beta = 20$...80/50, $P_{DM} = 3000/$ 100c.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I_c (mA)	F_i (dB)	f_i (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_c o T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
p G Al C 23/4	2 N 404, A*	55/30	—	12	9	24	100	120/25a	85	Cos	* $V_{CEM} = 35$ V, fabbr.: GE.
p G Al BF 23	2 N 405, 6	35/1	—	0,65	40	18e	35	150/25a	80	RCA	$V_{CBM} = 20$ V.
p G Al BF 23	2 N 407, 8	80/40	—	—	—	18e	70	150/25a	80	RCA	$V_{CBM} = 20$ V.
p G Al C 23/2	2 N 413, 4*	20...100/10	—	6,5	12	18e	400	150/25a	85	GE	$V_{CEM} = 30$ V. - * $\beta = 30...120$.
p G Al C 32	2 N 416, 7*	45...220/3	< 8	> 5	< 20	12e	200	170/25a	85	GI	$V_{CEM} = 15$ V. $V_{CBM} = 30$ V. - * $\beta = 60...260$, ft > 15 MHz.
p G Al P 77	2 N 418	> 40/4000	—	—	—	75b	5000	25 W/25c	100	Sol	* $V_{CBM} = 65$ V.
p G Al P 74/6	2 N 420, A*	> 40/4000	—	—	—	40b	5000	25 W/25c	100	Sol	
n S Pl P 76	2 N 424, A	12...60/1000	—	> 8	—	45e	2000	45 W/100c	200	Tran	$V_{CBM} = 80$ V.
p G Al C 23	2 N 426	30 (> 10)/10	—	10	9	18e	400	150/25a	85	TI	tr = 0,4 μ s a $I_c = 50$ mA.
p G Al C 22	2 N 427	35 (> 15)/10	—	15	9	15e	400	150/25a	85	TI	tr = 0,35 μ s a $I_c = 50$ mA.
p G Al C 22	2 N 428	40 (> 20)/10	—	30	9	15e	400	150/25a	85	TI	$V_{CBM} = 30$ V. - tr = 0,3 μ s a $I_c = 50$ mA.
n G Al C 23	2 N 438, 9*	26 (> 15)/1	—	> 2,5	< 20	25e	300	150/25a	100	GI	$V_{CBM} = 30$ V. - * $\beta = 60$ (> 30), ft > 5 MHz. $V_{CBM} = 30$ V.
n G Al C 22	2 N 440	125 (> 50)/1	—	> 10	< 20	15e	300	150/25a	100	GI	
p G Al P 84	2 N 441	20...40/5000	—	—	—	40b	15 A	120 W/25c	100	Delc	$\beta = 20$ a $I_c = 5$ A. * $V_{CBM} = 60$ V.
p G Al P 85	2 N 442, 3*	20...40/5000	—	—	—	50b	15 A	120 W/25c	100	Delc	
n G Al C 23	2 N 444, 5* A	20...80/20	—	> 0,5	14	25e	—	150/25a	100	GI	* $\beta = 40...160$, ft > 2 MHz.
n G Al C 22	2 N 446, 7* A	60...250/20	—	> 5	14	15e	—	150/25a	100	GI	* $\beta = 80...300$, ft > 9 MHz.
p G Al P 84	2 N 456 A	30...90/5000	—	> 0,2	—	40b	7000	100 W/25a	110	Delc	} $\beta > 22$ a $I_c = 7$ A. - Tipi "B": $V_{CEM} = 50, 60$ e 65 V.
p G Al P 85	2 N 457 A	30...90/5000	—	> 0,2	—	60b	7000	100 W/25a	110	Delc	
p G Al P 86	2 N 458 A	30...90/5000	—	> 0,2	—	80b	7000	100 W/25c	110	Delc	
p G Al C 34	2 N 460, 1*	30...200/1	—	4	—	35e	400	225/25a	100	Moto	$V_{CBM} = 45$ V. - * Fabbr.: GE.
p G Al BF 34	2 N 464, 5*	14...33/1	< 22	> 0,4	< 60	40	100	170/25a	85	GI	* $\beta = 27...66$.
p G Al BF 34	2 N 466, 7*	54...130/1	< 22	> 0,5	< 60	35	100	170/25a	85	GI	* $\beta = 110...270$.
p G Al P 85	2 N 494, A*	40...70 2000	—	—	—	60e	5000	106 W/25c	110	Moto	* $V_{CBM} = 105$ V.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I _c (mA)	F _b (dB)	f _t (MHz)	C _{cb} (pF)	V _{CM} (V)	I _{CM} (mA)	P _{DM} (mW) / a T _a o T _j (°C)	T _{jM} (°C)	Fabbri- cante	Osservazioni
p S — C 24/2	2 N 495, 6*	> 15/1000	—	> 7	< 12	25	50	150/25a	140	Spra	* V _{CM} = 6 V, β > 15 a I _c = 15 mA.
n S PE HF 45/7	2 N 497, 8*	12...36/200	—	12	—	60	—	800/25a□	200	RTC	□ 4000/25c. - * V _{CM} = 100 V.
p G MA VH 14	2 N 499, A*	20...80	—	240	2,5	30b	50	30/25a	85	Spra	* P _{DM} = 60 mW, T _{jM} = 100°C
p G MA VH 23	2 N 502	65	—	—	2	20b	100	60/25a	85	Spra	GP > 8 dB a 200 MHz.
p G MA VH 24	2 N 502 A, B	20...80	7*	—	1,6	30b	100	75/25a	100	Spra	* A 200 MHz, GP > 10 dB.
p G MA VH 13	2 N 503	—	—	—	2	20b	50	25/25a	85	Spra	GP > 11 dB a 100 MHz.
p G MA HF 14	2 N 504	16	—	—	2,5	35b	50	30/25a	85	Spra	GP > 46 dB a 455 kHz.
p G AI BF 22	2 N 508, A	112/1	6	3,5	22	16	100	140/25a	60	GE	
p G AI P 84/5	2 N 511, A, B	20...60/10 A	—	0,26	—	30e	25 A	150 W/25c	100	TI	$\left\{ \begin{array}{l} V_{CBM} = 40 \text{ V.} \\ \text{Tipi A: } V_{CEM} = 40 \text{ V,} \\ \quad V_{CBM} = 60 \text{ V.} \\ \text{Tipi B: } V_{CEM} = 45 \text{ V,} \\ \quad V_{CBM} = 80 \text{ V.} \end{array} \right.$
p G AI P 84/5	2 N 512, A, B	20...60/15 A	—	0,28	—	30e	25 A	150 W/25c	100	TI	
p G AI P 84/5	2 N 513, A, B	20...60/20 A	—	0,3	—	30e	25 A	150 W/25c	100	TI	
p G AI P 84/5	2 N 514, A, B	20...60/25 A	—	0,35	—	30e	25 A	150 W/25c	100	TI	
p G AI C 22	2 N 519, 20* A	20...50/20	—	> 0,5	14	10e	—	150/25a	100	GI	* β = 40...170, f _t > 3 MHz.
p G AI C 22	2 N 521, 2* A	60...250/20	—	> 8	14	10e	—	150/25a	100	GI	* β = 80...320, f _t > 15 MHz.
p G AI C 22	2 N 523 A	100...400/20	—	> 21	14	10e	—	150/25a	100	GI	V _{CBM} = 20 V.
p G AI BF 34	2 N 524, 5*	19...42/20 31 (> 13)/100	6 < 15	2 > 0,8	25 < 40	30e 45b	500	225/25a 170/40a	85	GE	* β = 34...65 a I _c = 20 mA e 64 (> 47) a 100 mA. f _t = 2,5 MHz.
p G AI BF 34	2 N 526, 7*	53...90/20 64 (> 47)/100	6 < 15	3 > 1,3	25 < 40	30e 40b	500	225/25a 170/40a	85	Sesc	* β = 72...121 a I _c = 20 mA e 85 (> 65) a 100 mA. f _t = 3,3 MHz.
+ n S Ti HF 32/4	2 N 541, 2*	80...200/1	19	10	—	15	—	200/25a	200	Tran	* V _{CM} = 30 V. - 2 N 542 A:
+ n S Ti HF 35	2 N 543, A*	80...200/1	19	10	—	45	—	200/25a	200	Tran	β > 20 a I _c = 0,1 mA. * β > 20 a I _c = 0,1 mA.
n S PI BF 54	2 N 545, 6*	15...80/500	—	8	< 100	40e	—	600/25a□	125	Tran	□ 5000/25c. - * V _{CM} = 30 V.
n S PI BF 55/4	2 N 547, 8*	20...80/500	—	4	80	60	—	600/25a□	125	Tran	□ 5000/25c. - * V _{CM} = 30 V.
n S PI BF 55/4	2 N 549, 50*	20...80/200	—	4	< 100	60	—	600/25a□	125	Tran	□ 5000/25c. - * V _{CM} = 30 V.
n S PI BF 55/4	2 N 551, 2*	20...80/50	—	3	< 100	60	—	600/25a□	125	Tran	□ 5000/25c. - * V _{CM} = 30 V.
p G AI P 76	2 N 553	40...80/500	—	—	—	80b	4000	50 W/25c	100	Moto	f _b = 25 kHz, tr = 5 μs.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I_C (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{JAT} (mW) / a T_a o T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
p G Al P 84	2 N 554	> 30/2000	—	—	—	30b	5000	100 W/25c	110	Moto	Resistenza termica 0,8°C/W.
p G — P 84	2 N 555	50/500	—	—	—	30	3000	65 W/25c	90	Moto	
p G Al P 75	2 N 561	20...50/4000	—	—	—	50e	5000	50 W/25c	100	Sol	$V_{CBM} = 80$ V.
+p G Al C 22	2 N 578	> 10/400	—	3	—	12e	400	120/25a	75	GI	$V_{CBM} = 20$ V.
p G Al C 22	2 N 579	> 20/400	—	5	—	12e	400	120/25a	75	GI	$V_{CBM} = 20$ V.
+p G Al C 23	2 N 580	> 30/400	—	10	—	20	400	120/25a	75	GI	$V_{CBM} = 18$ V.
p G Al C 22	2 N 581	> 20 20	—	> 4	14	10e	100	150/25a	85	GI	
p G Al C 22	2 N 582	60 (> 40)/24	—	> 14	< 20	14e	100	150/25a	85	RCA	$V_{CBM} = 25$ V.
n G Al C 22	2 N 585	> 20/20	—	> 3	< 25	15e	200	120/25a	70	GI	$V_{CBM} = 25$ V.
n G Al C 23	2 N 586	55 (> 35)/250	—	—	—	25e	250	250/25a	85	RCA	$V_{CBM} = 45$ V.
p G MA VH 12	2 N 588	—	15*	50	—	15b	50	30/25a	85	Spra	* A 50 MHz, GP > 14 dB.
n G — BF 23	2 N 594	35 (> 20)/1	16	> 1,5	15	20	—	150/25a	100	TI	Bilaterale.
n G — BF 22	2 N 595	50 (> 35)/1	16	> 3	15	15e	—	150/25a	100	TI	$V_{CBM} = 20$ V, bilaterale.
n G — BF 22	2 N 596	70 (> 50)/1	16	> 5	15	10e	—	150/25a	100	TI	$V_{CBM} = 20$ V, bilaterale.
p G Al P 85	2 N 618	60...140/1000	—	> 0,35	—	60e	3000	90 W/25c	100	Moto	$V_{CBM} = 80$ V.
p G Al P 84/5	2 N 627, 8*	10...30/10 A	—	> 0,55	—	30e	10 A	90 W/25c	100	Moto	* $V_{CEM} = 45$ V, $V_{CBM} = 60$ V.
p G Al P 85/6	2 N 629, 30*	10...30/10 A	—	> 0,55	—	60e	10 A	90 W/25c	100	Moto	* $V_{CEM} = 75$ V, $V_{CBM} = 100$ V.
p G Al P 84...6	2 N 637, A, B	30...60/3000	—	—	—	30e*	15 A	90 W/25c	100	Sol	* Tipo A: 55 V, tipo B: 65 V.
p G Al P 84...6	2 N 638, A, B	20...40/3000	—	—	—	30e*	15 A	90 W/25c	100	Sol	* Tipo A: 55 V, tipo B: 65 V.
n G Al BF 23	2 N 647, 9*	70/50	—	—	—	25	100	100/25a	71	RCA	* $V_{CEM} = 18$ V, $V_{CBM} = 20$ V.
p G Al C 34	2 N 650, 1* A	30...70/1	—	1,5	—	30e	500	200/25a	100	Moto	$V_{CBM} = 45$ V. - * $\beta = 50...120$, $f_r = 2$ MHz.
p G Al C 34	2 N 652, A	100...225/1	—	2,5	—	30e	500	200/25a	100	Moto	$V_{CBM} = 45$ V.
p G Al BF 33	2 N 653, 4*	30...70/1	—	1,8	—	25e	250	200/25a	100	Moto	$V_{CBM} = 30$ V. - * $\beta = 50...125$.
p G Al BF 33	2 N 655	100...250/1	—	2,5	—	25e	250	200/25a	100	Moto	$V_{CBM} = 30$ V.
n S PE HF 45/7	2 N 656, 7*	30...90/200	—	20	—	60	—	800/25a	200	TI	□ 4000/25c. - * $V_{CM} = 100$ V.
p G Al P 74	2 N 665	40...80/500 > 20/2000	—	—	—	40e 80b	5000	37 W/25c 25 W/50c	100	Moto	$f_b > 20$ kHz, $t_r = 5$ μ s.
p G Al P 84	2 N 669	90/500	—	—	—	30e	3000	90 W/25c	100	Delc	$V_{CBM} = 40$ V, $f_b > 3$ kHz.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
p G Al P 83...6 p G Al P 83...6	2 N 677 (□) 2 N 678 (□)	20...60/10 A 50...100/10 A	— —	— —	— —	20e 20e	25 A 25 A	90 W/25c 90 W/25c	100 100	Sol Sol	(□) Tipi A: $V_{CEM} = 30$ V, B: 60 V, C: 70 V. - $V_{CBM} =$ ($V_{CEM} + 30$) V.
n S PI HF 34	2 N 696, 97*	20...60/150	—	60	17	40e	—	600/25a	175	Fair	* β 40...120, $f_t = 80$ MHz.
n S PI HF 46 n S PI HF 46	2 N 698 2 N 699	60 (< 20)/150 40...120/150	— —	> 40 80	15 12	80e□ 80e□	— —	800*/25a 600*/25a	200 175	Fair Fair	□ 120b. - * 3000/25c. □ 120b. - * 2000/25c.
n S PI HF 47	2 N 699 B	40...120/150 50 (> 20)/0,1	—	70	13	100e 120b	—	870/25a 5000/25c	200	Fair	$V_{sat} = 0,5$ (< 1,2) V con $I_c = 50$ mA.
p G Me VH 23 p G Me HC 33 p G Me HC 22	2 N 700, A□ 2 N 702, 3* 2 N 705	> 4/2 20...60/10 > 25/10	6* — —	500 150 300	< 1,4 < 3,6 3,5	20e 25 15	50 50 50	75/25a 300/25a 150/25a	100 100 100	Moto Moto TI	* A 70 MHz. GP = 23 dB. - □ $f_t = 800$ MHz. * $\beta = 40$100. $t_s < 100$ ns a $I_b = 1$ mA.
n S PI VH 33 n S PE HC 33	2 N 706 2 N 706 A, B	> 20/10 20...60/10	— —	400 > 200	5 3,5	20e 20e	— —	300/25a 300/25a*	200 175	Fair TI	Commutazione satura, $t_s = 16$ (< 60) ns. * 1000/25c. - $V_{CBM} = 25$ V. - $t_d + t_r = < 40$ ns.
n S D VH 44 n S Me VH 46	2 N 707 2 N 707 A	12/10 30/10	— —	350 350	< 10 < 6	28e 70b	— 200	1000/25c 1200/25c	175 175	Moto Moto	$V_{CBM} = 56$ V. - 0,2 W uscita a 100 MHz. 0,4 W uscita a 100 MHz.
n S PI VH 33	2 N 708	30...120/10 > 15/0,5	—	> 300	< 6	20e 40b	—	360/25a 1200/25c	200	Fair	Commut. satura: $t_s < 25$ ns. salita < 40 ns.
n S PI VH 31	2 N 709, A*	20...120/10 > 15/30	—	800	2,5	6e 15b	—	300/25a 500/25c	200	Fair	Commut. satura: $t_s < 6$ ns. salita < 15 ns. - * $\beta = 30$... 90 a $I_c = 10$ mA.
p G Me HC 22 p G Me HC 22	2 N 710 2 N 711	> 25/10 > 20/10	— —	> 600 300	— 4	15 12	50 100	150/25a 150/25a	100 100	TI TI	$t_s = 50$ (< 100) ns. $t_s < 200$ ns a $I_b = 1$ mA.
p G AD C 22/1	2 N 711 A, B*	25...150/10 150 (> 40)/50	—	> 150	< 6	14e 15b	50	150/25a 300/25c	100	TI	$t_d + t_r = 60$ ns, $t_f = 90$ ns a $I_c = 15$ mA. * $V_{CEM} = 7$ V, $\beta > 30$, fabbr. Moto.
n S PI HF 34	2 N 717, 18*	20...60/150	—	60	17	40e 60b	—	400/25a 1500/25c	175	Fair	* $\beta = 40$120, $f_t = 80$ MHz. - 2 N 718 A: id. a 2 N 1613. - $P_{dM} = 0,5$ W a 25°C.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c (°C)	T_{jm} (°C)	Fabbri- cante	Osservazioni
n S PI HF 36 n S PI HF 36	2 N 719, 20* 2 N 719 A, 20 A*	20...60/150 20...60/150	— —	> 40 > 40	12 15	80e 80e	— —	400/25a 500/25a	175 200	Fair Fair	* $\beta = 40$. . .120, $f_t = 80$ MHz. * $\beta = 40$. . .120, $f_t > 50$ MHz.
p S PE HF 34 p S — HC 34 p S PE HF 33	2 N 721 2 N 722, A 2 N 726	20...45/150 30...90/150 15...45/10	— — —	> 50 > 60 > 140	< 45 < 45 < 5	35e 35e 20e	— — 50	400/25a 400/25a 300/25a	125 175 175	TI Moto TI	V _{CBM} = 50 V. V _{CBM} = 50 V. V _{CBM} = 25 V.
n S Me C 34 n S PE HF 34	2 N 730 2 N 731	20...60/150 40...120/150	— —	> 40 160	< 35 15	40e 40e	— —	500/25a 500/25a	175 175	TI LTT	V _{CBM} = 60 V. V _{CBM} = 60 V, $P_{DM} = 1,5$ W a 25°C sulla custodia.
n S PI HF 35 n S PE HF 35 n S PI HF 35 n S PE HF 35 n S PI HF 35 n S Me HF 36	2 N 734 2 N 735 2 N 735 A 2 N 736, A□ 2 N 736 B 2 N 738, 9*, 40□	20...50/5 40...100/5 30...100/5 80...200/5 60...200/5 20...50/5	— — — — — —	150 135 180 150 180 180	10 5 < 6 6 < 6 < 10	60e 60e 60e 60e 60e 80e	— — — — — —	500/25a* 500/25a* 500/25a* 500/25a* 500/25a* 500/25a	175 175 200 175 200 175	Tran LTT Sol LTT Sol TI	V _{CBM} = 80 V. - * 1000/25c. V _{CBM} = 80 V. - * 1000/25c. V _{CBM} = 80 V. - * 1000/25c. V _{CBM} = 80 V. - * 1000/25c. - □ $f_t = 180$ MHz. V _{CBM} = 80 V. - * 1000/25c. * $\beta = 40$. . .100. - □ $\beta = 80$. . . 200.
p G Me HF 22/3	2 N 741, A*	> 10/5	7□	360	< 10	15	100	150/25a	100	Moto	□ A 30 MHz, GP = 22 dB. - * V _{CM} = 20 V.
n S PE HC 32	2 N 743, 4*	20...60/10 > 10/1...100	—	> 900	< 5	12e 20b	200	300/25a 1000/25c	175	Sesc	* $\beta = 40$. . .120 a $I_c = 10$ mA, > 20 a 1 e 100 mA. - $t_s = 14$ e * 18 ns max.
n S PE HC 33	2 N 753	40...120/10	—	> 200	3,5	20e	—	300/25a*	175	Sesc	V _{CBM} = 25 V. - $t_d + t_r = 40$ ns. - * 1000/25c.
n S PI HF 35/6 n S PI HF 35 n S PI HF 35 n S PI HF 35 n S PI HF 35	2 N 754, 5* 2 N 756, A* 2 N 757, A* 2 N 758, A* 2 N 759, 60□, A*	20...80/5 12...22/1 18...40/1 18...90/1 36...90/1	— — — — —	35 50 50 50 50	8 8 8 8 8	80e 45 45 45 45	50 100 100 100 100	300/25a 500/25a 500/25a 500/25a 500/25a	175 200 200 200 200	Tran Tran Tran Tran Tran	* V _{CEM} = 80 V, V _{CBM} = 100 V * V _{CM} = 60 V. * V _{CM} = 60 V. * V _{CM} = 60 V. * V _{CM} = 60 V. - □ $\beta = 76$. . . 330.
n G Me HC 21	2 N 797	> 40/10	—	> 600	< 4	7e	150	150/25a	100	TI	V _{CBM} = 20 V.
p G Me HC 23 p G Me HC 22 p G Me HC 22	2 N 827 2 N 828, A* 2 N 829	150 (> 100)/10 40/10 80 (> 50)/10	— — —	350 400 400	< 9 3,5 —	20 15 15b	100 200 —	150/25a 150/25a 150/25a	100 100 100	Moto Moto Moto	V _{sat} = 0,25 V a $I_c = 10$ mA. * V _{sat} = 0,35 V a $I_c = 150$ mA. V _{sat} = 0,35 V a $I_c = 150$ mA.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_C (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c (°C)	T_{jM} (°C)	Fabbri- cante	Osservazioni
n S PE HC 34	2 N 834	> 25/10	—	> 350	< 4	30e	200	300/25a*	175	Sesc	$V_{CBM} = 40$ V. - $t_s < 25$ ns. - * 1000/25c.
n S Me HC 33	2 N 835	40 (> 20)/10	—	> 300	2,8	20e	200	300/25a	175	Moto	$V_{CBM} = 40$ V.
p G Me HC 24	2 N 838	70 (> 30)/10	—	450	< 4	30	100	150/25a	100	Moto	$V_{sat} = 0,18$ V a $I_C = 10$ mA.
n S PI HF 35	2 N 839, 40*	15...50/10	15	30	15	45	—	300/25a	175	Tran	* $\beta = 30$. .100.
n S PI HF 35	2 N 841, 2*	60...400/10	—	40	12	45	—	300/25a	175	Tran	* $\beta = 20$. .55, $f_t = 30$ MHz.
n S PI HF 35	2 N 843	45...150/10	—	40	10	45	—	300/25a	175	Tran	
n S PI HF 35 6	2 N 844, 5*	40...120/5	—	50	10	60	—	300/25a	175	Tran	* $V_{CEM} = 80$ V, $V_{CBM} = 100$ V
p S PI HF 33	2 N 869	> 20/10	—	> 100	9	25	—	360/25a	200	Fair	Amplif. e comm. non satura.
p S PI HF 33	2 N 869 A	40...120/30 30 (> 25)/100	—	550	—	18e 25b	200	360 25a 1200/25c	200	Fair	Comm. satura e non satur.
n S PI HF 36	2 N 870, 1*	40...120/150 > 20/0,1	—	> 50	< 15	80e 100b	—	500/25a 1000/100c	200	Sesc	* $\beta = 100$. .300, $f_t > 60$ MHz.
n S PI HF 37	2 N 910, 1*, 2□	135 (> 75)/10	15	80	15	80e	—	500/25a	200	Fair	* Guad. 70 (□ 42), $f_t = 70$ (□ 60) MHz.
n S PE HF 33	2 N 914	30...120/10 17 (> 10)/500	—	370	4,5	20e 40b	—	360/25a 1200/25c	200	Fair	$V_{sat} = 0,4$ (< 0,7) V a $I_C = 200$ mA.
n S PI VH 35	2 N 915	50...200/10	—	360	3	50e	—	360/25a	200	Fair	Comm. non satura e amplif.
n S PI VH 33	2 N 916, 7*	50...200/10	—	400	4,2	25e	—	360/25a	200	Fair	* $f_t > 500$ MHz, $F_b = 3,5$ dB a 60 MHz.
n S PI UH 32	2 N 918	50 (> 20)/3	3	900	2,7	15e	—	200/25a	200	Fair	40 mW uscita a 500 MHz, $\eta = 25$ %.
p S PI BF 33	2 N 923, 4*	12...30 1	—	0,8	7	25e	100	250/25a	200	Sol	$V_{CBM} = 40$ V. - * $\beta = 24$. .70.
n S PI BF 35	2 N 929, 30*	> 60/0,5 120 (> 40)/0,01	4	30	8	45	—	300/25a 600/25c	175	TI	* $\beta > 150$ a $I_C = 0,5$ mA. 300 (> 100) a 10 μ A, $F_b = 3$ dB
p S AI BF 35	2 N 935, 6*	9...22/1	—	1,5	8	35e	50	385/25a	160	Sol	$V_{CBM} = 50$ V. - * $\beta = 18$. .44, $f_t = 3$ MHz.
p S AI BF 35	2 N 937	36...88/1	—	4	8	30e	50	385/25a	160	Sol	$V_{CBM} = 50$ V.
p S AI BF 35	2 N 938...40	(*)	—	(*)	8	(*)	100	250/25a	175	Sol	(*) Vedi 2 N 935...7, rispettiv.
p S AI C 31 6	2 N 941...6	(*)	—	(*)	< 14	(*)	100	250/25a	175	Sol	Choppers. - (*) Identici a 2 N 1917...22.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
n S PI HF 35	2 N 956	100...300/150 > 20 0,1...500	3,5	100	18	50e 75b	500	500/25a 1800/25c	200	Fair	$V_{sat} = 0,5$ (< 1,5) V a $I_c = 150$ mA.
p G Me HC 22	2 N 960...3	40/10	—	460	2,2	12*	—	150/25a	100	Moto	* 2 N 960: $V_{CM} = 15$ V.
p G Me HC 22	2 N 964, A*	70/10	—	460	2,2	15	100	150/25a	100	Moto	* $\beta = 80$.
p G Me HC 22	2 N 965...7	70/10	—	460	2,2	12	—	150/25a	100	Moto	Diverse correnti di fuga.
p G Me HC 22	2 N 968...70	35 (> 20)/25	—	320	4	12*	—	150/25a	100	Moto	* 2 N 968: $V_{CM} = 15$ V.
p G Me HC 21	2 N 971	35 (> 20)/25	—	320	4	7	—	150/25a	100	Moto	$V_{sat} = 0,19$ V a $I_c = 10$ mA.
p G Me HC 22	2 N 972...4	75 (> 40)/25	—	320	4	12*	—	150/25a	100	Moto	* 2 N 972: $V_{CM} = 15$ V.
p G Me HC 21	2 N 975	75 (> 40)/25	—	320	4	7	—	150/25a	100	Moto	
p S PI HF 43	2 N 978	15...60/150	—	> 40	< 45	20e	—	330/25a*	150	Tran	$V_{CBM} = 30$ V. * 1250/25c.
p G Me HC 21	2 N 985	> 60/100	—	300	6	7e	200	150/25a	100	Moto	$V_{CBM} = 15$ V.
n S PI HF 32	2 N 995	75 (> 35)/20	3*	> 100	< 10	15e	—	360/25a	200	Fair	* $I_c = 50$ μ A, $f = 1$ kHz.
p S PI HF 32	2 N 996	> 35/20	—	100	10	12e	—	360/25a	200	Tran	$V_{CBM} = 15$ V.
n S PI DA 34	2 N 997	> 1000/0,1 > 7000/100*	—	> 10	< 30	40e 75b	—	500/25a 1000/100c	200	TI	$V_{sat} < 1,6$ V a $I_c = 100$ mA. * < 70.000/100.
n S PI DA 35	2 N 998	> 2000/100 > 800/1	< 6*	—	30	60e 100b	—	500/25a 1800/25c	200	Fair	* $I_c = 1$ mA, $V_{CE} = 10$ V.
n S PI DA 35	2 N 999	< 70 000*/100 > 1000/0,1	—	—	20	60	500	500/25a 1800/25c	200	Fair	* > 7000.
p G Al BF 33/4	2 N 1008, A*	40...150/10	—	—	—	20	300	200/25a	100	Moto	* $V_{CM} = 40$ V.
p G Al BF 35	2 N 1008 B	40...150/10	—	—	—	60	300	200/25a	100	Moto	
p G Al P 86	2 N 1011	30...75/300	—	—	—	80	5000	55 W/25c	95	Delc	$f_b > 5$ kHz, $t_r = 5$ μ s.
n G Al C 23	2 N 1012	> 40/100	—	> 3	< 20	22e	—	150/25a	100	GI	$V_{CBM} = 40$ V.
n S Me P 94...7	2 N 1015 (*)	> 10/2000	—	—	—	30b	7500	175 W/25c	150	Wh	(*) Tipo A: $V_{CBM} = 60$ V, ti-
n S Me P 94...7	2 N 1016 (*)	> 10/5000	—	—	—	30b	7500	175 W/25c	150	Wh	po B: 100 V, tipo C: 150 V.
p G Al P 87	2 N 1021, A*	> 10/5000	—	0,2	—	100	7000	100 W/25c	110	Delc	* $\beta = 30...90$.
p G Al P 87	2 N 1022, A*	> 10/5000	—	0,2	—	120	7000	100 W/25c	110	Delc	* $\beta = 30...90$.
p G D HF 24	2 N 1023	20...175/1,5	—	30	2	40	10	120/25a	100	RCA	$t_r = 32$ ns.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_{j0} o T_c (°C)	T_{jM} (°C)	Fabbricante	Osservazioni
p S Al BF 34	2 N 1025, 6*	9...22/1	—	3	7	35e	100	250/25a	150	Sol	VCBM = 40 V. - * β = 18...44. * VCEM = 10 V, β > 9.
p S Al BF 32	2 N 1027, 8*	> 18 1	—	—	7	15e	100	250/25a	175	Sol	
p G Al P 83...6	2 N 1031, 2 (*)	(*)	—	—	—	(*)	25 A	90 W/25c	110	Sol	(*) Id. a 2 N 677, 8, A, B, C.
p S PE BF 34	2 N 1034, 5*	9...22 1	< 30	> 0,15	110	35e	100	250/25a	160	Crys	* β = 18...42; f_t = 0,2 MHz.
p S PE BF 34	2 N 1036, 7*	34...88/1	< 30	> 0,3	110	35	100	250/25a	160	Crys	* β = 9...42; f_t > 0,15 MHz. F_b < 15 dB.
p G Al P 74 5	2 N 1038, 9*	20...60/1000	—	—	—	40b	3000	20 W/25c	100	TI	* VCBM = 60 V.
p G Al BF 34	2 N 1039 Ses	90 (> 33)/40*	—	—	—	40e	3000	500/25a	100	Sesc	VCBM = 60 V. - * 20...60/1000. - f_b > 8 kHz.
p G Al P 76/7	2 N 1040, 1*	20...60/1000	—	—	—	80b	3000	20 W/25c	100	TI	* VCBM = 100 V.
p G Al BF 35	2 N 1040, 1□ Ses	90 (> 33)/50*	—	—	—	60e	3000	500/25a	100	Sesc	VCBM = 60 V. - * 20...60/1000. - f_b > 8 kHz - VCEM = 60 V.
p G Al P 74/5	2 N 1042, 3*	20...60/2000	—	—	—	40b	3500	20 W/25c	100	TI	* VCBM = 60 V.
p G Al P 76/7	2 N 1044, 5*	20...60/2000	—	—	—	80b	3500	20 W/25c	100	TI	* VCBM = 100 V.
p G AD HF 85	2 N 1046	> 40/500	—	20	—	50e	10 A	150 W/25c	100	TI	VCBM = 100 V.
n S Me P 76/7	2 N 1047, 8*	12...36/500	—	—	—	80	500	40 W/25c	200	TI	* VCBM = 120 V.
n S Me P 76/7	2 N 1049, 50*	30...90/500	—	—	—	80	500	40 W/25c	200	TI	* VCBM = 120 V.
n S PI C 58	2 N 1052	20...80/200	—	> 8	50	155e	—	5000 100c	200	Tran	VCBM = 200 V. * VCEM = 115 V, VCBM = 125 V.
n S PI C 57	2 N 1053, 4*	20...80/200	—	> 8	50	135e	—	5000 100c	200	Tran	
n S PI BF 27	2 N 1055	20...80/50	—	> 3	—	100	—	150/25a	200	Tran	
p G D HF 24	2 N 1066	20...175/1,5	—	30	2	40	10	120/25a	100	RCA	t_r = 32 ns.
n S Me P 55	2 N 1067, 8*	15...75/200	—	1,5	—	60	500	5000/25c	175	Sitr	* β = 15...75 a 750 mA. I_{CM} = 1,5 A, P_d = 10 W.
n S Me P 75	2 N 1069, 70*	10...50/1500	—	—	—	45e	7500	50 W/25c	200	Sol	VCBM = 60 V. - * V_{sat} < 1 V - I_c = 1,5 A.
p G AD P 84/6	2 N 1073, A*	20...60/5000	—	0,6	—	40	10 A	90 W/25c	100	Delc	* VCM = 80 V.
p G AD P 87	2 N 1073 B	20...60/5000	—	0,6	—	120	10 A	90 W/25c	100	Delc	f_b = 17 kHz, t_r = 6 μ s.
n S PI P 75	2 N 1079, 80*	20...80/1000	—	—	—	60e	3000	45 W/100c	200	Tran	* β = 20...80 a I_c = 2 A. VCBM = 60 V.
n S PI C 55	2 N 1084	15...60/1500	—	25	—	50e	—	5000/100c	200	Tran	

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_c o T_c (°C)	T_{jM} (°C)	Fabbri- cante	Osservazioni
n G Ti HF 21	2 N 1086, A	17...200/1	—	9	2,4	9	20	65/25a	85	GE	GP = 24 dB a 1,6 MHz, conv.
n G Ti HF 21	2 N 1087	17...200/1	—	9	2,4	9	20	65/25a	85	GE	GP = 26 dB a 1,6 MHz, conv.
n G Al C 22	2 N 1090	> 30/20	—	> 5	< 25	15e	400	120/25a	85	GI	V _{CBM} = 25 V.
n G Al C 22	2 N 1091	> 40/20	—	> 10	< 25	12e	400	120/25a	85	GI	V _{CBM} = 25 V.
p G Al P 86	2 N 1099	35...70/5000	—	—	—	70e	15 A	125 W/25c	100	Delc	V _{CBM} = 80 V, β = 25 a I_c = 12 A.
p G Al P 87	2 N 1100	25...50/5000	—	0,3	—	100b	15 A	87 W/25c	95	Delc	β = 20 a I_c = 12 A.
n S PI C 55	2 N 1116, 7*	40...150/500	—	4	—	60	—	5000/100c	200	Tran	* β = 40...150 a I_c = 0,2 A.
p S — C 24	2 N 1118, A*	> 15/1	—	21	< 12	25	50	150/25a	140	Spra	* β = 15...35, f_t = 18 MHz.
p S — C 22	2 N 1119	> 15/15	—	7,2	< 12	10	50	150/25a	140	Spra	
p G Al P 74	2 N 1120	20...50/10 A	—	—	—	40e	15 A	45 W/25c	110	Sol	V _{CBM} = 80 V.
p S — HC 44	2 N 1131, 2*	20...45/150	—	> 50	< 45	35e	—	600/25a	175	Moto	V _{CBM} = 50 V, - * β = 30...90.
p S — HC 44/5	2 N 1132 A, B*	30...90/150	—	> 60	< 30	40e	—	600/25a	175	Moto	f_t > 60 MHz. V _{CBM} = 60 e * 70 V, - * V _{CEM} = 45 V.
p G Al P 84...6	2 N 1136 (*)	50...100/3000	—	—	—	30e	5000	90 W/25c	100	Sol	Tipi A: V _{CEM} = 55 V, V _{CBM} = 90 V.
p G Al P 84...6	2 N 1137 (*)	75...150/3000	—	—	—	30e	5000	90 W/25c	100	Sol	
p G Al P 84...6	2 N 1138 (*)	100...200/3000	—	—	—	30e	5000	90 W/25c	100	Sol	Tipi B: V _{CEM} = 65 V, V _{CBM} = 100 V.
p G Me VH 34	2 N 1141	> 10/10	3*	800	< 1,5	35b	100	300/25a	100	Moto	* A 100 MHz, GP = 25 dB.
p G Me VH 34	2 N 1142	> 10/10	3,5*	800	< 1,5	30b	100	300/25a	100	Moto	* A 100 MHz, GP = 24 dB.
p G Me VH 33	2 N 1143	> 10/10	4*	800	< 1,5	30b	100	300/25a	100	Moto	* A 100 MHz, GP = 24 dB.
p G Al P 84/5	2 N 1146, A*	60...150/5000 50 (> 30)/15 A	—	> 0,15	—	30e 40b	15 A	69 W/45c 1830/45a	100	Moto	t_s = 5 μ s, t_f = 25 μ s, - * V _{CEM} = 45 V, V _{CBM} = 60 V.
p G Al P 85/6	2 N 1146 B, C*	60...150/5000 50 (> 30)/15 A	—	> 0,15	—	60e 80b	15 A	69 W/45c 1830/45a	100	Moto	t_s = 5 μ s, t_f = 25 μ s, - * V _{CEM} = 75 V, V _{CBM} = 100 V.
p G Al P 85	2 N 1159	30...75/3000*	—	—	—	60e□	7000	100 W/25c	110	Delc	* < 150/1000. - □ 80b.
p G Al P 85	2 N 1160	20...50/5000*	—	—	—	60e□	7000	100 W/25c	110	Delc	* < 100/2000. - □ 80b.
p G Al P 84	2 N 1162, 3	15...65/25 A	—	> 0,4	—	35e	25 A	90 W/25c	100	Moto	V _{CBM} = 50 V.
p G Al P 85	2 N 1164, 5	15...65/25 A	—	> 0,4	—	60e	25 A	90 W/25c	100	Moto	V _{CBM} = 80 V.
p G Al P 86	2 N 1166, 7	15...65/25 A	—	> 0,4	—	75e	25 A	90 W/25c	100	Moto	V _{CBM} = 100 V.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DAI} (mW) / a T_c o T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
p G Al P 84	2 N 1168	110 (-70) 1000*	—	—	—	30e	5000	90 W 25c	100	Delc	$V_{CBM} = 50$ V. - * 60/3000. - $f_b = 10$ kHz.
p G Al BF 33	2 N 1175, A	70...140 20	< 8	4	26	25e	200	200 25a	85	GE	$V_{CBM} = 35$ V.
p G Al P 65 6	2 N 1183 (*)	20...60 400	—	0,5	—	45	3000	7500/25c	100	RCA	} (*) Tipi A: $V_{CM} = 60$ V, } tipi B: 80 V.
p G Al P 65 6	2 N 1184 (*)	40...120 400	—	0,5	—	45	3000	7500/25c	100	RCA	
p G Al C 34	2 N 1185	190...400 1	—	3	—	30e	500	200/25a	100	Moto	$V_{CBM} = 45$ V.
p G Al C 35	2 N 1186, 7	30...70 1	—	1,8	—	45e	500	200/25a	100	Moto	$V_{CBM} = 60$ V.
p G Al C 35	2 N 1188	100...225 1	—	2,5	—	45e	500	200/25a	100	Moto	$V_{CBM} = 60$ V.
p G Al C 34	2 N 1189, 90*	...60 10	—	4	—	30e	500	200/25a	100	Moto	$V_{CBM} = 45$ V. - * $\beta > 100$.
p G Al BF 33	2 N 1191, 2*	30...70 1	—	1,8	20	25e	200	200 25a	100	Moto	$V_{CBM} = 40$ V. - * $\beta = 50...125$.
p G Al BF 33	2 N 1193, 4*	100...250 1	—	2,8	20	25e	200	200 25a	100	Moto	$V_{CBM} = 40$ V. - * $\beta = 190...500$.
p G Me VH 33	2 N 1195	40 10	3*	800	< 1,5	20e	50	225 25a	100	Moto	* A 100 MHz, GP = 25 dB.
p G Me HC 33 2	2 N 1204, A*	35 400	—	200	5	20	500	300 25a	100	Moto	* $V_{CEM} = 15$ V, $\beta > 25$ a $I_c = 0,2$ A.
n S Pl C 45 7	2 N 1206, 7*	20...80 50	—	> 10	—	60	—	550 25a	175	Tran	* $V_{CEM} = 100$ V, $V_{CBM} = 125$ V
n S Me P 85	2 N 1208, 9*	30 (> 15) 2000	—	20	—	60	5000	85 W 25c	185	Sesc	* $V_{CM} = 45$ V, $\beta > 20$, $t_r =$ 0,5 μ s.
n S Pl P 75 6	2 N 1210, 1*	15...75 2000	—	15	—	60	3000	30 W 100c	200	Tran	* $V_{CM} = 80$ V.
n S Pl P 75	2 N 1212	12...36 1000	—	10	—	60	3000	45 W 100c	200	Tran	
p S PE BF 33	2 N 1219, 20*	> 18 5	< 25	> 5	< 18	25e	100	250 25a	175	Crys	* $\beta > 9$, $f_t > 2$ MHz.
p S PE BF 33	2 N 1221, 2*	> 18 1	< 25	> 5	< 18	25e	100	250/25a	175	Crys	* $\beta > 9$, $f_t > 2$ MHz.
p S PE BF 34	2 N 1223	> 6 1	< 25	> 2	< 18	40	100	250/25a	175	Crys	
p G D HF 24	2 N 1224, 5*	20...175 1,5	—	30	2	40	10	120 25a	100	RCA	* $f_t = 70$ MHz. - Identici a 2 N 270 e * 384.
p G Al P 74	2 N 1227	25...320 500	—	—	—	40b	3000	50 W 25c	100	Sol	
p S Al BF 32	2 N 1228, 9*	14...32 1	—	3	8	15	—	400 25a	150	Sol	* $\beta = 28...65$, $f_t = 4$ MHz.
p S Al BF 34	2 N 1230, 1*	14...32 1	—	3	8	35	—	400 25c	150	Sol	* $\beta = 28...65$, $f_t = 4$ MHz.
p S Al BF 35	2 N 1232, 3*	14...32 1	—	2	8	60	—	400 25a	150	Sol	* $\beta = 28...65$, $f_t = 3$ MHz.
p S Al BF 37	2 N 1234	14...32 1	—	2	8	110	—	400 25a	150	Sol	

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c ($^{\circ}C$)	T_{jM} ($^{\circ}C$)	Fabbri- cante	Osservazioni
n S PI P 78	2 N 1235	12...60/1000	—	—	—	120	—	45 W/100c	200	Tran	
+n S Ti BF 11	2 N 1247	> 15/5 μA	—	> 5	< 20	6	2	30/25a	150	Tran	* $\beta > 20$ a $I_c = 30 \mu A$.
+n S Ti BF 11	2 N 1248, 9*	> 15/0,02	—	—	—	6	2	30/25a	150	Tran	
n S PI P 75	2 N 1250	> 15/2000	—	—	—	60	—	45 W/100c	200	Tran	
p S PI HF 34	2 N 1254, 5*	25...50/10	—	> 40	10	30	—	275/25a	175	Tran	* $\beta = 40...80$.
p S PI HF 34	2 N 1256, 7*	25...50/10	—	> 40	10	40	—	275/25a	175	Tran	* $\beta = 40...80$.
p S PI HF 34/5	2 N 1258, 9*	75...150/10	—	> 40	10	30	—	275/25a	175	Tran	* $\beta = 23...100$, $V_{CM} = 50 V$.
+n S Ti HF 24	2 N 1276, 7*	> 10/10	12	30	5	30e	25	150/25a	150	Tran	$V_{CBM} = 40 V$. - * $\beta > 20$.
+n S Ti HF 24	2 N 1278, 9*	> 33/10	12	30	5	30e	25	150/25a	150	Tran	$V_{CBM} = 40 V$. - * $\beta > 80$, $f_t > 34 MHz$.
n G Al HF 23	2 N 1302	50 (> 20)/10*	—	10	12	25b	300	150/25a	85	TI	* > 10/200.
p G Al HF 24	2 N 1303	50 (> 20)/10*	—	5	9	30b	300	150/25a	85	TI	* > 10/200.
n G Al HF 23	2 N 1304	40...200/10*	—	15	12	25b	300	150/25a	85	TI	* > 15/200.
p G Al HF 24	2 N 1305	40...200/10*	—	10	9	30b	300	150/25a	85	TI	* > 15/200.
n G Al HF 23	2 N 1306	60...300/10*	—	20	12	25b	300	150/25a	85	TI	* > 20/200.
p G Al HF 24	2 N 1307	60...300/10*	—	15	9	30b	300	150/25a	85	TI	* > 20/200.
n G Al HF 23	2 N 1308	150 (> 80) 10*	—	25	12	25b	300	150/25a	85	TI	* > 20/200.
p G Al HF 24	2 N 1309	150 (> 80) 10*	—	20	9	30b	300	150/25a	85	TI	* > 20/200.
n G — C 26	2 N 1310	> 20 5	10	1	11	90b	—	120/25a	85	GI	Comando tubi neon.
n G — C 26	2 N 1311	> 15/5	10	1,5	11	75b	—	120/25a	85	GI	Comando tubi neon.
n G — C 25	2 N 1312	30 (> 20)/20	10	2	11	50b	—	120/25a	85	GI	Comando tubi neon.
n S PI VH 57	2 N 1342	10...150/30	—	70	< 8	125e	300	2800/25c	175	TRW	$V_{CBM} = 150 V$. - 0,7 W uscita a 70 MHz.
p G Al P 84	2 N 1358	> 80/1200*	—	0,2	—	40e	15 A	87 W/25c	95	Dclc	$V_{CBM} = 80 V$. - * 25...50/5000.
p G Al P 87	2 N 1358 A	25...50/5000	—	—	—	100	15 A	140 W/25c	110	Dclc	$f_b > 5 kHz$, $t_r < 30 \mu s$.
p G Al P 84	2 N 1359, 60*	35...90/1000	—	> 0,35	—	40e	3000	90 W/25c	100	Moto	$V_{CBM} = 50 V$. - * $\beta = 60...140$.
p G Al P 86	2 N 1362, 3*	35...90/1000	—	> 0,35	—	75e	3000	90 W/25c	100	Moto	$V_{CBM} = 100 V$. - * $\beta = 60...140$.
p G Al P 87	2 N 1364, 5*	35...90/1000	—	> 0,35	—	100e	3000	90 W/25c	100	Moto	$V_{CBM} = 120 V$. - * $\beta = 60...140$.
p S Al BF 35	2 N 1375, 7*	45...165 50	—	—	—	45	200	250/25a	100	TI	$V_{EBM} = 25 V$. - * $\beta = 67...165$.
p G D HC 34	2 N 1384	50 (> 20)/200	—	35	—	30	500	240/25a	85	RCA	$t_s = 250 ns$ a $I_c = 0,2 A$.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a $T_{a o}$ T_c (°C)	T_{jM} (°C)	Fabbri- cante	Osservazioni
p G D HF 24	2 N 1395...7	50...175/1,5	—	30	2	40	10	120/25a	100	RCA	2 N 1396: $f_t = 70$ MHz.
p G — C 25	2 N 1408	20 (> 10)/20	—	—	35	50b	—	150/25a	100	GI	Comando tubi neon.
p G AI P 86	2 N 1412	25...50/5000*	—	—	—	80e	15 A	125 W/25c	100	Delc	$V_{CBM} = 100$ V. - * 20/12 A. - $f_b = 10$ kHz.
p G AI BF 33	2 N 1413, 14*	25...42/20	6	3,4	26	25e	200	200/25a	85	GE	$V_{CBM} = 35$ V. - * $\beta = 34$. .65.
p G AI BF 33	2 N 1415	35...90/20	6	4	26	25e	200	200/25a	85	GE	$V_{CBM} = 35$ V.
n S Ti HF 22,4	2 N 1417, 8*	60/1	—	34	1,5	30	—	150/25a	150	GE	* $V_{CM} = 30$ V.
n S PI HF 44	2 N 1420	100...300/150	—	100	17	40e	—	600/25a*	175	Fair	$V_{CBM} = 60$ V. - * 2000/25c.
p G AD P 76	2 N 1430	30...100/500	—	1,5	—	80	10 A	50 W/25c	110	Sol	$V_{sat} = 0,4$ V a $I_c = 10$ A.
p S AI BF 35	2 N 1439, 40*	9...22 1	—	> 0,5	< 25	50	100	400/25a	200	Crys	* $V_{CBM} = 60$ V.
p S AI BF 34	2 N 1441, 2*	18...36 1	—	> 0,5	< 25	35e	100	400/25a	200	Crys	* $V_{CEM} = 30$ V, $\beta = 30$. .65.
p S AI BF 32	2 N 1443	> 50/1	—	> 0,5	< 25	15e	100	400/25a	200	Crys	$V_{CBM} = 50$ V.
n S PI C 57	2 N 1445	20...80/200	—	—	—	120	—	4000/25c	—	Tran	$V_{sat} = 4$ V a $I_c = 0,2$ A.
p S AI BF 34	2 N 1469	36...88/1	—	4	7	35e	100	250/25a	150	Sol	$V_{CBM} = 40$ V.
p S AI BF 35	2 N 1474, A*	18...44/1	—	> 1	< 12	60	100	250/25a	175	Crys	* $\beta = 18$. .44, $f_t > 2$ MHz.
p S AI BF 35	2 N 1475	36...88/1	—	> 1	< 12	60	100	250/25c	175	Crys	* $\beta = 30$. .65.
p S AI BF 37	2 N 1476, 7*	12...36/1	—	> 1	< 12	100	100	250/25c	175	Crys	
n S D P 55/7	2 N 1479, 80*	20...60/200	—	1,5	150	60	1500	5000/25c	200	RCA	* $V_{CM} = 100$ V (55 V a base aperta).
n S D P 55/7	2 N 1481, 2*	35...100/200	—	1,5	150	60	1500	5000/25c	200	RCA	
n S D P 65/7	2 N 1483, 4*	20...60/750	—	1,25	175	60	3000	14 W/100c	200	RCA	
n S D P 65/7	2 N 1485, 6*	55...100/750	—	1,25	175	60	3000	14 W/100c	200	RCA	
n S — P 84/5	2 N 1487, 8*	15...45/1500	—	1	200	40e	6000	85 W/25c*	200	RCA	* $V_{CEM} = 55$ V. - * 45 W/100c.
n S — P 84/5	2 N 1489, 90*	25...75/1500	—	1	200	40e	6000	85 W/25c	200	RCA	* $V_{CEM} = 55$ V.
n S D VH 34/5	2 N 1491, 2*	40/40	—	300	< 5	30	250	500/25a	175	RCA	$GP > 13$ dB a 70 MHz. - * $V_{cm} = 60$ V.
n S D VH 37	2 N 1493	40/40	—	300	< 5	100	250	500/25a	175	RCA	$GP > 10$ dB a 70 MHz, 0,5 W uscita.
p G Me HC 33	2 N 1494	35/400	—	200	5	20	500	500/25a	100	Moto	$V_{sat} = 0,24$ V a $I_c = 0,2$ A.
p G Me HC 32	2 N 1494 A	> 25/200	—	200	< 8	15e	500	500/25a	100	Moto	$V_{CBM} = 20$ V.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{IAM} (mW) / a T_a o T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
p G Me HC 34	2 N 1495	40 200	—	300	4	40	500	500/25a	100	Moto	$V_{sat} = 0,24$ V a $I_c = 0,2$ A.
p G Me HC 33	2 N 1496	40 200	—	300	4	25e	500	500/25a	100	Moto	$V_{CBM} = 40$ V.
n S Me HF 44	2 N 1505	> 7 100	—	150	8	40e	—	800/25a*	170	TRW	$V_{CBM} = 50$ V. - * 3000/25c. - 1 W uscita a 70 MHz, GP = 10. . . 12 dB.
n S Me HF 44	2 N 1506	> 15/100	—	200	8	40e	—	800/25a*	170	TRW	
n S PI VH 46	2 N 1506 A	10...100/100	—	220	10	80	—	800/25a*	200	TRW	* 3500/25c. - 1,3 W uscita a 70 MHz.
p G Al P 84 5	2 N 1518, 9*	> 12 25 A	—	—	—	40e	25 A	90 W 25c	100	Delc	* $V_{CEM} = 60$ V, $V_{CBM} = 80$ V.
p G Al P 84 5	2 N 1520, 1*	> 12 35 A	—	—	—	40e	35 A	90 W 25c	100	Delc	* $V_{CEM} = 60$ V, $V_{CBM} = 80$ V.
p G D HF 23	2 N 1524, 5	60/1	—	33	2	24b	10	80/25a	85	RCA	GP = 35 dB a 455 kHz.
p G D HF 23	2 N 1526, 7	130/1	—	33	—	24b	10	80/25a	85	RCA	GP = 35 dB a 1,5 MHz, conv.
p G Al P 84	2 N 1529	20...40 3000	—	> 0,35	—	30e	5000	90 W/25c	100	Moto	$V_{CBM} = 40$ V.
p G Al P 85	2 N 1530, 1*	20...40 3000	—	> 0,35	—	45e	5000	90 W 25c	100	Moto	* $V_{CEM} = 60$ V, $V_{CBM} = 80$ V.
p G Al P 86	2 N 1532, 3*	20...40 3000	—	> 0,35	—	75e	5000	90 W 25c	100	Moto	* $V_{CEM} = 90$ V, $V_{CBM} = 120$ V.
p G Al P 84	2 N 1534	35...70 3000	—	—	—	30e	5000	90 W/25c	100	Delc	$V_{CBM} = 40$ V.
p G Al P 85	2 N 1535, 6*	35...70 3000	—	—	—	45e	5000	90 W/25c	100	Delc	* $V_{CEM} = 60$ V. $V_{CBM} = 80$ V.
p G Al P 85	2 N 1537, 8*	35...70 3000	—	—	—	50e	5000	90 W/25c	100	Moto	* $V_{CEM} = 60$ V, $V_{CBM} = 120$ V. $I_{CM} = 3$ A.
p G Al P 84...6	2 N 1539...43	50...100 3000	—	—	—	(*)	5000	90 W/25c	100	Delc	(*) Vedi 2 N 1529...33, rispett.
p G Al P 84...6	2 N 1544...8	75...150 3000	—	—	—	(*)	5000	90 W 25c	100	Delc	(*) Vedi 2 N 1529...33, rispett.
p G Al P 84/5	2 N 1549, 50*	20...40 10 A	—	> 0,5	—	30e	15 A	90 W/25c	100	Moto	* $V_{CEM} = 45$ V, $V_{CBM} = 60$ V.
p G Al P 85/6	2 N 1551, 2*	20...40/10 A	—	> 0,4	—	60e	15 A	90 W/25c	100	Moto	* $V_{CEM} = 75$ V, $V_{CBM} = 100$ V.
p G Al P 84...6	2 N 1553...6	30...60 10 A	—	> 0,4	—	(*)	15 A	90 W/25c	100	Moto	(*) Vedi 2 N 1549...52, rispett.
p G Al P 84...6	2 N 1557...60	50...100 10 A	—	> 0,4	—	(*)	15 A	90 W/25c	100	Moto	(*) Vedi 2 N 1549...52, rispett.
p G Me VH 53	2 N 1561, 2*	—	—	500	< 10	25	250	3000 25c	100	Moto	0,4 e * 0,5 W usc. a 160 MHz.
n S PI HF 45	2 N 1565	30...100 5	—	180	< 10	60e	—	600 25a□	175	Sesc	□ 1200/25c. - $V_{CBM} = 80$ V.
n S PI HF 45	2 N 1566, A*	110 (> 60)/1	—	180	< 10	60e	—	600/25a□	175	Sesc	□ 1200/25c. - $V_{CBM} = 80$ V. - * $C_{cb} < 6$ pF.
n G Al C 23 4	2 N 1605, A*	> 40/20	—	> 4	< 20	24	100	150 25a	100	GI	* $V_{CM} = 40$ V, fabbr.: RCA.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_r ($^{\circ}C$)	T_{jM} ($^{\circ}C$)	Fabbri- cante	Osservazioni
n S PI HF 45	2 N 1613	40...120/150 55 (> 20)/500*	—	80	18	50e 75b	500	800/25a 3000/25c	200	Fair	$V_{sat} = 0,6 (< 1,5)V$ a $I_c = 150$ mA. * 50 (> 20)/0,1.
n S PI BF 47	2 N 1615	> 25/5	—	> 2	< 100	100	200	600/25a*	135	Tran	* 5000/25c.
n S Me P 85/6	2 N 1616, 7*	15...75/2000	—	20	—	60	5000	85 W/25c	185	Sesc	Tipi A (Bendix): $\beta = 20$...60 * $V_{CM} = 80$ V.
n S Me P 87	2 N 1618, A*	15...75/2000	—	20	—	100	5000	85 W/25c	185	Sesc	$tr = 0,5 \mu s$. - * $\beta = 20$...60
n S PI P 76	2 N 1620	15...75/2000	—	> 3	—	80	5000	30 W/25c	200	Tran	fabbri.: Bend. $V_{sat} < 2$ V a $I_c = 2$ A.
p G D HF 24	2 N 1631, 2	80/1	—	45	2	34b	10	80/25a	85	RCA	GP = 25 dB a 1,5 MHz.
p G D HF 24	2 N 1637	80/1	—	45	2	34b	10	80/25a	85	RCA	GP = 25 dB a 1,5 MHz.
p G D HF 24	2 N 1638	75/1	—	40	2	34b	10	80/25a	85	RCA	GP = 35 dB a 260 MHz.
p G D HF 24	2 N 1639	75/1	—	45	2	34b	10	80/25a	85	RCA	GP = 36 dB a 1,5 MHz, conv
p S PE C 34	2 N 1640, 1*	11/1	—	0,4	50	30	50	250/25a	160	Crys	* $\beta = 15$. - Bilaterali.
p S PE C 34	2 N 1642	23/1	—	1,2	50	30	50	250/25a	160	Crys	Bilaterale.
p S PI BF 33	2 N 1643	10...25/1	—	—	7	25	50	250/25a	160	Crys	
n S Me P 76/7	2 N 1647, 8*	15...45/500□	—	10	—	80	3000	40 W/25c	175	Tran	□ > 12/100...1000. - * $V_{CM} = 120$ V.
n S Me P 76	2 N 1649	30...90/500□	—	10	—	80	3000	40 W/25c*	175	Tran	□ > 20/100...1000. - * 20 W/100c.
n S Me P 77	2 N 1650	> 30/500□	—	10	—	120	3000	40 W/25c*	175	Tran	□ > 20/100...1000. - * 20 W/100c.
p G AD P 85	2 N 1651	> 20/25 A	—	—	—	60b	25 A	100 W/25c	110	Sol	$V_{sat} < 0,65$ V a $I_c = 25$ A.
p G AD P 87	2 N 1652, 3*	> 20/25 A	—	—	—	100b	25 A	100 W/25c	110	Sol	$V_{sat} < 0,65$ V a $I_c = 25$ A. - * $V_{CBM} = 120$ V.
p S AI BF 36	2 N 1654	20...45/1	—	> 0,1	< 75	80e	50	250/25a	160	Crys	$V_{CBM} = 100$ V.
p S AI BF 36	2 N 1655, 6*	20...45/1	—	> 0,1	< 75	100e	50	250/25a	160	Crys	$V_{CBM} = 125$ V. - * $\beta = 10$...22.
n G — C 24	2 N 1672	15...125/1	—	—	—	40e	—	120/25a	85	GI	Comando tubi neon.
p S — C 21	2 N 1676, 7*	10/1	—	> 16	< 14	4,5	50	100/25a	140	Spra	Choppers. $V_{sat} = 1$ e * 3 mV.
p G Me HC 22	2 N 1683	85 (> 50)/40	—	80	8	12	100	150/25a	85	RCA	$t_s = 80$ ns a $I_c = 40$ mA.
n S PI P 76/7	2 N 1690, 1*	20...60/500	—	—	—	80	750	40 W/25c	200	TI	* $V_{CM} = 120$ V.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c ($^{\circ}C$)	T_{JM} ($^{\circ}C$)	Fabbri- cante	Osservazioni
p G Me VH 53	2 N 1692, 3*	—	—	500	< 10	25	250	3000/25c	100	Moto	0,5 e * 0,4 W usc. a 160 MHz.
n G Ti C 23	2 N 1694	15...45/2	—	9	2,5	20	25	65/25a	85	GE	
n S D P 55	2 N 1700	20...80/100	—	1,2	150	60	1000	5000/25c	200	RCA	
n S D P 75	2 N 1701	20...80/300	—	1	175	60	2500	25 W/25c	200	RCA	$V_{CBM} = 60$ V.
n S Me P 84	2 N 1702	11...60/800	—	—	—	40e	5000	75 W/25c	200	RCA	
p G Al C 32	2 N 1705	70...150/1	—	4	—	12e	400	200/25a	100	Moto	$V_{CBM} = 18$ V. $V_{CBM} = 25$ e * 30 V. - * $V_{CEM} = 25$ V, $\beta > 30$.
p G Al C 33	2 N 1706, 7*	50...150/10	—	3	—	18e	400	200/25a	100	Moto	
n S PE C 23	2 N 1708	> 20/10	—	> 200	< 6	20e	200	300/25a*	175	Moto	$V_{CBM} = 25$ V. - * 1000/25c.
n S PI HF 65	2 N 1709, 10*	7,5...75/350	—	> 120	—	60e	2000	15 W/25c	175	TRW	5 W usc. a 30 MHz. - * $V_{CEM} = 45$ V.
n S PI HF 45	2 N 1711	100...300/150 75 (> 40)/500*	—	100	18	50e 75b	500	800/25a 3000/25c	200	TI	$V_{sat} = 0,5$ (< 1,5) V a $I_c = 150$ mA. * 80 (> 35)/0,1.
n S Me P 65/7	2 N 1714, 5□	20...60/200	—	> 16	< 50	60e	1000	10 W/100c*	175	TI	* 800/25a. - □ $V_{CEM} = 100$ V.
n S Me P 65/7	2 N 1716, 7□	40...120/200	—	> 16	< 50	60e	1000	10 W/100c*	175	TI	* 800/25a. - □ $V_{CEM} = 100$ V.
n S Me P 65/7	2 N 1718...21	(*)	—	> 16	< 50	(*)	1000	(*)	175	TI	(*) Ident. a 2 N 1714...7, risp.
n S — P 86	2 N 1722	20...90/2000	—	> 15	—	80e	5000	117 W/25c	200	TI	$V_{CBM} = 120$ V.
n S Me P 77	2 N 1722 A	30...90/2000	—	> 10	—	120e	7500	50 W/100c	175	TI	$V_{CBM} = 180$ V. $V_{CBM} = 120$ V.
n S PI P 76	2 N 1723	50...150/2000	—	> 10	< 550	80e	7500	50 W/100c	175	Tran	
n S Me P 86	2 N 1724	20...90/2000*	—	> 10	< 550	80e	7500	50 W/100c	175	Sesc	$V_{CBM} = 120$ V. - * > 20/100. $V_{CBM} = 180$ V. - * > 20/5000. - $V_{sat} < 0,5$ V. $V_{CBM} = 120$ V. - * > 50/100. - $V_{sat} < 1$ V.
n S Me P 87	2 N 1724 A	30...90/2000*	—	> 10	< 550	120e	7500	50 W/100c	175	Sesc	
n S Me P 86	2 N 1725	50...150/2000*	—	> 10	< 550	80e	5000	50 W/100c	175	Sesc	
p G MA HF 23	2 N 1726, 7*	> 40/1	—	—	< 2,5	20	50	60/25a	100	Spra	GP > 35 dB a 1,6 MHz. - * $\beta > 15$. GP > 40 dB a 0,5 MHz. GP > 14 dB a 200 MHz. - * F_b conv. < 12 dB.
p G MA HF 23	2 N 1728	> 25/1	—	—	< 2,5	20	50	60/25a	100	Spra	
p G MA VH 23	2 N 1742, 3*	33/1	< 5,5	—	—	20	50	60/25a	100	Spra	

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c ($^{\circ}C$)	T_{jM} ($^{\circ}C$)	Fabbri- cante	Osservazioni
p GMAVH 23	2 N 1744	33/1	—	—	—	20	50	60/25a	100	Spra	Oscillatore, 1,5 mW uscita a 250 MHz. GP > 21 dB a 45 MHz. GP = 30 dB a 4,5 MHz. * > 25 dB a 10,7 MHz.
p GMAVH 23	2 N 1745	33	—	—	—	20	50	60/25a	100	Spra	
p GMAHF 23	2 N 1746, 7*	> 10	—	—	< 3	20	50	60/25a	100	Spra	
p GMAHF 23	2 N 1748, A	30...150	—	—	< 2,5	25	50	60/25a	100	Spra	
p GMAHF 24	2 N 1749	30...150	—	—	< 2,5	40	10	75/25a	100	Spra	
p GADP 84	2 N 1751	30...90/20 A	—	—	—	40e	25 A	80 W/25c	110	Sol	$V_{CBM} = 80 V$.
p GMAHF 22	2 N 1752	50...300/1	—	—	3	12	50	60/25a	100	Spra	
p GMAHF 12	2 N 1785, 6*	> 40/1	—	—	< 3	10	50	45/25a	85	Spra	GP = 35 dB a 1,6 MHz. - * $\beta > 15$. GP = 40 dB a 0,5 MHz. (*) Id. a 2 N 1785...7, rispett.
p GMAHF 12	2 N 1787	> 20/1	—	—	< 3	15	50	45/25a	85	Spra	
p GMAHF 12	2 N 1788...90	(*)	—	—	< 2,5	35	50	60/25a	100	Spra	
n S — P 95	2 N 1809	> 10/10 A	—	0,2	—	50e	30 A	250 W/60c	175	Wh	$Rs_{at} < 0,15 \Omega$. * $V_{CEM} = 150 V$. * $V_{CEM} = 250 V$. $Rs_{at} < 0,15 \Omega$. $Rs_{at} < 0,1 \Omega$. - (*) Vedi 2 N 1809...13. $Rs_{at} < 75 m\Omega$. - (*) Vedi 2 N 1809...12. $Rs_{at} < 60 m\Omega$. - (*) Vedi 2 N 1809...12.
n S — P 97	2 N 1810, 1*	> 10/10 A	—	0,2	—	100e	30 A	250 W/60c	175	Wh	
n S — P 98	2 N 1812, 3*	> 10/10 A	—	0,2	—	200e	30 A	250 W/60c	175	Wh	
n S — P 99	2 N 1814	> 10/10 A	—	0,2	—	300e	30 A	250 W/60c	175	Wh	
n S — P 95...8	2 N 1816...20	> 10/15 A	—	0,2	—	(*)	30 A	250 W/60c	175	Wh	
n S — P 95...8	2 N 1823...6	> 10/20 A	—	0,2	—	(*)	30 A	250 W/60c	175	Wh	
n S — P 95...8	2 N 1830...3	> 10/25 A	—	0,2	—	(*)	30 A	250 W/60c	175	Wh	
n S PI HC 45	2 N 1837	> 9/50	< 8	175	11	50e	—	600/25a	150	TRW	$V_{CBM} = 80 V$.
p GMAHF 23	2 N 1864	> 20/1	—	—	< 3	20	50	60/25a	100	Spra	GP = 30 dB a 0,5 MHz. GP > 25 dB a 10,7 MHz. GP > 21 dB a 45 MHz.
p GMAHF 23	2 N 1865	60/1	—	—	—	20	50	60/25a	100	Spra	
p GMAHF 24	2 N 1866, 7	> 40/1	—	—	—	35	50	60/25a	100	Spra	
p GMAVH 23	2 N 1868	33/1	—	—	—	20	50	60/25a	100	Spra	
n S Me P 75	2 N 1886	20...80/500	—	> 2	—	60	3000	40 W/25c*	175	Tran	* 20 W/100c.
n S PI HF 46	2 N 1889, 90*	40...120/150 > 20/0,1	—	> 50	< 15	80e 100b	—	800/25a 1700/100c	200	Sesc	* $\beta = 100...300$ a $I_c = 150 mA$, $f_r > 60 MHz$.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_{j0} o T_c (°C)	T_{jM} (°C)	Fabbri- cante	Osservazioni
n S PI HF 47	2 N 1893	40...120/150 50 (> 20)/0,1	—	70	13	100e 120b	—	800 25a 3000/25c	200	Fair	$V_{sat} = 0,5$ (> 1,2) V a $I_c = 50$ mA.
n S — C 87	2 N 1899	10...30 10 A	—	> 50	800	100e	10 A	125 W 25c	150	TRW	$V_{CBM} = 140$ V. $t_f + t_s = 2$ μ s.
n S — VH 87	2 N 1900	> 8 10 A	—	> 50	—	100e	10 A	125 W 25c	150	TRW	$V_{CBM} = 140$ V. 10 W uscita a 100 MHz.
n S — C 87	2 N 1901, 2*	20...60 10 A	—	> 50	800	100e	10 A	125 W 25c	150	TRW	* $\beta = 10$. . . 30.
n S — C 87	2 N 1904	20...60 10 A	—	> 50	800	100e	10 A	125 W 25c	150	TRW	$V_{CBM} = 140$ V. - $t_s + t_f = 2,2$ μ s.
p G AD P 75	2 N 1905	50...150 1000	—	> 2	—	50e	6000	30 W 55c	100	RCA	$V_{CBM} = 100$ V.
p G AD P 75	2 N 1906	75...250 1000	—	> 3	—	60e	6000	30 W 55c	100	RCA	$V_{CBM} = 130$ V. - $\beta > 75$ a $I_c = 5$ A.
p G AD HF 84 5	2 N 1907, 8*	30...170 10 A	—	> 20	—	40e	20 A	150 W 25a	100	TI	* $V_{CEM} = 50$ V, $V_{CBM} = 130$ V.
f S Al C 31	2 N 1917, 8*	> 20 1	—	> 2	< 14	8e	50	250 25a	175	Sol	Choppers, $V_{sat} < 1$ e * < 3 mV $I_b = 250$ μ A.
p S Al C 33	2 N 1919, 20*	—	—	> 1	< 14	18e	50	250 25a	175	Sol	Choppers, $V_{sat} < 2$ e * < 3 mV $I_b = 500$ μ A.
p S Al C 35 6	2 N 1921, 2*	—	—	> 1	< 14	50	50	250 25a	175	Sol	Choppers, $V_{sat} < 4$ mV. - * $V_{CM} = 80$ V.
p G Al BF 34	2 N 1924	34...65 20*	—	1,5	< 30	40e	500	225 25a	85	Sesc	$V_{CBM} = 60$ V. - * 45 (> 30)/100.
p G Al BF 34	2 N 1925	53...90 20*	—	1,5	< 30	40e	500	225 25a	85	Sesc	$V_{CBM} = 60$ V. - * 64 (> 47)/100.
p G Al BF 34	2 N 1926	72...121 20*	—	3	< 30	40e	500	225 25c	85	Sesc	$V_{CBM} = 60$ V. - * > 65/100.
n S Me P 85 6	2 N 1936, 7*	10...50 10 A	—	> 18	—	60e	20 A	150 W 25c	175	TI	* $V_{CEM} = 80$ V, $V_{CBM} = 125$ V.
p G Al P 85	2 N 1970	17...40 5000	—	—	—	50e	15 A	140 W 25c	110	Delc	$V_{CBM} = 100$ V: $t_r = 15$ μ s.
n S PI HF 44	2 N 1972	110...350 50	—	50	35	30e	—	600 25a	200	Tran	$V_{CBM} = 60$ V.
n S PI HF 47	2 N 1973, 4*	135 (> 75) 10	15	80	15	80e	—	800 25a	200	Fair	* $\beta = 70$, $f_t = 70$ MHz.
n S PI HF 47	2 N 1975	42 10	15	80	15	80e	—	800 25a	200	Fair	
p G Al P 94	2 N 1980, 1*	50...100 5000	—	> 0,3	—	40e	15 A	170 W 25c	110	Moto	* $V_{CEM} = 40$ V, $V_{CBM} = 70$ V.
p G Al P 95	2 N 1982	50...100 5000	—	> 0,3	—	50e	15 A	170 W 25c	110	Moto	$V_{CBM} = 90$ V.
n S PI HF 43	2 N 1984, 5*	35...100/1	—	40	45	25e	—	600 25a	200	Fair	$V_{CBM} = 50$ V. - * $\beta = 15$. . . 45.
n S Me HF 44	2 N 1986	> 60/30*	—	> 40	< 35	40e	—	600 25a	150	Fair	$V_{CBM} = 50$ V. - * 60. . . 240/150.
n S Me HF 44	2 N 1987	20...80/150	—	> 40	< 35	40e	—	600 25a	150	Fair	$V_{CBM} = 50$ V. - $V_{sat} = 1,5$ V a $I_c = 150$ mA.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_{jo} T_c (°C)	T_{jm} (°C)	Fabbricante	Osservazioni
n S PI HF 45	2 N 1988, 9*	20...80/150	—	40	20	45e	—	600/25a	200	Tran	VCBM = 100 V. - * $\beta = 20...60$ a $I_c = 30$ mA. Com. tubi neon - * 2000/25c. * $P_{DM} = 600$ mW a 25°C amb.
n S PI C 47	2 N 1990	> 20/30	—	—	—	100b	—	600/25a*	150	Fair	
n S PI HF 3/47	2 N 1990 R, S*	> 20/30	—	—	—	100b	—	250/25a	150	Cos	
p S — HC 43	2 N 1991	15...60/150	—	> 40	< 45	20e	—	600/25a	150	Moto	VCBM = 30 V. * $\beta = 70$, $V_{CEM} = 35$ V.
p S AI BF 34	2 N 1997, 8*	40 200/100	—	> 3	< 20	40e	500	250/25a	100	TI	
p G AI C 34	2 N 2000	50...300/500	—	> 2	< 35	30	1000	300/25a	100	TI	
p G AI C 35	2 N 2001	> 60/500	—	> 6	< 35	50	100	300/25a	100	TI	
p S AI C 31	2 N 2002, 3	—	—	> 1	< 20	5e	100	250/25a	175	Crys	VCBM = 30 V. VCBM = 50 V. VCBM = 60 V.
p S AI C 32	2 N 2004, 5	> 12/1	—	> 0,5	—	15e	100	250/25a	175	Crys	
p S AI C 34	2 N 2006, 7	—	—	> 1	—	35e	100	250/25a	175	Crys	
n S D P 85	2 N 2015, 6*	12...60/1000	—	—	< 400	50e	10 A	150 W/25c	200	RCA	* $V_{CEM} = 65$ V, $V_{CBM} = 135$ V.
n S PI BF 45	2 N 2017	35...200/10	—	—	—	60	1000	100/25a	200	Tran	
n S Me P 77/8	2 N 2018, 9*	20...60/500	—	10	—	150	2000	40 W/25c	175	Tran	* $V_{CM} = 200$ V.
n S Me P 77/8	2 N 2020, 1*	40...120/500	—	10	—	150	2000	40 W/25c	175	Tran	* $V_{CM} = 200$ V.
n S PI P 75	2 N 2032	> 20/2000	—	> 3	—	45	—	45 W/100c	175	Tran	VCBM = 45 V. VCBM = 75 V. (□) Id. a 2 N 2038, 9, rispett.
n S PI BF 44	2 N 2038	12...36/200	—	> 2	80	35e	—	600/25a	130	Tran	
n S PI BF 45	2 N 2039	30...90/200	—	> 2	80	60e	—	600/25a	130	Tran	
n S PI BF 44/5	2 N 2040, 1	(□)	—	> 2	80	(□)	—	600/25a	130	Tran	
p G AI BF 35	2 N 2042, 3*	20...50/5	—	> 0,5	—	55e	200	200/25a	100	Moto	
p G — HC 23	2 N 2048	> 50/10	—	250	< 3	20e	100	150/25a	100	Spra	tr < 60 ns. tr < 20 ns.
p G — HC 24	2 N 2048 A	> 40/50	—	> 150	< 3	30e	100	150/25a	100	Spra	
n S PI HF 45	2 N 2049	100...300/150 55 (> 20)/0,01	0,6* 1,4□	86	17	50e 75b	—	800/25a 3000/25c	200	Fair	* $I_c = 0,1$ mA, $f = 10$ kHz. □ $I_c = 0,1$ mA, $f = 1$ kHz.
n S PI DD 36	2 N 2060, A□	50...150/10 25...75/0,01	< 8*	100 > 60	12 < 15	80e 100b	500	500/25a 3000/25c	200	Fair	$\Delta \beta < 10\%$, $\Delta V_{BE} < 5$ mV e < 10 μ V/°C. * $I_c = 0,3$ mA. - □ $C_{cb} < 8$ pF, fabbr. Amel.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_{j0} o T_c (°C)	T_{jM} (°C)	Fabbri- cante	Osservazioni
p G Al P 86	2 N 2075, 6*	25...100/1200□	—	—	—	80	15 A	140 W/25c	110	Moto	□ > 8/12 A. - * $V_{CM} = 70$ V.
p G Al P 85/4	2 N 2077, 8*	25...100/1200□	—	—	—	50	15 A	140 W/25c	110	Moto	□ > 8/12 A. - * $V_{CM} = 40$ V.
p G Al P 86	2 N 2079, 80*	40...160/1200□	—	—	—	80	15 A	140 W/25c	110	Moto	□ > 12/12 A. - * $V_{CM} = 70$ V.
p G Al P 85/4	2 N 2081, 2*	40...160/1200□	—	—	—	50	15 A	140 W/25c	110	Moto	□ > 12/12 A. - * $V_{CM} = 40$ V.
p G Me HC 33/4	2 N 2096, 7*	35/400	—	400	15	25b	500	500/25a	100	Moto	* $\beta = 50$, $V_{CBM} = 40$ V.
p G Me HC 33	2 N 2099	35/400	—	400	15	25b	500	300/25a	100	Moto	$V_{sat} < 0,6$ V a $I_c = 0,2$ A.
p G Me HC 34	2 N 2100	50/400	—	400	15	40b	500	300/25a	100	Moto	$V_{sat} < 0,5$ V a $I_c = 0,2$ A.
n S Me P 84	2 N 2101	15...60/1000	—	—	—	40e	3000	75 W/25c	200	Sol	$V_{CBM} = 60$ V.
n S PI HF 56	2 N 2102	40...120/150	—	60	15	65e	—	5000/25c	200	Tran	$V_{CBM} = 120$ V.
n S PI C 45	2 N 2106, 7*	12...36/200	—	15	—	60	—	1000/25a	150	Tran	* $\beta = 30...90$.
n S — P 95...9	2 N 2109...33	(*)	—	0,2	—	(*)	30 A	250 W/60c	175	Wh	(*) Id. a 2 N 1809...33, rispetta.
p G Al P 84...6	2 N 2137 à 2 N 2146	30...60/500* 50...100/500□	—	> 0,6	—	(*)	3000	63 W/25c	100	Moto	* N. dispari - □ N. pari. - (▲) 2 N 2137, 42: 30 V. - 38, 43: 45 V. - 39, 44: 60 V. - 40, 45: 75 V. - 41, 46: 90 V.
p G AD P 65	2 N 2147	100...150/1000	—	4	—	50e	5000	12 W/81c	100	RCA	$V_{CBM} = 75$ V.
p G AD P 64	2 N 2148	40...80/1000	—	4	—	40e	5000	12 W/81c	100	RCA	$V_{CBM} = 60$ V.
n S PI P 76	2 N 2150, 1*	> 20/100	—	> 10	—	80e	2000	30 W/100c	200	Tran	$V_{CBM} = 125$ V. - * $\beta > 40$.
p G Al P 95	2 N 2152, 3*	50...100/5000	—	> 0,3	—	45	30 A	170 W/25c	110	Moto	* $V_{CM} = 60$ V.
p G Al P 96	2 N 2154	50...100/5000	—	> 0,3	—	75	30 A	170 W/25c	110	Moto	
p G Al P 95	2 N 2156, 7*	80...160/5000	—	> 0,3	—	45	30 A	170 W/25c	110	Moto	* $V_{CM} = 60$ V.
p G Al P 96	2 N 2158	80...160/5000	—	> 0,3	—	75	30 A	170 W/25c	110	Moto	
p S Al C 23/2	2 N 2162, 3*	35/1	—	> 14	< 10	30	—	150/25a	140	Crys	* $V_{CM} = 15$ V.
p S Al HF 21	2 N 2164	40/1	—	> 24	< 10	8e	—	150/25a	140	Crys	$V_{CBM} = 12$ V.
p S Al BF 23/2	2 N 2165, 6*	25/1	—	> 10	< 10	30	—	150/25a	140	Crys	* $V_{CM} = 12$ V.
p S Al HF 21	2 N 2167	38/1	—	> 16	< 10	8e	—	150/25a	140	Crys	$V_{CBM} = 12$ V.
p G — HC 23	2 N 2168	> 50/10	—	450	< 2,5	20	100	60/25a	100	Spra	$tr < 18$ ns.
p G — HC 22	2 N 2169, 70*	> 40/10	—	450	< 2,5	15	100	60/25a	100	Spra	* $\beta > 20$, $f_r = 350$ MHz, $tr < 20$ ns.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I_c (mA)	F_L (dB)	f_t (MHz)	C_{ob} (pF)	V_{CE} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_A o T ($^{\circ}$ C)	T_{JM} ($^{\circ}$ C)	Fabbri- cante	Osservazioni
p G Al C 33	2 N 2171	110...250/20	—	7,5	—	25e	400	225/25a	100	Moto	$V_{CBM} = 50$ V.
p S Pl BF 21 p S Pl BF 21	2 N 2175, 6 2 N 2777, 8*	$> 30/0,02$ $> 70/0,05$	—	—	7 7	f f	50 50	100/25a 100/25a	175 160	Sol Sol	* $\beta > 70$ a $I_c = 5$ μ A.
p S PE C 24	2 N 2185, 7*	—	—	—	6	30	50	150/25a	140	Crys	* Fornito in coppie adatte.
p G Me VH 24 p G Me VH 24	2 N 2188, 9* 2 N 2190, 1*	$> 40/2$ $> 40/2$	— —	125 125	— —	20e 25e	30 30	125/25a 125/25a	75 75	TI TI	$V_{CBM} = 40$ V. - * $\beta > 60$, $f_t = 150$ MHz. $V_{CBM} = 60$ V. - * $\beta > 60$, $f_t = 150$ MHz.
n S PE HC 44	2 N 2192, A*	100 300/150 $> 15/0,1$	—	> 50	< 20	40e 60b	1000	800/25a 1600/100c	200	Sesc	* $V_{sat} = 0,16$ ($< 0,25$) V a $I_c = 150$ mA.
n S PE HC 44	2 N 2192 B	100 300/150	—	> 50	< 20	40e	1000	800/25a	200	Moto	$V_{CBM} = 60$ V.
n S PE HC 45	2 N 2193, A*, B	40 120/150 $> 15/0,1$	—	> 50	< 20	50e 80b	1000	800/25a 1600/100c	200	Sesc	* $V_{sat} = 0,16$ ($< 0,25$) V a $I_c = 150$ mA. Tipo B: fabbr.: Moto.
n S PE HC 43	2 N 2194, A*, B	20 60/150 $> 12/500$	—	> 50	< 20	40e 60b	1000	800/25a 1600/100c	200	Sesc	* $V_{sat} = 0,16$ ($< 0,25$) V a $I_c = 150$ mA. Tipo B: fabbr.: Moto.
n S PE HC 43	2 N 2195, A*, B	$> 20/150$	—	> 50	< 20	25e	1000	600/25a□	200	Sesc	$V_{CBM} = 45$ V. - * $V_{sat} = 0,16$ V. □ 1600/100c.
n S Me P 65 n S Me P 65 n S Me P 67	2 N 2196 2 N 2197 2 N 2201	30 90/200* 75 200/200* 30 90/10	— — —	15 15 15	50 50 —	60e 60e 100e	— — —	2000/25a□ 2000/25a□ 10 W/25c	175 175 175	Sesc Sesc GE	$V_{CBM} = 80$ V. - * $> 10/1000$. □ 10 W/100c. $V_{CBM} = 80$ V. - * $> 20/1000$. □ 10 W/100c. $V_{CBM} = 120$ V.
n S PE C 33	2 N 2205, 6*	$> 20/10$	—	> 200	< 6	20e	200	300/25a□	175	Fair	$V_{CBM} = 25$ V. - □ 1000/25c. - * $\beta = 40$120.
p G Al P 87 p G AD P 86	2 N 2210 2 N 2212	25...50/5000 50...120/5000	— —	— —	— —	100b 70e	15 A 10 A	75 W/25c 60 W/25c	100 110	Moto Moto	$\beta > 10$ a $I_c = 15$ A. $V_{CBM} = 120$ V.
n S PE HC 44 n S PE HC 44	2 N 2217 2 N 2218	20...60/150 40...120/150*	— —	> 250 > 250	4 < 8	30e 30e	— 500	800/25a 800/25a□	175 175	Moto Moto	$V_{CBM} = 60$ V. * $> 20/0,1$. - □ 3000/25c. - $V_{CBM} = 60$ V.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_{j0} T (°C)	T_{jm} (°C)	Fabbri- cante	Osservazioni
n S PE HC 44	2 N 2218 A	40 120 150 > 20 0,1 500	< 4	350 > 250	5 < 8	40e 75b	—	800 25a 3000 25c	175	Moto	$V_{sat} = 0,15$ (< 0,3) V a $I_c = 150$ mA.
n S PE HC 44	2 N 2219	100 ... 300 150*	—	> 250	< 8	30e	500	800 25a □	175	Moto	* > 35/0,1. - □ 3000/25c. - $V_{CBM} = 60$ V.
n S PE HC 44	2 N 2219 A	100 ... 300 150 > 35 0,1 ... 500	< 4	400 > 300	5 < 8	40e 75b	—	800 25a 3000 25c	175	Moto	$V_{sat} = 0,15$ (< 0,3) V a $I_c = 150$ mA.
n S PE HC 34	2 N 2221	40 ... 120 150*	—	> 250	< 8	30e	500	500 25a □	175	Moto	* > 20/0,1. - □ 1800/25c. - $V_{CBM} = 60$ V.
n S PE HC 34	2 N 2221 A	40 ... 120 150 > 20 0,1 ... 500	< 4	350 > 250	5 < 8	40e 75b	—	500 25a 1800 25c	175	Moto	$V_{sat} = 0,5$ (< 0,3) V a $I_c =$ 150 mA.
n S PE HC 34	2 N 2222	100 ... 300 150*	—	> 250	< 8	30e	500	500 25a □	175	Moto	* > 35/0,1. - □ 1800/25c. - $V_{CBM} = 60$ V.
n S PE HC 34	2 N 2222 A	100 ... 300 150 > 35 0,1 ... 500	< 4	400 > 300	5 < 8	40e 75b	—	500 25a 1800 25c	175	Moto	$V_{sat} = 0,15$ (< 0,3) V a $I_c = 150$ mA.
n S PI DD 45	2 N 2223, A*	> 15 0,01 25 ... 150 01	—	> 50	< 15	60	—	600 25a 3000 25c	200	Moto	$\Delta \beta = 20$ e * 10 %. $\Delta V_{BE} = 15$ e * 5 mV.
n S — P 85 7	2 N 2226, 7*	> 100 10 A	—	0,5	—	50e	10 A	150 W 75c	150	Wh	* $V_{CEM} = 100$ V.
n S — P 87 8	2 N 2228, 9*	> 100 10 A	—	0,5	—	150e	10 A	150 W 75c	150	Wh	* $V_{CEM} = 200$ V.
n S — P 85 7	2 N 2230, 1*	> 400 10 A	—	0,5	—	50e	10 A	150 W 75c	150	Wh	* $V_{CEM} = 100$ V.
n S — P 87 8	2 N 2232, 3*	> 400 10 A	—	0,5	—	150e	10 A	150 W 75c	150	Wh	* $V_{CEM} = 200$ V.
n S Me P 65	2 N 2239	30 ... 200 200	—	2,5	—	50e	500	10 W 25c*	175	TI	* 1000/25a.
n S PE HC 46	2 N 2243, A*	40 ... 120 150	—	130	< 15	80e	1000	800 25a	200	TI	$V_{sat} = 0,35$ e * 0,25 V a $I_c = 150$ mA.
n S Me HC 31	2 N 2256, 7*	30 10	—	320	4	7	100	300 25a	175	Moto	* $\beta = 50$.
p G Me HC 21	2 N 2258, 9*	30 10	—	320	4	7	100	150 25a	100	Moto	* $\beta = 50$.
n S PI HF 55	2 N 2270	50 ... 200 150	—	100	15	45e	—	5000 25c	200	Tran	$V_{CBM} = 60$ V.
p G Me HF 22	2 N 2273	20 ... 150 1	12*	360	< 3,5	15e	100	150 25a	100	Moto	$V_{CBM} = 25$ V. - * A 10 MHz. GP = 30 dB.
p S Al BF 23	2 N 2274, 5*	> 10 5	—	> 6	< 16	25	50	150 25a	140	Crys	* Fornito in coppie.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_j o T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
p S Al BF 22	2 N 2276, 7*	> 10/5	—	> 6	< 16	10e	50	150/25a	140	Crys	V _{CBM} = 15 V. - * Fornito in coppia.
p S Al BF 22	2 N 2278, 9*	> 10/5	—	> 7,6	< 16	15	50	150/25a	140	Crys	* Fornito in coppia.
p S PE C 21	2 N 2280, 1*	—	—	—	7	6e	50	150/25a	140	Crys	* Fornito in coppia.
p G AD P 54/5	2 N 2282, 3*	30...90/500	—	2,5	—	30e	3000	5000/25c	110	Sol	* V _{CEM} = 60 V, V _{CBM} = 100 V.
p G AD P 57	2 N 2284	30...90/500	—	2,5	—	100e	3000	5000/25c	110	Sol	V _{CBM} = 200 V.
p G AD P 84/5	2 N 2285, 6*	> 20/25 A	—	0,6	—	30e	25 A	100 W/25c	110	Sol	* V _{CEM} = 60 V, V _{CBM} = 100 V.
p G AD P 86	2 N 2287	> 20/25 A	—	0,6	—	80e	25 A	100 W/25c	110	Sol	V _{CBM} = 120 V.
p G AD P 84/6	2 N 2288, 9*	20...60/5000	—	1,5	—	40	10 A	60 W/25c	110	Sol	V _{CM} = 80 V.
p G AD P 87	2 N 2290	20...60/5000	—	1,5	—	120	10 A	60 W/25c	110	Sol	V _{sat} < 0,5 V a I _c = 5 A.
p G AD P 84...7	2 N 2291...3	50...120/5000	—	1,5	—	(*)	10 A	60 W/25c	110	Sol	(*) Vedi 2 N 2288...90, rispett.
p G AD P 84...7	2 N 2294...6	50...120/5000	—	1,5	—	(*)	10 A	60 W/25c	110	Sol	(*) Vedi 2 N 2288...90, rispett.
n S PE HF 44	2 N 2297	40...120/150	—	90	8	35e	1000	800/25a*	200	Fair	* 5000/25 c. - GP = 16 dB a 30 MHz.
p S — HC 44	2 N 2303	75...200/150	—	> 60	< 45	35e	—	600/25a	175	Moto	V _{CBM} = 50 V.
n S — P 84	2 N 2305	15...60/800 > 10/2500	—	1	200	40e 60b	6000	85 W/25c 45 W/100c	200	Sol	Similare a 2 N 1487.
p S PI C 22	2 N 2332, 3*	—	—	1	7	15	100	150/25a	200	Crys	Choppers, R _{sat} < 30 e * < 50 Ω
p S PI C 24	2 N 2334, 5*	—	—	1	7	30	100	150/25a	200	Crys	Choppers, R _{sat} < 30 e * < 40 Ω
p S PI C 25	2 N 2336, 7*	—	—	1	7	50	100	150/25a	200	Crys	Choppers, R _{sat} < 40 e * < 50 Ω
n S D C 85	2 N 2338	15...60/3000	—	—	< 600	60	7500	150 W/25c	200	RCA	ts + tf = 7 μs.
n S PE HC 33/4	2 N 2350...3	(*)	—	(*)	(*)	(*)	(*)	400/25a	200	TRW	(*) Id. a 2 N 2192, A...95, A, rispettivamente.
n S PE C 31	2 N 2356, A*	—	—	50	< 20	7e	—	300/25a	200	GE	Chopp. doppi. Δ V _{off} < 100 e * < 50 μV.
p G Al P 95	2 N 2357	> 15/50 A	—	—	—	60	50 A	170 W/25c	110	Sol	V _{sat} < 0,9 V a I _c = 50 A.
p G Al P 97	2 N 2358, 9*	> 15/50 A	—	—	—	100	50 A	170 W/25c	110	Sol	* V _{CM} = 120 V.
p G MA VH 23	2 N 2360...2	33/1	(*)	—	—	20	50	60/25a	125	Spra	(*) Ident. a 2 N 1742...4, resp.
n S PE HC 34	2 N 2368	20...60/10*	—	550	2,5	40	100	360/25a	200	Fair	* > 10/100. - □ 1200/25c. - tr = 9 ns.
n S PE HC 34	2 N 2369, A*	40...120/10 > 20/100	—	650	2,5	40	100	360/25a 1200/25c	200	Fair	tr = 9 ns; - * V _{sat} = 0,25 V a I _c = 30 mA.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_o T (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
p S Al BF 32	2 N 2370, 1*	> 15/0,03	< 8	> 2	< 15	15	50	200/25a	200	Crys	* $\beta > 20$.
p S Al BF 22	2 N 2372, 3*	> 15/0,03	< 8	> 2	< 15	15	50	150/25a	200	Crys	* $\beta > 20$.
p S — C 23 2	2 N 2377, 8*	15 120/1	—	20	< 12	15	50	150/25a	140	Spra	* $V_{CM} = 10$ V, $\beta > 15$ a $I_c = 15$ mA.
p G Me HC 32 3	2 N 2381, 2*	45/200	—	400	6	15e	500	300 25a	100	Moto	* $V_{CEM} = 20$ V, $V_{CBM} = 45$ V.
n S Pl BF 33	2 N 2387	> 60/0,5*	4	30	8	45	—	300 25a□	175	TI	* 120 (> 40)/0,01. - □ 600/25c
n S Pl BF 33	2 N 2388	> 150/0,5*	3	30	8	45	—	300/25a□	175	TI	* 300 (> 100)/0,01. - □ 600/25c
p G MA VH 23	2 N 2398, 9*	33/1	4,5	—	—	20	50	60/25a	125	Spra	Amplif. e * conv. 200 MHz, * $F_b < 9$ dB.
p G — HC 22	2 N 2400	> 30/10	—	150	< 4	12	100	150/25a	100	Spra	
p G — HC 22	2 N 2401, 2*	> 50/10	—	200	< 4	15	100	150/25a	100	Spra	* $\beta > 60$, $f_t = 250$ MHz.
n S Pl HF 47	2 N 2405	60 200/150	< 6	> 120	< 15	140	1000	1000/25a*	200	RCA	* 5000/25c.
n S PE HC 44	2 N 2410	30 120/10 25 100/500	—	> 200	< 11	40e 60b	800	800/25a 2500/25c	200	Fair	$t_s = 40$ ns, $V_{sat} < 0,45$ V a $I_c = 150$ mA.
p S PE HF 33	2 N 2411, 2*	40 120/10	—	> 140	3,7	20e	100	300/25a	200	TI	$V_{CBM} = 25$ V.
p G Me VH 22	2 N 2415	10 200/2	2,4*	500	< 2	20e	20	75/25a	100	Moto	* A 200 MHz. - GP = 14 dB a 500 MHz.
p G Me VH 22	2 N 2416	8 200/2	3,4*	400	< 2	20e	20	75/25a	100	Moto	* A 200 MHz. - GP = 12,5 dB a 500 MHz.
p S PE C 31	2 N 2424	30 200/5*	—	> 15	< 14	5e	50	375/25a	160	Crys	$V_{CBM} = 40$ V. - * > 25/25.
p S PE C 32	2 N 2425	25 110/5	—	> 10	< 14	10e	50	375 25a	160	Crys	$V_{CBM} = 50$ V, $V_{EBM} = 30$ V.
n S Pl BF 34	2 N 2427	20 60/0,01	—	50	8	40	—	500/25a	200	Tran	
n S PE C 34	2 N 2432	> 30/0,1	—	> 20	12	30	100	300 25a	175	TI	Chopper.
n S Pl HF 47	2 N 2443	50 150/50 55 (> 20)/0,01	5*	80	12	100e 120b	—	800 25a 4000 25c	200	Fair	* $I_c = 0,3$ mA, $f = 1$ kHz, $R_a = 510 \Omega$.
p G Al P 85	2 N 2445	30 60/10 A	—	—	—	50e	15 A	90 W/25c	100	Sol	$V_{CBM} = 100$ V.
n S Pl DD 34 5	2 N 2453, A*	> 80/0,01 150 600/1	< 7	> 6	< 8	30e 60b	—	300 25a 700/100c	200	Amel	$\Delta \beta < 10\%$, $\Delta V_{BE} < 5$ mV. * $F_b < 4$ dB, $C_{cb} < 4$ pF, $V_{CEM} = 50$ V.
n S Pl HF 35	2 N 2459, 60*	40 80/5	—	180	< 5	60e	—	400 25a	200	Sol	$V_{CBM} = 100$ V. - * $\beta = 70 \dots 130$.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente a I_c (mA)	F_{L_1} (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a $T_{a o}$ T_c ($^{\circ}C$)	T_{jm} ($^{\circ}C$)	Fabbri- cante	Osservazioni
n S PI HF 35	2 N 2461, 2*	120 ... 180 5	—	230	< 5	60e	—	400 25a	200	Sol	* $\beta = 170$ 230.
n S PI HF 35	2 N 2464, 5*	70 ... 130 5	—	210	< 5	60e	—	500 25a	200	Sol	* $\beta = 120$ 180.
n S PI HF 35	2 N 2466	170 ... 230 5	—	250	< 5	60e	—	500 25a	200	Sol	$V_{CBM} = 100$ V.
p G AD P 55 7	2 N 2467, 8*	30 ... 90 500	—	—	—	60	3000	5000 25c	110	Sol	$f_b = 20$ kHz. - * $V_{CM} = 100$ V
p G AD P 58	2 N 2469	30 ... 90/500	—	—	—	200	3000	5000 25c	110	Sol	$f_b = 20$ kHz.
p S PE C 34	2 N 2474	15 1	—	0,5	—	30	50	250/25a	160	Crys	Bilaterale.
n S PE HC 31	2 N 2475	30 ... 150 20 ... 20/1 ... 50	—	800 > 600	2,4 < 3	6e 15b	—	300/25a 500/100c	200	RCA	$t_s + t_f = 9$ (< 15) ns a $I_c = 20$ mA.
n S PE HC 43	2 N 2476, 7*	... 20/150	—	> 250	< 10	20e	—	600 25a□	200	RCA	$V_{CBM} = 60$ V. - □ 2000/25c. * $\beta > 40$.
n S PI DD 34	2 N 2480, A*	60 ... 220/20 33 ... 110/1	8	> 50	< 20	40e 75b	—	300/25a 570/100c	200	GE	$\Delta \beta < 20\%$, $\Delta V_{BE} < 10$ mV. * $C_{cb} < 18$ pF. $V_{CBM} = 80$ V
n S PE HC 32	2 N 2481	40 ... 120 10	—	> 300	< 5	15e	—	360/25a	200	Moto	$V_{CBM} = 40$ V.
n S PI HF 35	2 N 2483, 4*	280 (< 500)/10 200 (> 100)/0,5 40 ... 120/0,01	1,9□ 4*	60	3,5	60	—	360/25a 680/100c 1200/25c	200	Fair	* 430 (< 800) a $I_c = 10$ mA 200 (> 30) a $I_c = 1$ μ A. □ $I_c = 10$ μ A. 10 Hz a 10 kHz. - ▲ A 100 Hz.
p G — HC 22	2 N 2487, 8*	> 20/10	—	> 360	< 3	15	100	60 25a	100	Spra	* $\beta > 20$ a $I_c = 50$ mA.
p G — HC 23	2 N 2489	> 20/10	—	> 300	< 3	20	100	60 25a	100	Spra	
p G AI P 85	2 N 2490	20 ... 40/5000	—	—	—	60e	15 A	125 W 25c	100	Delc	$V_{CBM} = 70$ V.
p G AI P 85	2 N 2491	35 ... 70/5000	—	—	—	50e	15 A	125 W 25c	100	Delc	$V_{CBM} = 60$ V.
p G AI P 86	2 N 2492, 3	25 ... 50/5000	—	—	—	70e	15 A	125 W 25c	100	Delc	* $V_{CEM} = 85$ V, $V_{CBM} = 100$ V
n S PE HC 34	2 N 2501	50 ... 150/10	—	> 350	2,8	40b	—	360 25a	200	Moto	
n S PI HF 36	2 N 2509	> 25/0,01*	7	45	6	80e	200	360 25a□	200	Tran	* > 40/10. - □ 680/100c.
n S PI HF 36	2 N 2510	> 75/0,01*	4	45	6	65e	200	360 25a□	200	Tran	* 150. ... 500/10. - □ 680/100c.
n S PI BF 35	2 N 2511	> 80/1 μ A 240 ... 750/10	4	45	6	50e 80b	200	360/25a 680/100c	200	Tran	$\beta > 120$ a $I_c = 10$ μ A.
n S PI HF 35	2 N 2515, 6*	40 ... 100/5	—	180	< 6	60e	—	400/25a	200	Sol	$V_{CBM} = 80$ V. - * $\beta = 80$...200.
n S PI HF 36	2 N 2518, 9*	40 ... 100/5	—	175	< 6	80e	—	400/25a	200	Sol	$V_{CBM} = 125$ V. - * $\beta = 80$...200.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_C (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c (°C)	T_{jM} (°C)	Fabbri- cante	Osservazioni
n S PI HF 35 n S PI BF 35	2 N 2521, 2* 2 N 2523, 4*	36...90 1 40...120 0,01	— < 4	180 > 45	< 6 < 6	60 45e	—	400/25a 400/25a	200 200	Sol Sol	* $\beta = 76...333$. $V_{CBM} = 60 V$. - * $\beta = 100...300$.
n S PI VH 77	2 N 2525	> 10 350	—	—	—	100	1000	25 W/25a	200	TRW	5 W uscita a 70 MHz, GP = 10 dB.
p G AI P 86/7 p G AI P 88	2 N 2526, 7* 2 N 2528	20...50/3000 20...50 3000	— —	> 0,7 > 0,7	— —	80 160	10 A 10 A	85 W/25c 85 W/25c	110 110	Moto Moto	* $V_{CM} = 120 V$.
n S PE HC 45 n S PE HC 35	2 N 2537, 8* 2 N 2539, 40*	50...150/150 50...150 150	— —	> 250 > 250	4 4	60b 60b	— —	800/25a 500/25a	200 200	Moto Moto	* $\beta = 100...300$. * $\beta = 100...300$.
p G AI P 74...7	2 N 2552...67	20...60 1000	—	—	—	(*)	3000	20 W/25a	100	TI	(*) Id. a 2 N 1038...45, rispet.
n S PE C 32 n S D P 89 n S D P 89	2 N 2569, 70* 2 N 2580, 1* 2 N 2582, 3*	50 100 10...40 5000 10...40 5000	— — —	> 100 — —	< 10 — —	15e 325e 325e	500 10 A 10 A	300/25a 70 W/100c 70 W/100c	200 150 150	RTC Delc Delc	$V_{off} < 250 e$ * $< 500 \mu V$. $V_{CBM} = 400 V$. - * $\beta = 25...65$. $V_{CBM} = 500 V$. - * $\beta = 25...65$.
n S PI BF 35	2 N 2586	> 80 1 μA	2	> 45	6	45e	30	300/25a	175	TI	$V_{CBM} = 60 V$.
p S PI HF 35	2 N 2590, 1*	40...80 5	—	75	< 5	60e	—	400/25a	200	Sol	* $\beta = 70...135$, $f_t = 100 MHz$.
n S PI HF 56	2 N 2594	50...150/100	—	40	20	80	—	5000/25c	200	Tran	
p S PI HF 35 p S PI HF 36/7 p S PI HF 36,7 p S PI HF 35 p S PI HF 35	2 N 2596, 7* 2 N 2599, A* 2 N 2600, A* 2 N 2601, 2* 2 N 2603	40...100/5 40...100/5 80...200/5 18...90/1 76...333/1	— — — — —	90 90 120 60 120	< 6 < 6 < 6 < 6 < 6	60e 80e 80e 60 60	— — — — —	400/25a 400/25a 400/25a 400/25a 400/25a	200 200 200 200 200	Sol Sol Sol Sol Sol	* $\beta = 80...200$, $f_t = 120 MHz$. $V_{CBM} = 125 V$. - * $V_{CEM} = 100 V$. $V_{CBM} = 125 V$. - * $V_{CEM} = 100 V$. * $\beta = 36...90$, $f_t = 90 MHz$.
p S PE BF 35	2 N 2604, 5*	40...120/0,01	4	> 30	—	45e	30	400/25a	200	TI	* $\beta = 100...300$, $F_b = 3 dB$.
p G AI P 86	2 N 2612	85...250/10 A	—	—	—	65	15 A	90 W/25c	100	Sol	$V_{sat} < 1 V$ a $I_c = 10 A$.
p G AI BF 23 p G AI BF 24	2 N 2613 2 N 2614	250/2 160 (> 100)/1	2,5* —	— > 4	— 9	25e 35e	50 50	120/25a 120/25a	100 100	RCA RCA	$V_{CBM} = 30 V$. - * $I_c = 0,5 mA$. $V_{CBM} = 40 V$.
n S PE VH 32	2 N 2616	50 (> 20)/3	< 6*	900	2,4	15e	50	300/25a	200	Fair	* A 60 MHz. - GP = 18 dB a 200 MHz.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DAI} (mW) / a $T_{h o}$ T_c ("C)	T_{JM} ("C)	Fabbri- cante	Osservazioni
n S PI VH 65	2 N 2631	—	—	200	—	60e	1500	8750/25c	200	RCA	$V_{CBM} = 80$ V, 3 W uscita a 150 MHz.
p G Me HC 22	2 N 2635	> 30/100	—	> 150	< 5	12e	100	150/25a	100	Moto	$V_{CBM} = 30$ V.
p G AD P 87	2 N 2636 8	> 20/25 A	—	—	—	100	25 A	100 W/25c	100	Sol	$f_b = 10$ kHz.
n S PI DD 45	2 N 2639, 40*	50 300/0,01	< 4	> 80	< 8	45e	30	600/25a	200	TI	$\Delta \beta < 10$ e * < 20 %, ΔV_{BE} < 5 e * < 10 mV.
n S PI DD 45	2 N 2641	50 300/0,01	< 4	250	< 8	45	30	600/25a	200	TI	
n S PI DD 45	2 N 2642, 3*	100 300/0,01	—	> 80	—	45e	30	600/25a	200	TI	$\Delta \beta < 10$ e * < 20 %, ΔV_{BE} < 5 e * < 10 mV. $\beta > 110$ a $I_c = 0,1$ mA.
n S PI DD 45	2 N 2644	100 300/0,01	—	> 80	—	45e	30	600 25a	200	TI	
n S PI BF 35	2 N 2645	100 300/150 55 (> 20)/0,1	0,6* 1,4□	86	17	50e 75b	—	800/25a 3000 25c	200	Fair	* $I_c = 0,1$ mA, $f = 10$ kHz, $R_a = 2$ k Ω . □ $I_c = 0,1$ mA, $f = 1$ kHz, $R_a = 2$ k Ω .
n S PI VH 32	2 N 2656	40 ... 160/100	8*	—	3	15e	200	360 25a	200	TRW	$V_{CBM} = 25$ V. - * A 100 MHz, GP = 13 dB. * $V_{CEM} = 80$ V, $V_{CBM} = 100$ V.
n S PI HF 55 6	2 N 2657, 8*	40 ... 120/1000	—	—	—	60e	5000	4000 25c	165	Sol	
p G AI P 65	2 N 2659	30 ... 90/500	—	—	—	50b	3000	15 W/25c	100	TI	Ident. a 2 N 2662, 2665, 2668.
p G AI P 66	2 N 2660, 1*	30 ... 90/500	—	—	—	70b	3000	15 W/25c	100	TI	* $V_{CBM} = 90$ V.
p G AI P 65	2 N 2662	30 ... 90/500	—	—	—	50b	3000	15 W/25c	100	TI	Ident. a 2 N 2659, 2665, 2668.
p G AI P 66	2 N 2663, 4*	30 ... 90/500	—	—	—	70b	3000	15 W/25c	100	TI	* $V_{CBM} = 90$ V.
p G AI P 65	2 N 2665	30 ... 90/500	—	—	—	50b	3000	15 W/25c	100	TI	Ident. a 2 N 2659, 2662, 2668.
p G AI P 66	2 N 2666, 7*	30 ... 90/500	—	—	—	70b	3000	15 W/25c	100	TI	* $V_{CBM} = 90$ V.
p G AI P 65	2 N 2668	30 ... 90/500	—	—	—	50b	3000	15 W/25c	100	TI	Ident. a 2 N 2659, 2662, 2665.
p G AI P 66	2 N 2669, 70*	30 ... 90/500	—	—	—	70b	3000	15 W/25c	100	TI	* $V_{CBM} = 90$ V.
p G AD P 87	2 N 2691	30 ... 100/20 A	—	—	—	100	50 A	100 W/25c	110	Sol	$V_{sat} < 0,65$ V a $I_c = 20$ A.
p G AD P 97	2 N 2691 A	50 ... 120/20 A	—	—	—	120	50 A	170 W/25c	110	Sol	$V_{sat} < 0,65$ V a $I_c = 20$ A.
p S PE HF 33	2 N 2695	30 ... 130/50*	—	> 100	< 20	25	500	360/25a□	200	Fair	* > 20/300. - □ 2000/25c.
p S PE HF 33	2 N 2696	30 ... 130/50*	—	> 200	< 20	25	500	360/25a	200	Fair	* > 20/300. - □ 1200/25c.
n S PE VH 33	2 N 2708	30 ... 200/2	< 9*	> 700	< 1,5	20e	—	200/25a	200	RCA	$V_{CBM} = 35$ V. - * A 200 MHz, GP > 15 dB.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{ce} (V)	I_{cm} (mA)	P_{DAM} (mW) / a T_2 o T_c (°C)	T_{jm} (°C)	Fabbri- cante	Osservazioni
n S PE HC 33	2 N 2713	30...90/2*	—	—	—	18	200	200/25a	150	Sesc	* 70/100. - $t_s = 85$ ns.
n S PE HC 33	2 N 2714	75...225/2*	—	—	—	18	200	200/25a	150	Sesc	* 120/100. - $t_s = 85$ ns.
n S PI DD 45	2 N 2722	50...250/1 μ A	—	—	—	45	—	600/25a	200	Sol	$\Delta \beta < 10\%$, $\Delta V_{BE} < 5$ mV.
n S PI DA 35	2 N 2723, 4*	2...10 $10^3/10$	—	150	< 10	60e	—	500/25a	200	Sol	$V_{CBM} = 80$ V. - * $\beta = 7000$
n S PI DA 35	2 N 2725	2...10 $10^3/0,1$	—	200	< 10	45	—	500/25a	200	Sol	50 000.
n S Me BF 48	2 N 2726, 7*	30...90/200	—	> 15	—	200	500	1000/25a□	200	GE	□ 5000/25c. - * $\beta = 75$150.
n S — P 95 7	2 N 2739, 40*	> 10 10 A	—	0,2	—	50e	20 A	200 W/75c	175	Wh	$R_{sat} < 0,15 \Omega$. - * $V_{CEM} = 100$ V.
n S — P 97 8	2 N 2741, 2*	> 10 10 A	—	0,2	—	150e	20 A	200 W 75c	175	Wh	$R_{sat} < 0,15 \Omega$. - * $V_{CEM} = 200$ V.
n S — P 95...8	2 N 2745...8	> 10 15 A	—	0,2	—	(*)	20 A	200 W 75c	175	Wh	$R_{sat} < 0,1 \Omega$. - (*) Vedi 2 N 3739...42.
n S — P 95...8	2 N 2751...4	> 10/20 A	—	0,2	—	(*)	20 A	200 W 75c	175	Wh	$R_{sat} < 75$ m Ω . - (*) Vedi 2 N 3739...42.
n S — P 95	2 N 2757	> 10 10 A	—	0,2	—	50e	30 A	200 W 75c	175	Wh	$R_{sat} < 0,15 \Omega$.
n S — P 97	2 N 2758, 9*	> 10/10 A	—	0,2	—	100e	30 A	200 W 75c	175	Wh	$R_{sat} < 0,15 \Omega$. - * $V_{CEM} = 150$ V.
n S — P 98	2 N 2760, 1*	> 10/10 A	—	0,2	—	200e	30 A	200 W 75c	175	Wh	$R_{sat} < 0,15 \Omega$. - * $V_{CEM} = 250$ V.
n S — P 95...8	2 N 2763...6	> 10/15 A	—	0,2	—	(*)	30 A	200 W 75c	175	Wh	$R_{sat} < 0,1 \Omega$. - (*) Vedi 2 N 2757...60.
n S — P 95...8	2 N 2769...72	> 10/20 A	—	0,2	—	(*)	30 A	200 W 75c	175	Wh	$R_{sat} < 75$ m Ω . - (*) Vedi 2 N 2757...60.
n S PI VH 66	2 N 2781	7,5...75 350	—	> 140	—	75	2000	15 W 25a	175	TRW	3 W uscita a 125 MHz, GP = 5 dB.
n S PI VH 67	2 N 2782, 3	7,5...75 350	—	> 140	—	100	2000	15 W 25a	175	TRW	3 W uscita a 125 MHz, GP = 5 dB.
n S PE HC 31	2 N 2784	40...120/10	—	> 1000	< 3	6e□	—	300 25a^	200	Tran	$t_s < 5$ ns. - * > 20/30. - □ 15b. - ▲ 500/100c.
n S PI DA 34	2 N 2785	2...20 $\times 10^3/100$ > 600/1	—	—	< 35	40e 60b	—	500 25a 1000 100c	200	GE	$V_{sat} < 1$ V a $I_c = 15$ mA.
n S PE HC 44	2 N 2787, 8*	20...60 150	—	> 250	8	35e	800	800 25a	200	GI	$V_{CBM} = 75$ V. - * $\beta = 40$...120.
n S PE HC 44	2 N 2789	100...300 150	—	> 250	8	35e	800	800 25a	200	GI	$V_{CBM} = 75$ V. - $\beta > 30$ a
n S PE HC 34	2 N 2790, 1*	20...60 150	—	> 250	8	35e	800	500/25a	200	GI	$I_c = 0,5$ mA.
n S PE HC 34	2 N 2792	100...300/150	—	> 250	8	35e	800	500/25a	200	GI	$V_{CBM} = 75$ V. - * $\beta = 40$...120.
											$V_{CBM} = 75$ V. - $\beta > 30$ a $I_c = 0,5$ mA.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CEM} (V)	I_{CEM} (mA)	$P_{D/M}$ (mW) a T_{j0} T (°C)	T_{jM} (°C)	Fabbri- cante	Osservazioni
p G — HC 23	2 N 2795, 6*	50/10	—	> 300	< 4	25	100	75/25a	100	Spra	* $\beta > 30$, $V_{CEM} = 20$ V.
p S PE HC 44	2 N 2800, 1*	30 90/150	—	> 120	25	35e	—	800/25a	200	Moto	$V_{CBM} = 50$ V. - * $\beta = 75...225$.
p S PI DD 43	2 N 2802	20 120/0,01	—	> 60	—	20e	30	500/25a	200	TI	$\Delta \beta < 10\%$, $\Delta V_{BE} < 5$ mV.
p D PI DD 43	2 N 2803*, 4	20 120/0,01	—	> 60	—	20e	30	500/25a	200	TI	* $\Delta \beta < 20\%$, $\Delta V_{BE} < 10$ mV.
n S PI DD 43	2 N 2805	40 120/0,01	—	> 60	—	20e	30	500/25a	200	TI	$\Delta \beta < 10\%$, $\Delta V_{BE} < 5$ mV.
n S PI DD 43	2 N 2806*, 7	40 120/0,01	—	> 60	—	20e	30	500/25a	200	TI	* $\Delta \beta < 20\%$, $\Delta V_{BE} < 10$ mV.
n S — HF 75	2 N 2811, 2*	20 60/5000	—	> 20	—	60e	10 A	40 W/100c	200	Sol	$V_{CBM} = 80$ V. - * $\beta = 40...120$.
n S — HF 76	2 N 2813, 4*	20 60/5000	—	> 20	—	80e	10 A	40 W/100c	200	Sol	$f_t > 30$ MHz. * $\beta = 40...120$, $f_t > 30$ MHz.
n S Me P 96 7	2 N 2815, 6*	10 50/10 A	—	> 0,6□	—	80	20 A	200 W 25a	200	Sesc	* $V_{CM} = 100$ V. - □ $I_c = 15$ A.
n S Me P 97 8	2 N 2817, 8*	10 50/10 A	—	> 0,6□	—	150	20 A	200 W 25a	200	Sesc	* $V_{CM} = 200$ V. - □ $I_c = 15$ A.
n S Me P 96 8	2 N 2819, 22	10 50/15 A	—	> 0,6	—	(*)	25 A	200 W 25a	200	Sesc	(*) Vedi 2 N 2815, 18.
n S Me P 96 7	2 N 2823, 4, 5	10 50/20 A	—	> 0,6	—	(*)	30 A	200 W 25a	200	Sesc	(*) Vedi 2 N 2815, 6, 7.
p G — P 85	2 N 2832	25 100/10 A	—	—	—	50e	20 A	85 W/25c	110	Moto	$V_{CBM} = 80$ V. - $t_s = 3 \mu s$ a $I_c = 5$ A.
p G — P 86	2 N 2833	25 100/10 A	—	—	—	75e	20 A	85 W/25c	110	Moto	$V_{CBM} = 120$ V. - $t_s = 3 \mu s$ a $I_c = 5$ A.
p G — P 87	2 N 2834	25 100/10 A	—	—	—	100e	20 A	85 W/25c	110	Moto	$V_{CBM} = 140$ V. - $t_s = 3 \mu s$ a $I_c = 5$ A.
n S PE VH 34	2 N 2845	30 120/150	—	350	6	30e*	500	360□/25a	200	Fair	* $V_{CB} \max = 60$ V. - $P_{DM} =$ □ 1,2 e ▲ 3 W a 25°C sulla custodia.
n S PE VH 44	2 N 2846	30 120/150	—	350	6	30e*	500	800▲/25a	200	Fair	
n S PE VH 33	2 N 2847	40 140/150	—	350	6	20e*	500	360□/25a	200	Fair	
n S PE VH 43	2 N 2848	40 140/150	—	350	6	20e*	500	800▲/25a	200	Fair	
n S — UH 32	2 N 2857	30 150 3	< 4,5*	> 1000	< 1,8	15e	20	300/25a	200	Kmc	* A 450 MHz, GP > 15 dB.
p S PE BF 33	2 N 2861	30 120/0,01	1,5	60	—	20e	100	300/25a	200	TI	* $\beta > 20$, osc., 1,2 W uscita a 50 MHz. * A 200 MHz.
p S PE BF 33	2 N 2862	12 120/0,01	1,5	45	—	20e	100	300/25a	200	TI	
n S PE VH 43	2 N 2863, 4*	30 200/200	—	> 150	—	25e	1000	800/25a	200	TI	
n S PE VH 32	2 N 2865	20 200/4	4,5*	> 600	2,5	13e	50	200/25a	200	TI	
n S PI HF 76	2 N 2866, 7*	20 60/500	—	> 10	170	80e	2000	20 W/100c	175	Tran	$V_{CBM} = 120$ V. - * $\beta = 40...120$.
n S PE HC 44	2 N 2868	40 120/150	—	> 50	< 20	40e	1000	800/25a*	200	Fair	$V_{CBM} = 60$ V. - * 2800/25c.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_{β} (dB)	f_t (MHz)	C_{cb} (pF)	V_{CEM} (V)	I_{CEM} (mA)	P_{DM} (mW) / a T_a o T ($^{\circ}C$)	T_{JM} ($^{\circ}C$)	Fabbricante	Osservazioni
p G Al P 75	2 N 2869, 70*	50...165 1000	—	0,45	—	50e	10 A	30 W 55c	100	RCA	$V_{CBM} = 60$ e $* 80$ V.
p S Pl HF 75	2 N 2875	20...60 500	—	> 25	—	50e	2000	20 W/100c	200	Tran	$V_{CBM} = 60$ V.
n S Pl VH 76	2 N 2876	—	—	200	< 20	80	2500	17 W/25c	200	RCA	3 e 10 W usc. a 150 e 50 MHz.
p S PEP 65/7	2 N 2881, 2*	20...60 500	—	1	—	60	2000	8750 25c	200	Crys	* $V_{CEM} = V_{CBM} = 100$ V.
n S Pl VH 77	2 N 2887	15...80 350	—	—	< 30	100	1200	25 W 25c	200	TRW	10 W uscita a 100 MHz, GP = 9 dB.
n S PE HF 46	2 N 2890	30...90/1000*	—	> 30	< 70	80e	—	800 25a□	200	Sesc	$V_{CBM} = 100$ V. - * > 20/100 ...2000. - □ 2800/100c. ▲ > 35/100. ...2000.
n S PE HF 46	2 N 2891	50...150/1000*	—	> 30	< 70	80e	—	800 25a□	200	Sesc	
p S PE HC 32	2 N 2894	40...150/30*	—	400	< 6	12	200	360 25a	200	TI	
n S Pl HF 36	2 N 2895	40...120 150*	< 8	> 120	< 15	80e	1000	500 25a□	200	RCA	$V_{CBM} = 120$ V. - * > 20/01. ...500. - ▲ > 35/1. □ 1800/25c.
n S Pl HF 37	2 N 2896	60...200 150*	< 8	> 120	< 15	140	1000	500 25a□	200	RCA	
n S Pl DD 33	2 N 2903, A*	> 60/0,01 125...625/1	< 7	> 60	< 8	30e 60b	—	300 25a 700 100c	200	Amel	$\Delta \beta < 20$ e * < 10 %, $\Delta V_{BE} < 20$ e * < 5 mV.
p S PE HC 44	2 N 2904, A	40...120 150	—	> 200	< 8	40e	600	600/25a	200	Moto	$V_{CBM} = 60$ V.
p S PE HC 44	2 N 2905, A	100...300 150	—	> 200	< 8	40e	600	600/25a	200	Moto	$V_{CBM} = 60$ V.
p S PE HC 44	2 N 2906, 7* A	40...120 150	—	> 200	< 8	40e	600	600/25a	200	Moto	$V_{CBM} = 60$ V. - * $\beta = 100...300$
n S PE HC 34	2 N 2909	40...120/150	—	> 50	< 20	40e	1000	800 25a*	200	TRW	$V_{CBM} = 60$ V. - * 5000/25c.
p G ADP 81	2 N 2912	> 75 10 A	—	30	—	6e	25 A	75 W/25c	110	Moto	$V_{CBM} = 15$ V.
n S Pl DD 45	2 N 2913, 4*	60...240 0,01	< 4□	> 60	< 6	45	30	600/25a	200	Fair	* $\beta = 150...600$. - □ $I_c = 10 \mu A$, $R_{\theta} = 10$ kΩ.
n S Pl DD 45	2 N 2915, 6*	60...240/0,01 > 150/1	< 4	> 60	< 6	45	30	600/25a 3000 25c	200	Fair	* $\beta = 150...600$ a $10 \mu A$ e > 300 a 1 mA. $\Delta \beta < 10$ %, $\Delta V_{BE} < 5$ mV e < $10 \mu V/^{\circ}C$.
n S Pl DD 45	2 N 2917, 8*	60...240/0,01	2	> 60	< 6	45	30	600 25a	200	Moto	* $\beta > 150$, $F_b < 3$ dB. - $\Delta \beta < 20$ %.
n S Pl DD 45	2 N 2919, 20	(*)	< 4	> 60	< 6	60	30	(*)	200	Fair	(*) Identici a 2 N 2915, 16.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I _C (mA)	F _b (dB)	f _L (MHz)	C _{cb} (pF)	V _{CM} (V)	I _{CM} (mA)	P _{DM} (mW) / a T _a o T _C (°C)	T _{jm} (°C)	Fabbri- cante	Osservazioni
n S PI BF 33	2 N 2921, 2*	35 70/2	2,8	200	9	25	100	200/25a	150	Sesc	Piano epox. - * $\beta = 55 \dots 110$.
n S PI BF 33	2 N 2923, 4*	90 180/2	2,8	200	9	25	100	200/25a	150	Sesc	Piano epox. - * $\beta = 150 \dots 300$.
n S PI BF 33	2 N 2925	235 470/2	2,8*	200	9	25	100	200/25a	150	Sesc	Piano epox. - * I _C = 0,1 mA. f = 10 kHz.
n S PI BF 33	2 N 2926	(*)/2	2,8	200	9	18	100	200/25a	150	Sesc	(*) Marrone: 35...70, rosso: 55...110, arancio: 90...180, giallo: 150...300, verde: 235...470.
p S PE HF 43	2 N 2927	30 130/50 > 20/300	—	> 100	< 20	25	500	800/25a 3000/25c	200	Fair	tr = 75 ns a I _C = 300 mA.
p G Me VH 32	2 N 2929	10 100/10	5,5*	1100	< 2,5	10e	100	300/25a	100	Moto	V _{CBM} = 25 V. - * A 200 MHz. GP = 16 dB.
p S PE C 32	2 N 2944	80 450/1	—	15	< 10	10e	100	400/25a	200	Crys	V _{CBM} = V _{BEM} = 15 V.
p S PE C 33	2 N 2945	40...250/1	—	10	< 10	20e	100	400/25a	200	Crys	V _{CEM} = V _{BEM} = 25 V.
p S PE C 34	2 N 2946	30...150/1	—	5	< 10	35e	100	400/25a	200	Crys	V _{CBM} = V _{BEM} = 40 V.
n S PE HF 75	2 N 2947	2,5...35/400	—	—	< 60	60	1500	25 W/25c	175	Moto	15 W uscita a 50 MHz.
n S PE HF 75	2 N 2948	2,5...100/400	—	—	< 60	40	1500	25 W/25c	175	Moto	15 W uscita a 30 MHz.
n S PE VH 65	2 N 2949, 50	5...100/400	—	200	< 20	60	700	6000/25c	175	Moto	3,5 W uscita a 50 MHz.
n S PE VH 45	2 N 2951	> 20/150	—	400	< 8	60	250	800/25a	175	Moto	0,6 W uscita a 50 MHz.
n S PE VH 35	2 N 2952	> 20/150	—	400	< 8	60	250	500/25a	175	Moto	0,6 W uscita a 50 MHz.
p G AI BF 23	2 N 2953	350 (> 200)/10	—	10	6,5	25e	150	120/25a*	100	RCA	V _{CBM} = 30 V. - * 300/55c.
p G Me HC 23	2 N 2955	43/50	—	350	4	25e	100	150/25a	100	Moto	V _{CBM} = 40 V.
p G Me HC 23	2 N 2956	64/50	—	375	4	20e	100	150/25a	100	Moto	V _{CBM} = 40 V.
p G Me HC 23	2 N 2957	105/50	—	400	4	18e	100	150/25a	100	Moto	V _{CBM} = 40 V.
n S PE HC 43	2 N 2958, 9*	40...120/150	—	> 250	< 8	20e	600	600/25a	175	Moto	V _{CBM} = 60 V. - * $\beta = 100 \dots 300$.
p S — C 22	2 N 2968, 9	> 15/1	—	> 10	< 6	10e	50	150/25a	140	Spra	V _{CBM} = 30 V. - Bilaterale.
p S — C 23	2 N 2970, 1	> 10/1	—	> 8	< 6	20e	50	150/25a	140	Spra	V _{CBM} = 30 V. - Bilaterale.
n S PI DD 45	2 N 2972, 3*	60...240/0,01	< 4□	> 60	< 6	45	30	600/25a	200	Fair	□ I _C = 10 μ A, R _a = 10 k Ω .
n S PI DD 35	2 N 2974, 5	(*)	< 4	> 60	< 6	45	30	300/25a	200	Fair	* $\beta = 150 \dots 600$.
n S PI DD 35	2 N 2976, 7	(*)	< 4	> 60	< 6	45	30	300/25a	200	Fair	(*) Identici a 2 N 2915, 16.
n S PI DD 45	2 N 2978, 9	(*)	< 4	> 60	< 6	60	30	750/25c	200	Fair	(*) Identici a 2 N 2917, 18, (*) Identici a 2 N 2915, 16.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente a I_c (mA)	F_{L_1} (dB)	f_t (MHz)	C_{rb} (pF)	V_{CEM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_{a0} T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
n S Me P 66 7	2 N 2983, 4*	20 60/1000	—	> 18	—	80	3000	15 W/100c	175	Tran	* $V_{CEM} = 120$ V.
n S Me P 66 7	2 N 2985, 6*	40 120/1000	—	> 18	—	80	3000	15 W/100c	175	Tran	* $V_{CEM} = 120$ V.
n S Me P 66 7	2 N 2987, 8*	25 75/200	—	> 30	—	80	1000	15 W/100c	200	Tran	* $V_{CEM} = 120$ V.
n S Me P 66 7	2 N 2989, 90*	60 120/200	—	> 30	—	80	1000	15 W 100c	200	Tran	* $V_{CEM} = 120$ V.
n S Me P 66 7	2 N 2991, 2*	25 75/200	—	> 30	—	80	1000	15 W 100c	200	Tran	* $V_{CEM} = 120$ V.
n S Me P 66 7	2 N 2993, 4*	60 120/200	—	> 30	—	80	1000	15 W 100c	200	Tran	* $V_{CEM} = 120$ V.
n S Me P 67	2 N 2995	30 90/200	—	10	—	100e	1000	10 W 25c*	150	GE	$V_{CBM} = 120$ V. - * 1500/25a.
p G Me VH 22	2 N 2996	25 500/4	5	> 400	3	15e	50	75/25a	100	TI	
p G Me VH 24	2 N 2997	40 500/4	4,5	> 400	1,8	30e	50	75 25a	100	TI	
p G Me VH 22	2 N 2998	15 300/3	8	> 600	1,7	15e	20	75 25a	100	TI	
p G Me UH 22	2 N 2999	> 10/3	7	> 1400	1,7	15e	20	75 25a	100	TI	
n S PE VH 32	2 N 3009	30 120/30	—	> 350	< 5	15e	500	360/25a	200	TI	$V_{CBM} = 40$ V.
n S PE VH 31	2 N 3010	20 125/10	—	> 600	< 3	6e	50	300 25a	200	TI	$V_{CBM} = 15$ V.
n S PE VH 32	2 N 3011	30 120/10	—	> 400	< 4	12e	500	360 25a	200	TI	$V_{CBM} = 30$ V.
p S PE VH 32	2 N 3012	20 120/30	—	> 200	< 6	12	200	360/25a	200	TI	$V_{sat} = 0,5$ V a $I_c = 100$ mA.
n S PE VH 32 3	2 N 3013, 4*	30 120/30 35 (> 15)/300	—	> 350	< 5	15e 40b	500	360/25a 1200/25c	200	TI Fair	* $V_{CEM} = 20$ V, $I_{CM} = 100$ mA.
n S PE HC 44	2 N 3015	30 120/150	—	> 250	8	30e	800	800/25a	200	Moto	$V_{CBM} = 60$ V.
n S PI HF 65	2 N 3016, 7*	60 150/1000	—	> 200	—	50e	2500	7500 25c	175	Sol	$V_{CBM} = 100$ V. - * $I_{CM} = 5$ A
n S PI HF 65	2 N 3018	60 150/1000	—	> 200	—	50e	10 A	25 W/25c	150	Sol	$P_{DM} = 10$ W. $V_{CBM} = 100$ V.
n S PE HC 36	2 N 3019, 20*	100 300/150	—	> 100	< 12	80e	1000	500 25a	200	Moto	$V_{CBM} = 140$ V. - * $\beta = 40 \dots 120$.
p S — P 74	2 N 3021	20 60/1000	—	> 60	—	30	3000	25 W 25c	175	Moto	$V_{sat} < 1,5$ V a $I_c = 3$ A.
p S — P 75	2 N 3022, 3*	20 60/1000	—	> 60	—	45	3000	25 W/25c	175	Moto	$V_{sat} < 1,5$ V a $I_c = 3$ A.
p S — P 74	2 N 3024	50 180/1000	—	> 60	—	30	3000	25 W 25c	175	Moto	* $V_{CM} = 60$ V. $V_{sat} < 1$ V a $I_c = 3$ A.
n S PE HF 56	2 N 3036	> 15/1000	—	> 50	—	80e	1200	5000 100c	200	TI	$P_{DM} = 0,8$ W a 25° C amb.
n S PI DD 33	2 N 3052	> 20/10	—	400	5	20e	—	300 25a	200	TI	Contiene due 2 N 706.
n S PI HF 54	2 N 3053	50 250/150	—	100	15	40e	—	5000 25c	200	Tran	$V_{CBM} = 60$ V.
n S PI C 76	2 N 3054	25 100/500	—	1	—	90*	4000	25 W/25c	200	RCA	* 55 V a base aperta.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente a I_c (mA)	F_h (dB)	f_t (MHz)	C_{in} (pF)	V_{CEM} (V)	I_{CEM} (mA)	P_{DM} (mW) / a T_a o T (°C)	T_{jM} (°C)	Fabbri- cante	Osservazioni
n S PI C 87	2 N 3055	20 70 4000	—	0,7	—	100*	15 A	115 W/25c	200	RCA	* 60 V a base aperta.
p S PE BF 31	2 N 3058	40 ... 120/0,1 μ A	—	10	10	6	100	400/25a	200	Crys	$\beta = 100$. . 400 a $I_c = 10 \mu$ A.
p S PE BF 32	2 N 3059	100 ... 300/0,01	< 3	—	< 10	10b	100	400/25a	200	Spra	$I_{CBO} = < 0,1$ nA.
p S PE BF 35	2 N 3060, 1*	30 ... 60/1	—	5	10	60e	100	400/25a	200	Crys	* $\beta = 60$. . 180, $f_t = 8$ MHz.
p S PE BF 36	2 N 3062	20 ... 80/1*	—	3	< 10	80e	100	400/25a	200	Crys	$V_{CEM} = 90$ V. - * $> 12/0,1$...10
p S PE BF 36	2 N 3063	50 ... 150/1*	—	5	< 10	80e	100	400/25a	200	Crys	$V_{CEM} = 90$ V. - * $> 30/0,1$...10
p S PE BF 37	2 N 3064, 5*	15 ... 45/1	—	2	< 10	100e	100	400/25a	200	Crys	* $\beta = 30$. . 90, $f_t = 4$ MHz.
p S PE VH 45	2 N 3072	30 130/50*	—	200	—	60	500	800/25a□	200	Fair	* 43 (> 15)/300. - □ 3000/25c
p S PE VH 35	2 N 3073	30 130/50*	—	200	—	60	500	360/25a□	200	Fair	* 43 (> 15)/300. - □ 1200/25c
n S PI BF 35	2 N 3077	80/1 μ A 100 ... 400/0,01	< 3* < 10*	> 15□ > 60□	< 6	60e 80b	50	360/25a 1200/25c	200	Tran	* A 1 kHz. - □ A $I_c = 50 \mu$ A. * 100 Hz. - □ A $I_c = 0,5$ mA
n S PI BF 35	2 N 3078	> 25/1 μ A 40 ... 120/0,01	< 4* < 15*	> 15□ > 60□	< 6	60e 80b	50	360/25a 120/25c	200	Tran	* A 1 kHz. - □ A $I_c = 50 \mu$ A. * A 100 Hz. - □ A $I_c = 0,5$ mA
n S D P 88 9	2 N 3079, 80*	10 ... 50/5000	—	—	—	200	10 A	70 W/100c	150	Delc	$f_b = 50$ kHz. - * $V_{CEM} = 300$ V.
n S PI HF 45	2 N 3107, 8*	150/150	3,5	86	< 20	60e	1000	800/25a	200	Fair	$V_{CEM} = 100$ V. - * $\beta = 70$.
n S PI HF 44	2 N 3109	150/150	3,5	86	< 25	40e	1000	800/25a	200	Fair	$V_{CEM} = 80$ V.
n S PE HF 44	2 N 3110	40 ... 120/150 40 (> 20)/0,1	3,5*	> 60	12	40e 80b	500	800/25a 5000/25c	200	Fair	Salita 120 (< 200) ns. - * $I_c = 30 \mu$ A, $f = 1$ kHz, $R_a = 1$ k Ω
n S PI HF 47	2 N 3114	30 120/30 35 (> 15)/0,1	—	> 40	6	150	100	800/25a 5000/25c	200	Fair	$V_{sat} = 0,3$ (< 1) V a $I_c = 50$ mA.
n S PE HC 33	2 N 3115, 6*	40 ... 120/150	—	> 250	< 8	20e	600	400/25a	175	Moto	$V_{CEM} = 60$ V. - * $\beta = 100$. . 300
n S PI VH 46	2 N 3118	50 ... 275/25	—	> 250	< 6	85e	500	1000/25a*	200	RCA	* 4000/25c. - 0,4 W uscita a 150 MHz.
n S PI HC 47	2 N 3119	50 200/100	—	> 260	< 6	100e	500	1000/25a	200	RCA	$V_{CEM} = 80$ V a base aperta $t_s + t_f < 70$ ns.
p S PE VH 45	2 N 3120	30 ... 130/50*	—	200	—	45	500	800/25a□	200	Fair	* 43 (> 15)/300. - □ 3000/25c
p S PE VH 35	2 N 3121	30 ... 130/50*	—	200	—	45	500	360/25a□	200	Fair	* 43 (> 15)/300. - □ 1200/25c
p G Me VH 23	2 N 3127	20 ... 100 3	< 5*	400	< 1,2	25	50	100 25a	100	Moto	* A 200 MHz, GP=17. . 25 dB

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CEM} (V)	I_{CM} (mA)	P_{DM} (mW) a T_a ou T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
p S PE HC 44 p S PE VH 34	2 N 3133, 4* 2 N 3135, 6*	40 120/150 40 120/150	— —	> 200 > 200	< 10 < 10	35e 35e	600 600	600/25a 400/25a	200 200	Moto Moto	$V_{CBM} = 50 V$ - * $\beta = 100$...300. $V_{CBM} = 50 V$ - * $\beta = 100$...300.
n S PE VH 43	2 N 3137	20...120/50	—	750	2,8	20e	—	600/25a	200	Fair	0,5 W usc. a 250 MHz, cl. C.
p G AI P 86	2 N 3146, 7*	25...90/10 A	—	0,5	—	65e	15 A	150 W/25a	100	TI	$V_{CBM} = 150 e$ * 180 V. - * $V_{CEM} = 75 V$.
p S PE P 64 5 p S PE P 64	2 N 3202, 3* 2 N 3208	20...60/1000 20...60/500	— —	> 1 1	— —	40 40	3000 2000	8750/25c 8750/25c	200 200	Crys Crys	$\beta > 30$ a $I_c = 0,5 A$. - * $V_{CEM} = 60 V$. $\beta = 30$ (> 10) a $I_c = 1 A$.
p S PE VH 33	2 N 3209	30...120/30 30 (> 15)/100	—	550	—	20	200	360/25a 1200/25c	200	Fair	Commutazione saturata e non satura, amplif. < 20 MHz. conv. < 100 MHz.
n S — HC 32 p G AI P 67 6 p G AI P 64	2 N 3210, 1* 2 N 3212, 3* 2 N 3214, 5*	30 120/10 30...90/3000 30...90/3000	— — —	> 300 0,6 0,6	< 6 — —	15e□ 80e 40e	500 5000 5000	360/25a 12 W/25c 12 W/25c	200 110 110	Moto Delc Delc	* $\beta = 50$...150. - □ 40b. * $V_{CEM} = 60 V$, $V_{CBM} = 80 V$. * $V_{CEM} = 30 V$, $V_{CBM} = 40 V$.
p S PE C 32 3 p S PE C 34	2 N 3217, 8* 2 N 3219	— —	— —	10 3	— < 14	10e 35e	100 100	400/25a 400/25a	200 200	Crys Crys	* $V_{CEM} = 20 V$, $f_t = 5 MHz$. $V_{CBM} = V_{BEM} = 40 V$.
n S Me P 76 n S Me P 75	2 N 3220, 1* 2 N 3222, 3*	20...60/500 20...60/500	— —	> 10 > 10	— —	80e 60e	2000 2000	30 W/100c 30 W/100c	200 200	GE GE	$V_{CBM} = 100 V$. - * $\beta = 40$...120. $V_{CBM} = 80 V$. - * $\beta = 40$...120.
n S PE HC 33 n S PI VH 77	2 N 3227 2 N 3229	100...300/10 —	— —	> 500 200	< 4 < 6	20e 105	200 2500	360/25a 17 W/25c	200 200	Moto RCA	$V_{CBM} = 40 V$. 5 W uscita a 150 MHz.
n S — P 85 n S — P 87 8 n S — P 85	2 N 3232 2 N 3233, 4* 2 N 3235	15 75/3000 18 55/3000 20...70/4000	— — —	> 1 > 1 > 1	— — —	60 100 55	10 A 7500 10 A	117 W/25c 67 W/100c 117 W/25c	200 200 200	Moto SiTr Moto	* $V_{CM} = 160 V$. $V_{sat} < 1,1 V$ a $I_c = 4 A$.
n S — P 86 n S — P 86	2 N 3236 2 N 3237	17 60/5000 12 36/10 A	— —	> 1 > 1	— —	90 75e	15 A 20 A	85 W/100c 100 W/100c	200 200	SiTr SiTr	$R_{sat} < 0,22 \Omega$ a $I_c = 5 A$. $V_{CBM} = 90 V$.
n S — P 86 n S — P 88	2 N 3238, 9* 2 N 3240	8 25/10 A 8 25/10 A	— —	> 1 > 1	80 —	80 160	15 A 15 A	85 W/100c 85 W/100c	200 200	SiTr SiTr	$R_{sat} < 0,3 e$ * < 0,1 Ω a $I_c = 10 A$. $R_{sat} < 0,1 \Omega$ a $I_c = 10 A$.
n S PI BF 33	2 N 3241, 2*	70 250/10	8	60	22	25e	100	500/25a	175	RCA	* $\beta = 100$...375, $I_{CM} = 200 mA$. $F_b = 4 dB$.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{ch} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a ou T_c ($^{\circ}C$)	T_{JM} ($^{\circ}C$)	Fabbri- cante	Osservazioni
p S PE HC 44	2 N 3244	50...150/500	—	> 175	< 25	40	1000	1000/25a	200	Moto	$\beta > 25$ a $I_c = 1$ A.
p S PE HC 45	2 N 3245	30...90/500	—	> 150	< 25	50	1000	1000/25a	200	Moto	$\beta > 20$ a $I_c = 1$ A.
p S PE HC 32	2 N 3248, 9*	50...150/10	—	> 250	< 8	12e	—	360/25a	200	Moto	$V_{CBM} = 15$ V. - * $\beta = 100...300$, $f_t > 300$ MHz.
p S PE HC 34 5	2 N 3250, A*	50...150/10	—	> 250	< 6	40e	200	360/25a	200	Moto	* $V_{CM} = 60$ V.
p S PE HC 34 5	2 N 3251, A*	100...300/10	—	> 300	< 6	40e	200	360/25a	200	Moto	* $V_{CM} = 60$ V.
n S PE HC 44	2 N 3252	30...90/500	—	> 200	< 12	30e	1000	1000/25a	200	RTC	Comando memorie ferrite.
n S PE HC 44	2 N 3253	25...75/500	—	> 175	< 12	40e	—	1000/25a	200	Moto	$V_{CBM} = 75$ V.
n S PE HC 32	2 N 3261	40...150/10 35 (> 20)/200	—	440* > 300*	2,8 < 3,5	15e 40b	500	300/25a 1000/25c	175	RCA	$t_s = 7$ (< 10) ns a $I_c = 100$ mA. * A $I_c = 100$ mA.
n S PI HC 47	2 N 3262	> 40/500	—	> 150	< 20	100	1500	1000/25a*	200	RCA	$t_r = 40$ ns. - * 8750/25c.
n S PE P 87	2 N 3263	25...75/15 A*	—	> 20	< 900	110e	25 A	80 W/70c	200	RCA	$V_{CBM} = 150$ V, $t_s < 1,5$ μ s. * > 20/20 A.
n S PE P 86	2 N 3264	25...75/15 A*	—	> 20	< 900	80e	25 A	80 W/70c	200	RCA	$V_{CBM} = 120$ V, $t_s < 1,5$ μ s. * > 20/20 A.
n S PE P 87 6	2 N 3265, 6	(*)	—	> 20	< 900	(*)	25 A	80 W/70c	200	RCA	(*) Identici a 2 N 3263, 4.
p G Me VH 24	2 N 3279, 80□	15...70/3	2,9*	500	< 1	30	50	100/25a	100	Moto	* A 200 MHz, GP = 20 dB. □ $C_{cb} < 1,2$ pF.
p G Me VH 24	2 N 3281, 2	10...100/3	4*	400	< 1,2	30	50	100/25a	100	Moto	* A 200 MHz, GP = 20 dB.
p G Me VH 23	2 N 3283, 4□	> 10/3	4*	400	< 1,5	25	50	100/25a	100	Moto	* A 200 MHz, GP = 20 dB. □ $F_b = 5$ dB.
p G Me VH 23	2 N 3285, 6□	> 5	—	400	< 1,5	20	50	100/25a	100	Moto	* $F_b = 5,5$ dB a 200 MHz, GP = 18 dB.
n S PE VH 33	2 N 3287, 8*	15...100/2	4,9□	600	< 1,1	20e	50	200/25a	200	Moto	□ A 200 MHz, GP = 20 dB. * $C_{cb} < 1,5$ pF.
n S PE VH 32	2 N 3289, 90	10...150/2	6*	500	< 1,5	15e	50	200/25a	200	Moto	* A 200 MHz, GP = 20 dB. $V_{CBM} = 30$ V.
n S PE VH 33	2 N 3291, 2*	> 10/2	6□	600	< 2	25	50	200/25a	200	Moto	□ A 200 MHz, GP = 20 dB. * $F_b = 7$ dB.
n S PE VH 33	2 N 3293, 4*	> 10/2	—	600	< 2	20	50	200/25a	200	Moto	* $F_b = 7$ dB a 200 MHz, GP = 18 dB.
n S PE HF 45	2 N 3259	20...60 10*	—	> 200	< 8	60	250	800/25a	175	Moto	* > 20/150. - 300 mW/30 MHz.
n S PE HF 65	2 N 3296	> 5 40...400	—	> 100	< 20	60	700	6000/25c	175	Moto	3 W uscita a 30 MHz.
n S PE HF 75	2 N 3297	> 2,5 400...1000	—	> 100	< 60	60	1500	25 W/25c	175	Moto	12 W uscita a 30 MHz.
n S PE VH 42	2 N 3298	60...120 10	—	400	< 6	25	100	1000/25c	175	Moto	Osc., 60 mW usc. a 80 MHz.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CEM} (V)	I_{CEM} (mA)	P_{DM} (mW) a T_a ou T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
n S PE VH 44	2 N 3299	40...120* 150	—	> 250	—	30e□	200	800/25a	200	Fair	* 40 (> 20) a $I_c = 0,1$ mA.
n S PE VH 44	2 N 3300	100...300* 150	—	> 250	—	30e□	200	800/25a	200	Fair	▲ 80 (> 35) a $I_c = 0,1$ mA.
n S PE VH 34	2 N 3301	40...120* 150	—	> 250	—	30e□	200	360/25a	200	Fair	□ 60b. - $P_{DM} = 3$ e $1,8$ W a
n S PE VH 34	2 N 3302	100...300* 150	—	> 250	—	30e□	200	360/25a	200	Fair	25°C alla custodia.
n S PE VH 42	2 N 3303	30...120/300 45 (> 20)/10	—	650 > 450	—	12e 25b	1000	600/25a 3000/25c	200	Fair	Salita 10 (< 15) ns a $I_c = 1$ A. - $V_{sat} = 0,51$ (< 0,7) V.
p S PE VH 31	2 N 3304	30...120/10 50 (> 20)/50	—	700 > 500	—	6	—	300/25a 500/100c	200	Fair	Salita 27 (< 60) ns a $I_c =$ 10 mA. - $V_{sat} = 0,2$ (< 0,5) V a $I_c = 50$ mA.
p S PE VH 34	2 N 3307	40...250/2	4,5*	700	< 1,3	35e	50	200/25a	200	Moto	* A 200 MHz. GP = 20 dB.
p S PE VH 33	2 N 3308	25...250/2	6*	700	< 1,6	25e	50	200/25a	200	Moto	* A 200 MHz. GP = 20 dB.
n S PE VH 45	2 N 3309, A□	5...100/30 > 5/250	—	400 > 300	6 < 10	50e 50b	500	1000/25a 3500/25c	175	Sesc	$V_{CEM} = 30$ V a $I_c = 100$ mA. - GP > 7 dB. a 250 MHz. 2 e □ 2,2 W usc. - □ Moto.
p G AI P 94	2 N 3311	60...120/3000	—	> 0,4	—	30	5000	170 W/25c	110	Moto	
p G AI P 95	2 N 3312, 3*	60...120/3000	—	> 0,4	—	45	5000	170 W/25c	110	Moto	* $V_{CM} = 60$ V.
p G AI P 94	2 N 3314	100...200/3000	—	> 0,4	—	30	5000	170 W/25c	110	Moto	
p G AI P 95	2 N 3315, 6*	100...200/3000	—	> 0,4	—	45	5000	170 W/25c	110	Moto	* $V_{CM} = 60$ V.
p S — C 24 2	2 N 3317, 8*	—	—	> 6,4	< 9	30	50	150/25a	140	Spra	* $V_{CM} = 15$ V, $f_r > 7,6$ MHz. Choppers.
p S — C 21	2 N 3319	—	—	> 12	< 10	6e	50	150/25a	140	Spra	$V_{CBM} = 10$ V, Chopper. R_{sat} = 18 Ω.
p G — HC 22	2 N 3320	> 50/20	—	900	< 3	15	100	75/25a	100	Spra	tr < 10 ns.
p G — HC 22	2 N 3321, 2*	> 100/10	—	900	< 3,5	12	100	75/25a	100	Spra	tr < 10 ns. - * $\beta > 30$.
n G Me VH 24	2 N 3323	30...200/3	—	360	< 3	35	100	150/25a	100	Moto	GP = 13 dB a 100 MHz.
n G Me VH 24	2 N 3324, 5*	30...200/3	—	360	< 3	35	100	150/25a	100	Moto	GP = 29 dB a 10,7 MHz. e * 30 dB a 1,6 MHz.
n S PE VH 76	2 N 3327	10/500	—	700	< 30	65e	2000	20 W/25c	200	RTC	5 W/250 MHz, Aliment. 28 V.
n S PI VH 34	2 N 3337, 8*	> 30/4	—	> 400	1,6	40	—	300/25a	200	Fair	GP = 24, CAG = 30 dB a 60 MHz. - * $F_b < 5,5$ dB.
n S PI VH 34	2 N 3339	> 30/4	5,5*	> 400	1,6	40	—	300/25a	200	Fair	* A 200 MHz. GP = 15 dB. CAG = 30 dB.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I_c (mA)	F_b (dB)	f_i (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c ($^{\circ}C$)	T_{JM} ($^{\circ}C$)	Fabbri- cante	Osservazioni
n S P I C 33	2 N 3340	> 40/0,01	—	> 70	—	20e	—	400/25a	200	Sol	$V_{CBM} = 30$ V.
p S P I C 33	2 N 3341	> 40/0,01	—	> 50	—	20e	—	400/25a	200	Sol	$V_{CBM} = 30$ V.
p S A I H C 31	2 N 3342	> 30/5	—	—	< 10	8e	—	250/25a		Sol	$V_{CBM} = 20$ V, $t_s < 60$ ns.
p S P I C 33/4	2 N 3343, 4*	> 20/0,25	—	> 2	7	25	50	250/25a	175	Sol	* $V_{CM} = 30$ V, $\beta > 25$ a
p S P I C 35	2 N 3345, 6*	> 15/1	—	> 2	7	50	50	250/25a	175	Sol	$I_c = 1$ mA. - Choppers.
p S P E D D 45	2 N 3350, 1*	100...300 0,01	< 4	> 60	< 6	45e	30	600 25a	200	TI	Choppers, $R_{sat} < 15$ e * < 20 Ω $\Delta \beta = 10$ e * 20 %.
n S P E V H 66	2 N 3375	—	—	500	< 10	65	1500	12 W/25c	200	RCA	> 3 W uscita a 400 MHz.
n S P I B F 33	2 N 3390	400...1250/2	—	160	< 10	25	100	200/25a	100	Sesc	Piano epox.
n S P I B F 33	2 N 3391, A*	250...800/2 200 (> 170)/0,1	1,9	160	< 10 > 4,5	25	100	200/25a 120/55a	100	Sesc	* $F_b = 1,9$ (< 5) dB. - Piano epox.
n S P I B F 33	2 N 3392, 3*	150...500/2	—	140	< 10	25	100	200/25a	100	Sesc	* $\beta = 90...400$. - Piano epox.
n S P I B F 33	2 N 3394, 5*	55...300/2	—	140	< 10	25	100	200/25a	100	Sesc	* $\beta = 150...800$. - Piano epox.
n S P I B F 33	2 N 3396, 7*	90...800/2	—	140	< 10	25	100	200/25a	100	Sesc	* $\beta = 55...800$. - Piano epox.
n S P I B F 33	2 N 3398	55...1250/2	—	140	< 10	25	100	200/25a	100	Sesc	Piano epox.
n S P E B F 43	2 N 3402, 3*	75...225/2	—	120	—	25	800	900/25a□	120	GE	□ Con alette. - * $\beta = 180...450$.
n S P E B F 45	2 N 3404, 5*	75...225/2	—	120	—	50	800	900/25a□	120	GE	□ Con alette. - * $\beta = 180...450$.
n S P E B F 33	2 N 3414, 5*	75...225/2	—	120	—	25	500	360/25a	120	GE	* $\beta = 180...450$. - Piano epox.
n S P I B F 35	2 N 3416, 7*	75...225/2	—	120	—	50	500	360/25a	120	GE	* $\beta = 180...450$. - Piano epox.
n S P E H F 65/6	2 N 3418, 9*	20...60/1000	—	> 40	—	60e	3000	10 W 100c	175	TI	* $V_{CEM} = 80$ V.
n S P E H F 65/6	2 N 3420, 1*	40...120/1000	—	> 40	—	60e	3000	10 W 100c	175	TI	* $V_{CEM} = 80$ V.
p G A I C 34	2 N 3427, 8*	100...350/100	—	7	—	30e	500	200/25a	100	Moto	$V_{CBM} = 45$ V. - * $\beta = 150...400$.
n S — P 85	2 N 3429	> 10/5000	—	0,25	—	50e	7500	150 W 60c	175	Wh	$R_{sat} < 0,2$ Ω .
n S — P 87	2 N 3430, 1*	> 10/5000	—	0,25	—	100e	7500	150 W 60c	175	Wh	* $V_{CEM} = 150$ V.
n S — P 88	2 N 3432, 3*	> 10 5000	—	0,25	—	200e	7500	150 W 60c	175	Wh	* $V_{CEM} = 250$ V.
n S D H C 49	2 N 3439	40...160/20	—	> 80	< 10	450□	1000	1000/25a*	200	RCA	□ 350 V a base aperta. - * 5000/25c.
n S D H C 49	2 N 3440	40...160/20	—	> 80	< 10	300□	1000	1000 25a*	200	RCA	□ 250 V a base aperta. - * 5000/25c.
n S D C 77	2 N 3441	20...80/500	—	1	—	140	3000	25 W 25c	200	RCA	

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I_C (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_J o T_A (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
n S D C 87	2 N 3442	20...70/3000	—	0,8	—	140	10 A	117 W 25c	200	RCA	
n S — HC 45	2 N 3444	20...60/500	—	> 175	—	50e	1000	1000 25a	200	Moto	$V_{CBM} = 80$ V.
n S — P 75 6	2 N 3445, 6*	20...60/3000	—	> 10	—	60e	7500	117 W 25c	200	Moto	* $V_{CEM} = 80$ V, $V_{CBM} = 100$ V.
n S — P 85 6	2 N 3447, 8*	40...120 5000	—	10	260	60e	7500	115 W 25c	200	Moto	* $V_{CEM} = 80$ V.
p G A D P 55	2 N 3461	> 20/1000	—	—	—	60	3000	5000 25c	110	Sol	$f_b = 10$ kHz.
p S PE HC 44	2 N 3467	40...120/500	—	> 175	—	40	1000	1000 25a	200	Moto	$\beta > 40$ a $I_C = 1$ A.
p S PE HC 45	2 N 3468	25...75 500	—	> 150	—	50	1000	1000 25a	200	Moto	$\beta > 25$ a $I_C = 1$ A.
n S — P 85...8	2 N 3470...7	(*)	—	0,5	—	(*)	10 A	150 W 75c	150	Wh	(*) Id. a 2 N 2226...33, rispett.
n S PE UH 32	2 N 3478	25...150/2	5*	900	< 2	15e	—	200 25a	200	RCA	$V_{CBM} = 30$ V. - * A 470 MHz. GP = 12 dB.
p S PE HC 35	2 N 3485, A	40...120/150	—	> 200	< 8	60	600	400/25a	200	Moto	
p S PE HC 35	2 N 3486, A	100...300/150	—	> 200	< 8	60	600	400/25a	200	Moto	
n S — P 85 6	2 N 3487, 8*	20...60/3000	—	> 10	—	60e	7500	117 W/25c	200	Moto	* $V_{CEM} = 80$ V, $V_{CBM} = 100$ V.
n S — P 87	2 N 3489	15...45/3000	—	> 10	—	100e	7500	117 W/25c	200	Moto	$V_{CBM} = 120$ V.
n S — P 85 6	2 N 3490, 1*	40...120/5000	—	> 10	—	60e	7500	117 W/25c	200	Moto	* $V_{CEM} = 80$ V, $V_{CBM} = 100$ V.
n S — P 87	2 N 3492	30...90/5000	—	> 10	—	100e	7500	117 W/25c	200	Moto	$V_{CBM} = 120$ V.
p S PE HC 36	2 N 3494	> 40/10	—	> 200	< 7	80	100	600/25a	200	Moto	
p S PE HC 37	2 N 3495	> 40/10	—	> 150	< 6	120	100	600/25a	200	Moto	
p S PE HC 26	2 N 3496	> 40/10	—	> 200	< 7	80	100	400/25a	200	Moto	
p S PE HC 27	2 N 3497	> 40/10	—	> 150	< 6	120	100	400/25a	200	Moto	
n S PE HC 47	2 N 3498, 9*	40...120/150	—	> 150	< 10	100	500	1000/25a	200	Moto	* $\beta = 100...300$.
n S PE HC 47	2 N 3500, 1*	40...120/150	—	> 150	< 10	150	500	1000/25a	200	Moto	* $\beta = 100...300$.
p S PE VH 45	2 N 3502, 3*	115...300/50 70 (> 50)*500	1□ < 4□	250 > 200	4,5 < 8	45 60*	500	700/25a 3000 25c	200	Fair	□ $I_C = 30 \mu A$, $V_{CE} = 5$ V. $f = 1$ kHz, $R_d = 10$ kΩ. ▲ 120 (> 80) a $I_C = 10 \mu A$.
p S PE VH 35	2 N 3504, 5*	115...300/50 70 (> 50)*500	1□ < 4□	250 > 200	4,5 < 8	45 60*	500	400/25a 1300/25c	200	Fair	□ $I_C = 30 \mu A$, $V_{CE} = 5$ V. $f = 1$ kHz, $R_d = 10$ kΩ. ▲ 120 (> 80) a $I_C = 10 \mu A$.
n S PE HC 44	2 N 3506	40...200/1500	—	> 60	—	40e	3000	1000 25a	200	Moto	$V_{CBM} = 60$ V.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c ($^{\circ}C$)	T_{jm} ($^{\circ}C$)	Fabbri- cante	Osservazioni
n S PE HC 45	2 N 3507	30...150/1500	—	> 60	—	50e	3000	1000/25a	200	Moto	$V_{CBM} = 80$ V.
n S PE HC 32	2 N 3510	25...120/150	—	350	4	10e	500	360/25a	200	Moto	$V_{CBM} = 40$ V.
n S PE HC 32	2 N 3511	30...120/150	—	450	—	15e	500	360/25a	200	Moto	$V_{CBM} = 40$ V.
n S PE HC 44	2 N 3512	> 10/500	—	375	< 10	35e	—	800/25a	200	RCA	$V_{CBM}=60$ V. - $t_s=17$ (<30)ns a 150 mA.
p S PE BF 34	2 N 3527	25...75/0,1 μ A	—	10	< 10	30	100	400/25a	200	Crys	$\beta = 100$...400 a $I_c = 1$ mA.
n S PE HF 85	2 N 3543	10...80/4500	—	150	< 100	60	5000	60 W/25c	175	TRW	20 W usc. a 30 MHz, 28 V alim.
n S PE UH 33	2 N 3544	> 25/10	—	900	< 2,5	25	100	300/25a	175	Moto	Osc., 16 mW usc. a 1 GHz.
p S PE HC 32	2 N 3546	30...120/10	—	> 700	< 6	12e	200	360/25a	200	Moto	$V_{CBM} = 15$ V.
n S PE P 75/6	2 N 3551, 2*	20...90/10 A	—	> 40	—	60e	12 A	40 W/100c	175	TI	* $V_{CEM} = 80$ V.
n S PE VH 66	2 N 3553	—	—	500	< 10	65	1000	7000/25c	200	RCA	2,5 W uscita a 175 MHz.
n S PE HF 44	2 N 3554	25...100/750	—	> 150	—	30e	1200	800/25a	200	TI	$t_s = 65$ ns a $I_c = 1$ A.
n S PE VH 32	2 N 3563	20...200/8	4*	> 600	< 1,7	15e	—	200/25a	125	Fair	* A 60 MHz. - PG = 14 dB 200 MHz.
n S PE HF 32	2 N 3564	20...500/15	—	> 400	< 3,5	15e	—	200/25a	125	Fair	PG > 10 dB a 30 MHz.
n S PE C 34	2 N 3566, 7*	150...600/10	—	> 40	< 25	30e	200	300/25a	125	Fair	* $\beta = 40$...120/150, $V_{CEM} = 40$ V.
n S PE C 35/4	2 N 3568, 9*	40...120/150	—	> 60	< 20	60e	500	300/25a	125	Fair	* $\beta = 100$...300, $V_{CEM} = 40$ V.
n S PE UH 32	2 N 3570	20...150/5	—	> 1500	—	15e	50	200/25a	200	TI	$V_{CBM} = 30$ V.
n S PE VH 32	2 N 3571, 2*	20...200/5	—	> 1200	—	15e	50	200/25a	200	TI	* $\beta = 20$...300, $f_t > 1$ GHz.
n S PE HC 32	2 N 3576	40...120/10	—	> 400	—	15e	200	360/25a	200	TI	$t_s = 30$ ns a $I_c = 10$ mA.
p S PI HF 35	2 N 3579, 80*	30...150/1	—	100	< 6	60e	—	400/25a	200	Sol	$V_{CBM} = 80$ V. - * $\beta = 60$...300.
p S PI HF 34	2 N 3581, 2*	80...200/0,1	—	120	< 6	40e	—	400/25a	200	Sol	$V_{CBM} = 50$ V. - * $\beta = 100$...400.
n S D HC 78	2 N 3583	> 40/100	—	> 100	< 120	175e	5000	20 W/100c	200	RCA	$V_{CBM} = 250$ V, $\beta > 10$ a $I_c = 1$ A.
n S D HC 79	2 N 3584, 5*	25...100/1000	—	> 100	< 120	250e	5000	20 W/100c	200	RCA	* $V_{CEM}=300$ V, $V_{CBM}=500$ V.
n S PE VH 32	2 N 3600	40...200/2	< 4,5*	> 850	< 1,7	15e	—	200/25a	200	RCA	$V_{CBM} = 30$ V. - * A 200 MHz, GP > 17 dB.
n S PE C 32	2 N 3605, 6, 7	> 30/10	—	300	< 6	14e 18b	200	200/25a 120/55a	100	Sesc	$t_s = 20$ ns (2 N 3605), = 30 ns (3606), = 45 ns (3607). - Piano epox.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c ($^{\circ}C$)	T_{jm} ($^{\circ}C$)	Fabbri- cante	Osservazioni
p G Al P 84	2 N 3611	35 ... 70/3000	—	> 0,7	—	30e	7000	85 W/25c	110	Moto	$V_{CBM} = 40$ V. $V_{CBM} = 60$ V. $V_{CBM} = 40$ e * 60 V. * $V_{CEM} = 45$ V. $V_{CBM} = 80$ e * 100 V. * $V_{CEM} = 75$ V. $V_{CBM} = 80$ e * 100 V. * $V_{CEM} = 75$ V.
p G Al P 85	2 N 3612	35 ... 70/3000	—	> 0,7	—	45e	7000	85 W/25c	110	Moto	
p G Al P 84 5	2 N 3613, 4*	60 ... 120/3000	—	> 0,7	—	30e	7000	85 W/25c	110	Moto	
p G Al P 85 6	2 N 3615, 6*	35 ... 70/3000	—	> 0,7	—	60e	7000	85 W/25c	110	Moto	
p G Al P 85 6	2 N 3617, 8*	60 ... 120/3000	—	> 0,7	—	60e	7000	85 W/25c	110	Moto	
n S PI HF 64	2 N 3619, 20*	> 40/1000	—	> 200	—	40e	2500	7500/25c	175	Sol	$V_{CBM} = 75$ V. - * $I_{CM} = 5$ A ($\beta > 30$). $V_{CBM} = 75$ V. (*) Id. a 2 N 3619...22, rispett. $V_{CBM} = 100$ V. - * $I_{CM} = 5$ A. con $\beta > 30$. $V_{CBM} = 100$ V. - * Coll. iso- lato dalla custodia.
n S PI HF 64	2 N 3621, 2	> 40/5000	—	> 200	—	40e	10 A	15 W/25c	175	Sol	
n S PI HF 64	2 N 3623, 6	(*)	—	> 200	—	40e	(*)	(*)	175	Sol	
n S PE HF 65	2 N 3627, 8*	> 40/1000	—	> 200	< 50	50e	2500	7500/25c	175	Sol	
n S PE HF 65	2 N 3629, 30*	> 40/5000	—	> 200	< 50	50e	10 A	20 W/25c	175	Sol	
n S PE VH 76	2 N 3632	—	—	400	< 6	65*	3000	23 W/25c	200	RCA	10 W uscita a 260 MHz. - * 40 V a base aperta.
n S PE HC 31	2 N 3633	25 ... 150/10	—	> 1300	< 2,5	6e	50	300/25a	200	Tran	$V_{CBM} = 15$ V, $t_s < 5$ ns.
p S — HC 47	2 N 3634	50 ... 150/50	—	> 150	< 10	140	1000	1000/25a	200	Moto	
p S — HC 47	2 N 3635	100 ... 300/50	—	> 200	< 10	140	1000	1000/25a	200	Moto	
p S — HC 48	2 N 3636	50 ... 150/50	—	> 150	< 10	175	1000	1000/25a	200	Moto	
p S — HC 48	2 N 3637	100 ... 300/50	—	> 200	< 10	175	1000	1000/25a	200	Moto	
p S — C 33	2 N 3638, A*	> 30/50	—	> 100	< 10	25	500	300/25a	125	Fair	* $\beta > 100$, $f_t > 150$ MHz. $t_s < 50$ ns a 10 mA. * $V_{CEM} = 45$ V. - $t_f = 80$ ns. $t_f = 80$ ns. $t_f < 100$ ns. - * $V_{CEM} = 60$ V. $t_s = 18$ ns a 10 mA.
p S — HC 32	2 N 3640	30 ... 120/10	—	> 500	< 3,5	12e	80	300/25a	125	Fair	
n S — HC 34 5	2 N 3641, 2*	40 ... 120/150	—	> 250	< 8	30e	500	350/25a	125	Fair	
p S — HC 34	2 N 3643	100 ... 300/150	—	> 250	< 8	30e	500	350/25a	125	Fair	
p S — C 35	2 N 3644, 5*	115 ... 300/50	—	> 200	< 8	45e	500	300/25a	125	Fair	
n S — HC 32	2 N 3646	30 ... 120/30	—	> 350	< 5	15e	500	200/25a	125	Fair	
n S PE HC 32	2 N 3647	25 ... 150/150	—	> 350	< 4	10e	500	400/25a	200	Moto	$V_{CBM} = 40$ V. $V_{CBM} = 40$ V.
n S PE HC 32	2 N 3648	30 ... 120/150	—	> 450	< 4	15e	500	400/25a	200	Moto	
p S — C 44	2 N 3660	25 ... 100/500*	—	> 25	275	30e□	—	600/100a	200	Tran	* > 15/50 ... 1500. - □ 40b. $P_{DM} = 5000/100c$.
p S — C 45	2 N 3661	25 ... 100/500*	—	> 25	275	50e□	—	600/100a	200	Tran	* > 15/50 ... 1500. - □ 40b. $P_{DM} = 5000/100c$.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{cm} (V)	I_{cm} (mA)	P_{DM} (mW) / a T_o T_c ($^{\circ}C$)	T_{jm} ($^{\circ}C$)	Fabbri- cante	Osservazioni
n S PE UH 32	2 N 3662, 3*	20 75 8	40 < 6,5	1200	> 0,8 < 1,7	12e 18b	25	200/25a 120/55a	100	Sesc	$\square$ A 60 MHz. - GP = 16 e * 19 dB a 200 MHz. - 11,5 W uscita a 940 MHz. - * V_{CBM} = 30 V.
n S PE VH 55	2 N 3664	8 50 250	-	> 300	< 6	60	500	5000/25c	200	Moto	2,2 W/250 MHz, GP > 7,4 dB.
n S PI HF 56	2 N 3665, 6*	40 120 150	-	> 60	12	80e	1000	5000/25c	200	Tran	V_{CBM} = 120 V. - * β = 100... 300.
p S PE C 33	2 N 3677	8 (4) 1	-	> 5	< 10	20e	100	400/25a	200	Crys	p_{sat} < 8 Ω , V_{EBM} = 30 V.
n S PI DD 45	2 N 3680	80 1 A*	< 3	> 60	< 6	50e	30	600/25a	200	TI	ΔV_{BE} < 3 mV. - * > 300/1.
n S — VH 32	2 N 3683	30 8	< 4*	1000	< 1	12e	30	200/25a	200	Kmc	* A 200 MHz.
p S PE BF 33	2 N 3702	60 300 50	-	> 100	< 12	25e	200	300/25a	150	TI	V_{CBM} = 40 V.
p S PE BF 33	2 N 3703	30 150 50	-	> 100	< 12	30e	200	300/25a	150	TI	V_{CBM} = 50 V.
n S PE BF 34	2 N 3704, 5*	100 300 50	-	> 100	< 12	30e	800	360/25a	150	TI	V_{CBM} = 50 V. - * β = 50...150.
n S PE BF 33	2 N 3706	30 600 50	-	100	< 12	20e	800	360/25a	150	TI	V_{CBM} = 40 V.
n S PI BF 34	2 N 3707	100 500 0,1	1,9*	-	-	30	30	250/25a	150	TI	* A I_c = 0,1 mA; V_{CE} = 5 V.
n S PI BF 34	2 N 3708, 9*	45 800 1	-	-	-	30	30	250/25a	150	TI	* β = 45...165.
n S PI BF 34	2 N 3710, 1*	90 330 1	-	-	-	30	30	250/25a	150	TI	* β = 180...800.
n S PE HF 47	2 N 3712	30 150 30	-	> 40	< 9	150	200	800/25a	200	TI	Uscita video. P_d = 5 W a 25 $^{\circ}C$ sulla custodia.
n S — P 85 6	2 N 3713, 4*	25 90 1000	-	> 4	-	60e	10 A	150 W/25c	200	Moto	* V_{CEM} = 80 V, V_{CBM} = 100 V.
n S — P 85 6	2 N 3715, 6*	50 150 1000	-	> 4	-	60e	10 A	150 W/25c	200	Moto	* V_{CEM} = 80 V, V_{CBM} = 100 V.
p S — P 64 5	2 N 3719, 20*	25 180 1000	-	> 60	-	40	3000	6000/25c	200	Moto	V_{sat} < 1,5 V a I_c = 3 A. * V_{CM} = 60 V.
n S PI HC 45	2 N 3722	> 25 10	-	> 300	< 10	60e	500	800/25a	200	Fair	V_{CBM} = 80 V.
n S PI HC 46	2 N 3723	> 25 10	-	> 300	< 9	80e	500	800/25a	200	Fair	V_{CBM} = 100 V.
n S PI HC 44	2 N 3724	> 60 100	-	> 300	< 12	30e	500	800/25e	200	Fair	V_{CBM} = 50 V.
n S PI HC 45	2 N 3725	> 60 100	-	> 300	< 10	50e	500	800/25a	200	Fair	V_{CBM} = 80 V.
p G ADC 68	2 N 3730	-	-	-	-	200b	3000	10 W/55c	85	RCA	{ Deflessione orizzont. TV. * V_{CBM} = 100 V, I_{CM} = 3 A, P_{DM} = 3 W.
p G ADC 59 7	2 N 3731, 2*	-	-	-	-	320b	10 A	5000/55c	85	RCA	

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_j o T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
n S PE VH 76	2 N 3733	—	—	400	< 20	65	3000	23 W/25c	200	RCA	14 W uscita a 260 MHz, > 10 W a 400 MHz.
n S PE HC 44	2 N 3734, 5*	30...120/1000	—	> 250	—	30e	1500	1000/25a	200	Moto	VCBM = 50 V. . * β = 20...80. VCBM = 75 V. . * β = 20...80.
n S PE HC 34	2 N 3736, 7*	30...120/1000	—	> 250	< 9	40e	1500	500/25a	200	Moto	
n S — P 78/9	2 N 3738, 9*	40...200/100	—	> 15	—	225e	500	20 W/25c	175	Moto	* V_{CEM} = 300 V, V_{CBM} = 325 V. * V_{CM} = 80 V.
p S — P 75/6	2 N 3740, 1*	30...100/250	—	> 4	—	68	1000	25 W/25c	200	Moto	
n S PE HF 49	2 N 3742	20...200/30	—	35	< 6	300	50	1000/25a	200	Moto	Complementari
p S PE HF 49	2 N 3743	25...250/30	—	35	< 15	300	50	1000/25a	200	Moto	
n S PI P 74/5	2 N 3744, 5*	20...60/1000	—	> 30	< 150	40e	5000	30 W/100c	200	Spra	* V_{CEM} = 60 V. * > 10/10...5000. (*) Vedi 2 N 3744...6, rispett. (*) Vedi 2 N 3744...6, rispett.
n S PI P 76	2 N 3746	20...60/1000*	—	> 30	< 150	80e	5000	30 W/100c	200	Spra	
n S PI P 74/6	2 N 3747, 8, 9	40...120/1000	—	> 40	< 150	(*)	5000	30 W/100c	200	Spra	
n S PI P 74/6	2 N 3750, 1, 2	100...300/1000	—	> 50	< 150	(*)	5000	30 W/100c	200	Spra	
p S PE HC 44	2 N 3762	30...120/1000	—	> 180	—	40	1500	1000/25a	200	Moto	
p S PE HC 45	2 N 3763	20...80/1000	—	> 150	—	60	1500	1000/25a	200	Moto	
p S PE HC 34	2 N 3764	30...120/1000	—	> 180	—	40	1500	500/25a	200	Moto	
p S PE HC 35	2 N 3765	20...80/1000	—	> 150	—	60	1500	500/25a	200	Moto	
n S — P 75/6	2 N 3766, 7*	40...160/500	—	> 15	—	60e	1000	20 W/25c	175	Moto	
n S — P 85	2 N 3771	15...60/15 A	—	1,8	—	50*	30 A	150 W/25c	200	RCA	* V_{CEM} = 80 V, V_{CBM} = 100 V. * 40 V a base aperta.
n S — P 87	2 N 3772	15...60/10 A	—	1,6	—	100*	30 A	150 W/25c	200	RCA	* 60 V a base aperta.
n S — P 88	2 N 3773	15...60/8000	—	1,6	—	160*	30 A	150 W/25c	200	RCA	* 140 V a base aperta.
p S — C 54/5	2 N 3774, 5*	20...60/200	—	> 1	—	40	1000	5000/100c	200	Crys	* V_{CM} = 60 V. * V_{CM} = 100 V. (*) Vedi 2 N 3774...76. tr < 3 μ s.
p S — C 56/7	2 N 3776, 7*	20...60/200	—	> 1	—	80	1000	5000/100c	200	Crys	
p S — C 54...7	2 N 3778...81	10...40/200	—	> 1	—	(*)	1000	5000/100c	200	Crys	
p S — C 54	2 N 3782	10...60/1000	—	> 1	—	40	3000	5000/100c	200	Crys	
p G Me VH 24	2 N 3783□	> 20/3	< 2,2*	> 800	< 1	30	20	150/25a	100	Moto	*A 200 MHz. - □ F_b < 6,5 dB a 1 GHz, GP = 18...33 dB a 200 MHz.
p G Me VH 24	2 N 3784	> 20/30	< 2,5*	> 800	< 1	30	20	150/25a	100	Moto	
p G Me VH 22	2 N 3785	> 15/3	< 2,9*	> 800	< 1,2	15	20	150/25a	100	Moto	
p S — P 85/6	2 N 3789, 90*	25...90/1000	—	> 4	—	60	10 A	150 W/25c	200	Moto	* V_{CM} = 80 V.
p S — P 85/6	2 N 3791, 2*	50...150/1000	—	> 4	—	60	10 A	150 W/25c	200	Moto	* V_{CM} = 80 V.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_c o T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
n S — BF 33	2 N 3793, 4*	20...120/10	—	> 100	< 10	20e ¹²	500	250/25a	125	NS	* $\beta = 100...600$. - $\square$ 40b
p S PE HF 35	2 N 3798, 9*	150...450/10	3,5	> 100	< 10	60	50	360/25a	200	Moto	* $\beta = 300...900$; $F_b = 2,5$ dB.
p S P DD 35	2 N 3800, 1*, 2, 3*, 4, 5*, 6, 7*, 8, 9*, 10, 11*, 12, 13*, 14, 15*, 16, 17*	150...450/0,1 > 100/0,01	1,5 < 3	> 100 < 500	< 4	60	50	250/25a 500/25a ^A	200	Moto	* $\beta = 300, 900/0,1$ e > 75/1 μ A. * $F_b = 0,8$ (< 1,5) dB a 1 kHz. ▲ 2 N 3806...11. - $\triangle$ $\beta = 20\%$ per 2 N 3802, 3, 8, 9, 14, 15. e 10% per 2 N 3804, 5, 10, 11, 16, 17.
n S PE HF 75	2 N 3818	5...50/400	—	—	< 40	60	2000	25 W/25c	175	Moto	15 W uscita a 100 MHz, GP 7 dB.
n S PE HF 32	2 N 3825	> 20/2	5,5	> 200	2,5	15e	100	250/25a	150	TI	$V_{CBM} = 30$ V.
n S PE VH 34	2 N 3828	30...200/12	—	> 360	2,5	40	100	300/25a	150	TI	
p S PE HC 34	2 N 3829	30...120/30*	—	> 350	< 6	35	500	360/25a	200	TI	* > 25/10...100. - $t_s < 50$ ns.
n S PE HC 45 4	2 N 3830, 1*	> 25/1000	—	> 200	< 12	50e	1200	1000/25a	200	TI	* $V_{CEM} = 40$ V. - $tr < 50$ ns.
n S PE UH 32	2 N 3839	30...150/3	< 4*	> 1000	< 1	15e	40	200/25a	200	RCA	* A 450 MHz, GP > 12,5 dB.
p S Al BF 35	2 N 3840	> 50/1	—	> 6	—	50	100	400/25a	200	Crys	
n S PE HF 34	2 N 3843 A	20...40/2	—	135	< 4	30	100	200/25a	100	GE	{ Amplif. < 2 MHz, basso rumore. - Piano epox.
n S PE HF 34	2 N 3844 A	35...70/2	—	135	< 4	30	100	200/25a	100	GE	
n S PE HF 34	2 N 3845 A	60...120/2	—	135	< 4	30	100	200/25a	100	GE	
n S Me P 88 9	2 N 3846, 7 $\square$	40...200/5000*	—	> 10	< 750	200e	20 A	150 W/25c	175	TI	$\square$ $V_{CEM} = 300$ V. - * > 10/10 A
n S PE P 99	2 N 3848, 9*	10...60/15 A	—	> 10	—	300e	20 A	250 W/25c	175	Tran	* $V_{CEM} = 400$ V.
n S PE VH 33/4	2 N 3854, A*	35...70/2	—	250	< 3,5	18	100	200/25a	100	GE	* $V_{CM} = 30$ V. - Piano epox.
n S PE VH 33/4	2 N 3855, A*	60...120/2	—	300	< 3,5	18	100	200/25a	100	GE	* $V_{CM} = 30$ V. - Piano epox.
n S PE VH 33/4	2 N 3856, A*	100...200/2	—	350	< 3,5	18	100	200/25a	100	GE	* $V_{CM} = 30$ V. - Piano epox.
n S PE HF 33	2 N 3858, 9*	60...120/2	—	135	2,5	30	100	200/25a	100	GE	Amplif. < 2 MHz. - * $\beta = 100$...200. Ampl. 470 MHz. - Piano epox.
n S PE HF 33	2 N 3860	150...300/2	—	135	2,5	30	100	200/25a	100	GE	
n S PI HC 43	2 N 3862	50...150/10	—	600	< 4	20e	—	680/100c	200	Tran	$V_{CBM} = 50$ V. - $t_s < 10$ ns a $I_c = 0,2$ A.
n S PE VH 55	2 N 3866	—	—	800	< 3	55	400	5000/25c	200	RCA	1,5 W uscita a 250 MHz.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_C (mA)	F_L (dB)	f_t (MHz)	C_{cb} (pF)	V_{CEM} (V)	I_{CM} (mA)	P_{DM} (mW) / a $T_{s o}$ T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
n S P I C 36	2 N 3877, A*	20...250/2	—	—	—	70e	—	360/25a	150	Spra	* $V_{CEM}=85$ V. - Cust. plastic.
n S P E P 76	2 N 3878, 9*	50...200/500	—	> 40	< 175	65e	10 A	35 W/25c	200	RCA	$V_{CEM}=120$ V. - * $V_{CEM}=90$ V. $\beta > 40$.
n S — UH 32	2 N 3880	> 50/3	3,5*	1200	1	15e	—	200/25a	200	Kmc	* A 450 MHz.
p G Me HC 42	2 N 3883	> 30/200	—	300	< 8	13e	250	300/25a	100	Moto	$V_{CBM} = 25$ V.
n S P I B F 33	2 N 3900, A*	250...500/2	1,9	120	< 12	18e	—	360/25a	150	Spra	* $F_b < 5$ dB. - Cust. plastica.
n S — P 89	2 N 3902	30...90/1000	—	4	—	400e*	3500	100 W/25c	200	Delc	* 700b. - $V_{sat} = 0,8$ V a 1 A.
n S P E HC 34	2 N 3903, 4*	50...150/10	—	> 250	< 4	40e	200	310/25a	140	Moto	* $\beta = 100...300$, $f_t > 300$ MHz.
p S P E HC 34	2 N 3905, 6*	50...150/10	—	> 200	< 4,5	40	200	310/25a	140	Moto	* $\beta = 100...300$, $f_t > 250$ MHz.
p S P E C 35	2 N 3910, 13*	40...160/1	—	> 4	< 8	50e□	200	500/25a	200	Crys	* $P_{DM} = 400$ mW. - □ 60b.
p S P E C 34	2 N 3911, 14*	60...240/1	—	> 8	< 8	40e□	200	500/25a	200	Crys	* $P_{DM} = 400$ mW. - □ 60b.
p S P E C 34	2 N 3912, 15*	90/1	—	> 10	< 8	30e	200	500/25a	200	Crys	* $P_{DM} = 400$ mW. - $t_s < 300$ ns.
n S — VH 63	2 N 3924, 5*	—	—	500	< 20	18e	500	7000/25c	200	Moto	$V_{CBM} = 36$ V. - 4 e * 5 W uscita a 175 MHz.
n S — VH 63	2 N 3926	—	—	500	< 20	18e	1500	11 W/25c	200	Moto	$V_{CBM} = 36$ V. - 7 W uscita a 175 MHz.
n S — VH 74	2 N 3927	—	—	500	< 45	36b	3000	25 W/25c	200	Moto	$V_{CBM} = 36$ V. - 12 W uscita a 175 MHz.
n S P E VH 33	2 N 3932	40...150/2	4,5*	> 750	< 0,6	20e	—	175/25a	175	RCA	$V_{CBM} = 30$ V. - * A 200 MHz. GP > 11 dB.
n S P E VH 34	2 N 3933	60...200/2	4*	> 750	< 0,6	30e	—	175/25a	175	RCA	$V_{CBM} = 40$ V. - * A 200 MHz. GP > 14 dB.
n S P I H F 55	2 N 3945	40...250/150	—	60	12	50e	—	5000/25c	200	Tran	$V_{CBM} = 70$ V.
n S P E HC 34	2 N 3946, 7*	50...150/10	—	> 250	< 4	40e	200	360/25a	200	Moto	* $\beta < 100...300$, $f_t > 300$ MHz.
n S P I VH 43	2 N 3948	> 15/50	—	> 700	< 4,5	20e	400	1000/25a	200	Moto	1 W uscita a 400 MHz.
n S — VH 84	2 N 3950	—	—	150	80	35e	3300	70 W/25c	200	Moto	50 W/50 MHz, GP > 8 dB sot- to 28 V.
n S — UH 32	2 N 3953	> 40/2	3*	1300	< 1	15b	30	200/25a	200	Kmc	* A 450 MHz.
n S P E HC 42	2 N 3959, 60*	40...200/10	—	> 1300	< 2,5	12e	—	750/25a	200	Moto	$V_{CBM} = 20$ V. - $f_t > 1,6$ GHz.
n S — VH 64	2 N 3961	—	—	400	< 12	40e	1000	10 W/25c	200	Moto	$V_{CBM} = 65$ V. - 4 W uscita a 175 MHz.
p S P I B F 35/6	2 N 3962, 3*	100...300/0,01□	< 3	> 40	< 6	60	200	360/25a	200	TI	* $V_{CM} = 80$ V. - □ > 60/1 μ A.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c ($^{\circ}C$)	T_{JM} ($^{\circ}C$)	Fabbri- cante	Osservazioni
p S PI BF 35	2 N 3964, 5*	250...500 0,01□	< 2	> 50	< 6	45	200	360/25a	200	TI	* $V_{CM} = 60$ V. - □ > 180/1 μA .
n S PI C 34	2 N 3973, 4*, 5, 6*	35...100/10	—	> 200	< 7	30	150	360/25a	150	Spra	* $\beta = 55$,...200. - $t_f < 110$ ns. e < 250 ns per 2 N 3975, 6.
p S AI C 32 3 p S AI C 34	2 N 3977, 8* 2 N 3979	> 40/1 > 20/1	— —	> 1 > 1	< 14 < 14	15b 40b	100 100	400/25a 400/25a	200 200	Spra Spra	* $V_{CBM} = 25$ V, $\beta > 30$.
n S PE P 76 n S PE P 76	2 N 3996*, 8 2 N 3997*, 9	40...120/1000□ 80...240/1000□	— —	> 40 > 40	< 150 < 150	80e 80e	5000 5000	30 W/100c 30 W/100c	200 200	TI TI	□ > 15/5000. } * Collettore. □ > 20/5000. } isolato d. cust.
n S PE C 46/7 n S PE P 86/7	2 N 4000, 1* 2 N 4002, 3*	35...120/500 20...80/15 A□	— —	> 40 > 30	< 60 —	80e 80e	1000 30 A	1000/25c□ 150 W/25c	200 200	TI TI	* $V_{CEM} = 100$ V. - □ 15 W/100c * $V_{CEM} = 100$ V. - □ > 10/30.
p S PE C 31 p S PE C 32 p S PE C 34	2 N 4006, 9* 2 N 4007, 10* 2 N 4008, 11*	> 40/1 > 30/1 > 20/1	— — —	> 20 > 15 > 15	< 10 < 10 < 10	6e 15e 30e	100 100 100	400/25c 400/25a 400/25a	200 200 200	Crys Crys Crys	$\rho_{sat} < 4 \Omega$. * Forn. in coppie. } $\rho_{sat} < 6 \Omega$. - $V_{BEM} = V_{CEM}$. } - * Fornito in coppie.
n S PE UH 66	2 N 4012	—	—	500	< 10	65	1500	12 W 25c	200	RCA	3 W uscita a 800 MHz, in duplicatore.
n S — HC 34/5	2 N 4013, 4*	50...150/100	—	> 300	< 10	30e	500	360/25a	200	Fair	$V_{CBM} = 50$ e * 80 V, * $V_{CEM} = 50$ V.
p S — HC 35/6 p S — HC 35/6 p S — HC 45/6 p S — HC 34	2 N 4026, 7* 2 N 4028, 9* 2 N 4030... 3 2 N 4034, 5*	> 30/0,1 > 75/0,1 (*) > 50/1	— — — < 8	> 100 > 150 (*) > 400	< 20 < 20 < 20 —	60 60 (*) 40	1000 1000 1000 100	500/25a 500/25a 500/25a 360/25a	200 200 200 200	Fair Fair Fair Fair	* $V_{CM} = 80$ V. * $V_{CM} = 80$ V. (*) Vedi 2 N 4026...9, rispettz. * $\beta > 150$, $f_t > 450$ MHz.
p S PE HC 66	2 N 4036	40...140/150 > 20/0,1... 500	—	> 60	< 30	85e* 90b	1000	7000/25c 1000/25a	200	RCA	* 65 V a base aperta. - tr < 110 ns a $I_c = 150$ mA.
p S PE HF 65	2 N 4037	50...250/150	—	> 60	< 30	60*	1000	7000/25c□	200	RCA	* 40 V a base aperta. - □ 1000/25a.
n S — VH 64 n S — VH 74	2 N 4040 2 N 4041	10...80/100 10...80/75	— —	— —	< 15 < 8	40e 40e	1000 500	10 W/25c 17 W/25c	200 200	TRW TRW	$V_{CBM} = 60$ V, 8 W uscita a 400 MHz. $V_{CBM} = 60$ V, 3,3 W uscita a 400 MHz.
n S — DD 45	2 N 4044	200...600/0,01	< 2	> 150	0,8	60	10	750/25a	200	Amel	$\Delta V_{BE} < 3$ mV e < 3 $\mu V/^{\circ}C$.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c (°C)	T_{JM} (°C)	Fabbri- cante	Osservazioni
n S — DD 45	2 N 4045	150 ... 600 0,01	< 3	> 150	0,8	45	10	750/25a	200	Amel	$\Delta V_{BE} < 5$ mV e $< 5 \mu V/^\circ C$.
n S — HC 44/5	2 N 4046, 7*	50 ... 150/100	—	> 250	< 12	30e	500	800/25a	200	Fair	$V_{CBM} = 50$ e $* 80$ V. - * $V_{CEM} = 50$ V.
p G — P 94	2 N 4048	60 ... 120/15 A	—	—	—	30e	60 A	170 W/25c	100	Moto	$V_{CBM} = 45$ V.
p G — P 95	2 N 4049, 50*	60 ... 120/15 A	—	—	—	45e	60 A	170 W/25c	100	Moto	$V_{CBM} = 60$ e $* 75$ V. - * $V_{CEM} = 60$ V.
p G — P 94	2 N 4051	80 ... 180/15 A	—	—	—	30e	60 A	170 W/25c	100	Moto	$V_{CBM} = 45$ V.
p G — P 95	2 N 4052, 3*	80 ... 180/15 A	—	—	—	45e	60 A	170 W/25c	100	Moto	$V_{CBM} = 60$ e $* 75$ V. - * $V_{CEM} = 60$ V.
p S PE BF 34	2 N 4058	100 ... 400 0,1	< 5	—	—	30	30	360/25a	150	TI	
p S PE BF 34	2 N 4059, 60*	45 ... 660/1	—	—	—	30	30	360/25a	150	TI	* $\beta = 45$... 165.
p S PE BF 34	2 N 4061, 2*	90 ... 330/1	—	—	—	30	30	360/25a	150	TI	* $\beta = 180$... 660.
n S — C 68 9	2 N 4063, 4*	40 ... 160/20	—	> 15	< 10	350e	1000	10 W/25c	200	RCA	* $V_{CEM} = 350$ V.
n S — C 47	2 N 4068, 9*	70 (> 30)/30	—	100	—	150e	200	500/25a	175	RCA	* $P_{DM} = 1$ W, a $25^\circ C$ amb.
n S — P 87	2 N 4070, 1*	40 ... 120/5000	—	60	—	100e	10 A	65 W/100c	200	Sol	* $V_{CEM} = 150$ V.
n S PI VH 33	2 N 4072, 3	> 10/25	—	550	3	20e	100	350/25a	200	Moto	GP = 10 dB a 175 MHz, 0,5 W uscita.
n S PE BF 34	2 N 4074	75 ... 300/10	—	> 50	12	40	300	400/55a*	175	RCA	* 2000/75c. - $\beta = 140$ a $I_c = 100$ mA.
n S PE C 76	2 N 4075, 6*	30 ... 90/1000	—	> 30	—	80e	3000	17 W/100c	200	Fair	$V_{CBM} = 100$ V. - * $\beta = 50$... 150.
n S PI DD 45	2 N 4100	150 ... 600/0,01	3	> 15*	0,8	55	10	500/25a	200	Amel	* $A_{Ic} = 10 \mu A$. - $\Delta \beta < 15\%$, $\Delta V_{BE} < 5$ mV.
p S — BF 34	2 N 4121, 2*	70 ... 200/10	4	450	4,5	40	100	200/25a	125	NS	* $\beta = 150$... 300/10, > 100/0,1.
n S PI HC 34/3	2 N 4123, 4*	50 ... 150/2	—	250	< 4	30e	200	310/25a	135	Moto	Complementari. - * $V_{CEM} = 25$ V, $\beta = 120$... 360.
p S PI HC 34/3	2 N 4125, 6*			200	< 4,5						
n S — VH 74	2 N 4127, 8*	10 ... 80/200	—	250	—	40e	2000	25 W/25a	200	TRW	* $I_{CM} = 4$ A, $P_D = 40$ W. - 14
n S — C 34	2 N 4138	> 50/1	—	> 20	< 12	30	100	300/25a	175	TI	e * 24 W uscita a 175 MHz.
n S — BF 34	2 N 4140, 1*	40 ... 150/150	—	> 250	< 8	30e	200	300/25a	125	NS	* $\beta = 100$... 300. } Comple-
p S — BF 34	2 N 4142, 3*	40 ... 120/150	—	> 200	< 8	40e	200	300/25a	125	NS	* $\beta = 100$... 300. } mentari.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DRI} (mW) / a T_a o T_c ($^{\circ}C$)	T_{JM} ($^{\circ}C$)	I Fabbri- cante	Osservazioni
n S — P 56	2 N 4150	40...120/5000	—	> 15	—	80e	10 A	5000 100c	200	Sol	Custodia TO 5. - $V_{CBM} = 100$ V
n S PI P 85 6	2 N 4210, 1*	20...100/10 A	—	> 10	850	60e	20 A	100 W/100c	200	Tran	* $V_{CEM} = 80$ V.
p S — HF 34	2 N 4228	> 175/150	—	200	8	40e	—	300/25a	200	GI	$V_{CBM} = 60$ V.
n S — P 74	2 N 4231	> 20/500*	—	> 4	200	40e	3000	35 W/25c	200	Moto	* 25...100/1500, > 10/3000.
n S — P 75/6	2 N 4232, 3*	25...100/1500	—	> 4	200	60e	3000	35 W/25c	200	Moto	* $V_{CEM} = 80$ V.
p S — P 44 6	2 N 4234, 5*, 6□	30...150/250	—	> 3*	< 100	40	3000	1000/25a	200	Moto	Complementari. - $V_{CM} = * 60$
n S — P 44 6	2 N 4237, 8*, 9□	> 10 1000	—	> 3*	< 100	40	3000	6000/25c	200	Moto	e □ 80 V. - ▲ > 10 per n-p-n
p S D C 79	2 N 4240	30...150/750*	—	> 15	120	300e□	5000	35 W/25c	200	RCA	* > 40/100. - □ 500b.
p S — BF 34	2 N 4248	> 50/0,1	—	—	< 6	40	100	200/25a	125	Fair	
p S — BF 35/4	2 N 4249, 50*	100...300/0,1	< 3	—	< 6	60	100	200/25a	125	Fair	* $V_{CM} = 40$ V, $\beta > 250$, $F_b < 2$ dB.
n S — VH 33	2 N 4252, 3*	> 50/2	—	600	0,45	18e	50	200/25a	175	TI	$V_{CBM} = 30$ V. - * $\beta > 30$.
n S — HF 33	2 N 4254, 5*	> 50/2	—	200	0,65	18e	50	200/25a	175	TI	$V_{CBM} = 30$ V. - * $\beta > 30$.
n S PE UH 34	2 N 4259	70...280/2	< 5	> 750	0 35	30e	—	175/25a	175	RCA	* A 450 MHz, GP > 11,5 dB.
p S PI HC 32	2 N 4260, 1*	30...150/10	—	> 1600	< 2,5	15	30	200/25a	200	Moto	Complementari a 2 N 3959, 60
n S PI HC 32	2 N 4264, 5*	40...160/10	—	> 300	< 4	15e	200	210/25a	135	Moto	- tr < 1,2 ns. - * ft > 2 GHz. * $\beta > 100$, $V_{CEM} = 12$ V.
n S HC 32	2 N 4274, 5*	30...120/10	—	> 400	< 4	12e	100□	200/25a	125	NS	* $V_{CEM} = 15$ V. - □ $\beta > 18$.
p G — P 83	2 N 4276, 7*	60...120/15 A	—	—	—	20e	60 A	100 W/25c	110	Moto	$V_{CBM} = 30$ V. * $\beta = 80...180$.
p G — P 84	2 N 4278, 9*	60...120/15 A	—	—	—	30e	60 A	100 W/25c	110	Moto	$V_{CBM} = 45$ V. - * $\beta = 80...180$.
p G — P 85	2 N 4280, 1*	60...120/15 A	—	—	—	45e	60 A	100 W/25c	110	Moto	$V_{CBM} = 60$ V. - * $\beta = 80...180$.
p G — P 85	2 N 4282, 3*	60...120/15 A	—	—	—	60e	60 A	100 W/25c	110	Moto	$V_{CBM} = 75$ V. - * $\beta = 80...180$.
n S — BF 33/5	2 N 4286, 7*	150...600/1	—	> 40	< 6	25e	100	200/25a	125	NS	* $V_{CEM} = 45$ V, $F_b < 5$ dB.
p S — BF 33/5	2 N 4288, 9*	150...600/1	—	> 40	< 6	25e	100	200/25a	125	NS	* $V_{CEM} = 47$ V, $F_b < 4$ dB.
p S — BF 33/4	2 N 4290, 1*	50...300/100	—	> 100	< 10	20e	600	250/25a	125	NS	* $V_{CEM} = 30$ V, $\beta > 100$.
n S — HC 32	2 N 4294, 5	30...120/10	—	> 400	< 5	12e	100	250/25a	125	NS	tf < 20 e * 15 ns. - * $V_{CEM} = 15$ V.
n S — P 78	2 N 4296, 7*	50...150/50	—	> 20	—	250e	1000	20 W/25c	—	RCA	* $\beta = 75...300$. - $V_{CBM} = 350$ V.
n S — P 79	2 N 4298, 9*	25...75/50	—	> 20	—	350e	1000	20 W/25c	—	RCA	* $\beta = 50...150$. - $V_{CBM} = 500$ V.

Tecnologia e tabella di sostituzione	Tipo	Guad.di corrente / a _L (mA)	F _L (dB)	f _L (MHz)	C _{cb} (pF)	V _{CM} (V)	I _{CM} (mA)	P _{DM} (mW) / a T ₃₀ T _c (°C)	T _{JM} (°C)	Fabbri- cante	Osservazioni
n S — P 66 n S — P 76	2 N 4300 2 N 4301	30 ... 120/1000 30 ... 120/5000	— —	> 30 > 40	— —	80e 80e	2000 10 A	15 W/100c 50 W/100c	200 200	TI TI	V _{CBM} = 100 V. V _{CBM} = 100 V.
p S PE HF 46 p G D C 59	2 N 4314 2 N 4346	50 ... 250/150 > 25 6000	— —	> 60 —	< 30 —	85 320b	1000 10 A	1000/25a* 5000/55c	200 85	RCA RCA	* 7000/25c. t _f < 750 ns.
n S — P 87	2 N 4347, 8*	20 ... 60/2000	—	—	—	120e	5000	100 W 25c	—	RCA	* β > 15/5000, I _{CM} = 10 A.
p S — BF 35 p S — BF 36	2 N 4354, 5* 2 N 4356	50 ... 500/10 50 ... 250/10*	< 3 < 3	> 100 > 100	< 30 < 30	60 80	500 500	350/25a 350/25a	125 125	Fair Fair	* β = 100...400/10, > 75/500. * > 30/500.
n S PE BF 3 44 n S PE BF 3 44	2 N 4383, 4* 2 N 4385, 6*	100 ... 500/0,01 40 ... 500/0,01	0,5□ 1□	120 120	8 8	30e 30e	— —	800 25a 800 25a	200 200	Spra Spra	* P _{DM} = 0,5 W. - □ < 2. * P _{DM} = 0,5 W. - □ < 3.
p S — P 74 5	2 N 4387, 8*	20/1000	—	> 25	275	40	2500	20 W 100c	200	Trans	* V _{CM} = 60 V.
n S — C 37 n S — P 84 5	2 N 4390 2 N 4395, 6*	20/2 40 ... 170/2000	— —	> 50 > 4	— —	120e 40e	— —	500/25a 62 W 25c	175 —	RCA Tran	Comando tubi neon. * V _{CEM} = 60 V.
p S — P 94 5	2 N 4398, 9*	15 ... 60/15 A	—	> 4	—	40	30 A	200 W/25c	200	Moto	* V _{CM} = 60 V. - t _r < 400 ns.
n S PI HC 34 p S PI HC 34	2 N 4400, 1* 2 N 4402, 3*	50 ... 150/150 > 20 1.../500	—	> 150	< 8	40e 60b	600	310/25a	135	Moto	Complementari. - * β = 100 ...300, > 40/1...500.
n S PE C 36 7 p S PE HC 22 p S PE BF 3 44	2 N 4409, 10* 2 N 4411 2 N 4412, 3, 4*, 5*, A□	60 ... 400/1 40 ... 160/0,5 100 ... 500/0,01	— — < 2	> 60 > 400 —	< 12 < 0,7 8	80 12e 30e	250 25 —	310 25a 150 25a 600 25a*	135 200 200	Moto Moto Spra	* V _{CM} = 120 V. - Com. neon. Compl. a 2 N 3493. - t _r = 30 ns * β = 40...500. - □ V _{CM} = 60 V. - ▲ 400 mW per 2N4413, 15.
n S PE HC 34 n S PE HC 34 n S PI BF 3 44	2 N 4418, 9* 2 N 4420, 1*, 2 2 N 4424, 5*	40 ... 120/10 30 ... 120/30 180 ... 540/50	— — —	> 400 > 300 —	< 4 < 5 —	40 40 40e	500 500 —	250 25a 250 25a 360 25a	125 125 150	TI TI Spra	* β > 30/10, V _{CM} = 30 V. * β > 25, V _{CM} = 30 V. * P _{DM} = 0,9 W, con collare.
n S — VH 53 n S — UH 53 n S Me UH 54 n S Me UH 64 n S Me UH 74	2 N 4427 2 N 4428 2 N 4429 2 N 4430 2 N 4431	10 ... 200/100 20 ... 200/50 20 ... 200/500 20 ... 200/100 20 ... 200/100	— — — — —	> 500 > 700 700 600 600	< 4 < 3,5 — — —	20e 35e 35e 40e 40e	400 425 425 500 2000	3500/25c 3500/25c 5000/25c 10 W/25c 18 W/25c	200 200 200 200 200	Moto Moto TRW TRW TRW	1 W/175 MHz, GP > 10 dB. 0,75 W/500 MHz, GP > 10 dB. 1 W/1 GHz, GP = 5 dB. 2,5 W/1 GHz, GP = 5 dB. 5 W/1 GHz, GP = 5 dB.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I _c (mA)	F _b (dB)	f _t (MHz)	C _{cb} (pF)	V _{CM} (V)	I _{CM} (mA)	P _{DM} (mW) / a T _a o T _c (°C)	T _{jm} (°C)	Fabbri- cante	Osservazioni
n S PE UH 64	2 N 4440	15...150/150	—	500	< 10	40e	1500	12 W/25c	200	RCA	5 W/400 MHz, Aliment. 28 V.
n/p S P E C 44	2 N 4854	100...300/150	< 8	> 200	< 8	40e	600	600/25a	200	TI	≈ 2 N 2222 + 2 N 2907.
n/p S P E C 44	2 N 4855	40...120/150	< 8	> 200	< 8	40e	600	600/25a	200	TI	≈ 2 N 2221 + 2 N 2906.
n S PI P 5/77	2 N 4862, 3, 4*	50...150/500□	—	> 50	< 50	120e	2000	4000/100c	200	Spra	* P _{DM} = 16 W. - □ > 15/2000.
n S PE UH 43 4	2 N 4874, 5*, 6□	20...200/50	—	> 800 ^A	< 3,5	20e	200	720/25a	200	TI	V _{CEM} = * 25 e □ 30 V. - □▲ > 650.
p S PI C 44	2 N 4890	50...250/150	—	> 100	< 15	40e□	700	1000/25a*	200	Moto	□ 60b. - * 5700/25c.
p S — P 74/5	2 N 4898, 9*	20...100/500	—	> 3	< 100	40	4000	25 W/25c	200	Moto	* V _{CM} = 60 V. Complem. a
p S — P 76	2 N 4900	20...100/500*	—	> 3	< 100	80	4000	25 W/25c	200	Moto	* > 10/1000. 2 N 4910...2.
p S — P 84/5	2 N 4901, 2*	20...80/1000	—	> 4	—	40	5000	87 W/25c	200	Moto	* V _{CM} = 60 V. Complem. a
p S — P 86	2 N 4903	20...80/1000*	—	> 4	—	80	5000	87 W/25c	200	Moto	* > 7/5000. 2 N 5067...9.
p S — P 84/5	2 N 4904, 5*	25...100/2500	—	> 4	—	40	5000	87 W/25c	200	Moto	* V _{CM} = 60 V. Complem. a
p S — P 86	2 N 4906	25...100/2500*	—	> 4	—	80	5000	87 W/25c	200	Moto	* > 7/5000. 2 N 4913...5.
n S — P 74/6	2 N 4910, 1, 2	20...100/500	—	> 3	< 100	(*)	4000	25 W/25c	200	Moto	(*) V. 2 N 4898...900, compl.
n S — P 84/6	2 N 4913, 4, 5	25...100/2500	—	> 4	—	(*)	5000	87 W/25c	200	Moto	(*) Vedi 2 N 4904...6, compl.
p S — C 34	2 N 4916, 7*	70...200 10	—	> 400	< 4,5	30e	50	200/25a	125	Fair	* β = 150. . .300. - t _f < 150 ns.
p S — P 74 6	2 N 4918, 9*, 0□	20...100/500	—	> 3	< 100	40	3000	30 W/25c	150	Moto	Complementari. - V _{CM} = * 60
n S — P 74/6	2 N 4921, 2*, 3□	> 10 1000	—	> 3	< 100	40	3000	30 W/25c	150	Moto	e □ 80 V. - Cust. plastica.
n S PI HF 47	2 N 4924, 5*	40...200/150□	—	> 100	< 10	100	200	1000/25a	175	Moto	* V _{CM} = 150 V. - □ > 25/1.
n S PI HF 48	2 N 4926, 7*	20...200/30□	—	> 30	< 6	200	50	1000/25a	175	Moto	* V _{CM} = 250 V. - □ > 10/3.
p S PI C 47	2 N 4928	25...200/10*	—	> 100	< 6	100	100	600/25a□	200	Moto	* > 20/1. . .50. - □ 3000/25c.
p S PI C 47	2 N 4929	25...200/10*	—	> 100	< 10	150	500	1000/25a□	200	Moto	* > 20/1. . .50. - □ 5000/25c.
p S PI C 48	2 N 4930, 1*	20...200/10□	—	> 20	< 20	200	500	1000/25a	200	Moto	* V _{CM} = 250 V. - □ > 20/1...30.
n S PE VH 85	2 N 4932, 3*	—	—	—	< 120	50	3300	70 W 25c	200	RCA	* V _{CM} = 70 V. - 12 e 20 W/ 88 MHz.
n S PE VH 34	2 N 4934	40...170/2	< 3,5*	> 700	0,2	30e	—	200/25a	200	RCA	* A 200 MHz, GP > 18 dB.
n S PE VH 34	2 N 4935	60...200/2	< 3*	> 700	0,2	40e	—	200/25a	200	RCA	* A 200 MHz, GP > 21 dB.
n S PE UH 34	2 N 4936	60...250/2	< 4,5*	> 700	0,2	40e	—	200/25a	200	RCA	* A 450 MHz, GP > 13 dB.
n S — HF 46	2 N 4943	100...300/150*	—	> 150	< 12	80e□	1000	800/25a	200	NS	* > 15/500. - □ 120b.
n S PI C 34	2 N 4951, 2*	60...200/150	—	> 250	8	30	500	360/25a	150	Spra	* β = 100. . .300. Cust.
n S PI C 34	2 N 4953, 4*	200...600/150	—	> 250	8	30	500	360/25a	150	Spra	* β = 20. . .60 plastica

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I _c (mA)	F _b (dB)	f _t (MHz)	C _{cb} (pF)	V _{CM} (V)	I _{CM} (mA)	P _{DM} (mW) / a T _a o T _c (°C)	T _{jm} (°C)	Fabbri- cante	Osservazioni
p S PI VH 34	2 N 4957, 8*, 9□	40 (> 20)/2	2,6	1500	< 0,8	30	30	200/25a	200	Moto	Fb = *2,9 e □3,2 dB a 400 MHz
p S — BF 34	2 N 4964, 5*	30...120/0,01	< 6	> 60	< 8	40e	—	200/25a	125	NS	* β = 80...400.
n S — BF 34 3	2 N 4966, 7*, 8□	40...120/0,01	< 6	> 40	< 6	40e	—	200/25a	125	NS	* β = 100...600. - □ V _{CEM} = 25 V.
n S — BF 34	2 N 4969, 70*	40...120/150	—	> 200	< 8	30e	500	200/25a	125	NS	* β = 100...350/150, > 70/10.
p S — BF 34	2 N 4971, 2*	40...120/150	—	> 200	< 8	40e	500	200/25a	125	NS	* β = 100...350/150, > 70/10.
n S Me UH 54	2 N 4976	20...250/50	—	1000	—	30e	400	5000/25c	200	TRW	1 W/2 GHz, GP = 5 dB
n S PI HF 35	2 N 4994, 5*	40...160/10	—	> 200	< 3,5	45e	30	360/25a	150	TI	* β = 100...400 - FI AM-FM.
n S PI VH 33	2 N 4996, 7*	> 50/2	2,5	> 600	< 0,7	18e	50	250/25a	150	TI	Ampl. e * conv. 100 MHz - * β > 30.
n S — P 76	2 N 4998, 00*	30...90/1000	—	> 60	—	80e	2000	35 W/25c	200	Fair	* β = 70...200. } Comple-
p S — P 76	2 N 4999, 01*	30...90/1000	—	> 60	—	80e	2000	35 W/25c	200	Fair	* β = 70...200. } mentari.
n/p S — P 86	2 N 5002...5	30...90/2500	—	> 60	—	80e	5000	58 W/25c	200	Fair	} N.ri pari: n-p-n. - 2 N 5004, 5, 8, 9. β = 70...200.
n/p S — P 86	2 N 5006...9	30...90 5000	—	> 30	—	80e	10 A	117 W/25c	200	Fair	
n S D C 59	2 N 5010, 1*, 2□	> 30/25	—	> 20	—	500	500	2000/25c	—	SiTr	V _{CM} = * 600 e □ 700 V.
n S D C 59	2 N 5013, 4*, 5□	> 30/20	—	> 20	—	800	500	2000/25c	—	SiTr	V _{CM} = * 900 e □ 1000 V.
n S PE UH 74	2 N 5016	—	—	600	< 25	40e	4500	30 W/50c	200	RCA	15 W/400 MHz.
p S — C 45/4	2 N 5022, 3*	25...100/500	—	> 170	< 25	50e	—	1000/25a	200	Fair	* β = 40...100, V _{CEM} = 30 V.
n S — VH 76	2 N 5025, 6*	> 20/2000	—	> 150	—	75e	5000	45 W/25c	200	Fair	* V _{CEM} = 90 V - 20 W/50 MHz e * 25 W/80 MHz.
n S — HC 34	2 N 5027, 8*	50...150/150	—	250	< 8	30e	—	360/25a	135	Spra	* β = 100...300 - tr = 20 ns.
n S — UH 32	2 N 5031, 2*	25...300/1	< 2,5□	> 1000	< 1,5	10e	20	200/25a	200	Moto	* Fb < 3 dB. - □ A 450 MHz.
n S — P 85	2 N 5034, 5	20...70/2500	—	—	—	45e	6000	83 W/25c	150	RCA	Custodia plastica.
n S — P 85	2 N 5036, 7	20...70/3000	—	—	—	60e	8000	83 W/25c	150	RCA	Custodia plastica.
n S PE P 87	2 N 5038, 9*	20...100/12 A	—	> 60	< 500	110	20 A	140 W/25c	200	RCA	* V _{CEM} = 95 V, β = 20...100/ 10 A.
p S — C 33/4	2 N 5040, 1*	> 30/150	—	> 80	< 35	25	1000	300/25a	125	Fair	* β = 40...150, V _{CEM} = 40 V.
p S — C 44	2 N 5042	40...150/150	—	> 100	< 35	40	1000	800/25a*	200	Fair	* 4000/25c.
p G PE UH 12	2 N 5043, 4*	15...150/3	< 2,5	> 1500	< 1	15b	30	30/25a	100	TI	* Fb < 3,5 dB a 400 MHz.
p S — HC 32	2 N 5055	30...100/30	—	> 550	< 4,5	12e	100	200/25a	125	Fair	t _s < 20 ns.
p S — HC 32	2 N 5056, 7*	30...100/10	—	> 600	< 4,5	15e	100	360/25a	200	Fair	* β = 40...100/30, f _t > 800 MHz.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{ch} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DAI} (mW) / a T_a o T_c ($^{\circ}$ C)	T_{JM} ($^{\circ}$ C)	Fabbri- cante	Osservazioni
n S PE BF 48 9	2 N 5058, 9*	30...150/30□	—	> 30	< 10	250	150	1000/25a	200	TI	* $V_{CM} = 300$ V. - □ > 30/100. $\rho_{sat} = 4$ (< 8) Ω a $I_E = 0,1$ mA (*) Vedi 2 N 4901...3, compl.
n S PE C 33	2 N 5066	8 (> 4)/1	—	> 5	< 10	20e	100	400/25a	200	Crys	
n S — P 84/6	2 N 5067, 7, 8	20...80/1000	—	> 4	—	(*)	5000	87 W/25c	200	Moto	
n S PE HF 84	2 N 5070, 1*	—	—	—	< 85	40e	3300	70 W/25c	200	RCA	25 W/30 MHz e * 24 W/76 MHz. 25 W uscita a 12 MHz. Identico a BFW 36, FT 020.
n S PE HF 87	2 N 5072	15...60/3000	—	80	350	100	10 A	125 W/25c	150	LTT	
n S PE HF 58	2 N 5073	30...120/200	—	120	15	180	200	2000/25c	175	LTT	
n S — P 75/6	2 N 5083, 4*, 5□	40...120/2000	—	> 50	—	60e	10 A	35 W/25c	200	Fair	* $\beta = 100$...300. - □ $V_{CEM} = 80$ V. * = 250...800. - $F_b = 1$ dB. * $\beta = 400$...1200. - $F_b < 2$ dB.
p S PI BF 35	2 N 5086, 7*	150...500/0,1	1,2	> 40	< 4	50	100	310/25a	135	Moto	
n S PI BF 34	2 N 5088, 9*	300...900/0,1	< 3	175	< 10	30	50	310/25a	135	Moto	
n S PE UH 55	2 N 5090	10...200/50	—	> 500	< 3,5	55	400	5000/75c	200	RCA	1,2 W/400 MHz, GP > 9 dB. 15 W/136 MHz, Aliment. 24 V. 1 W/1 GHz, GP = 5 dB. GP > 11 dB a 200 MHz.
n S PE VH 85	2 N 5102	—	—	—	< 85	50e	3300	70 W/25c	200	RCA	
n S PE UH 55	2 N 5108	> 6/50	—	> 600	< 3	55	400	3500/25c	200	RCA	
n S PE VH 54	2 N 5109	40...120/50	3	> 480	< 3,5	40	400	3500/25c	200	RCA	
n S — VH 33	2 N 5126	> 10/2	5,5*	> 300	< 1,6	20e	50	200/25a	125	Fair	* A 100 MHz, GP = 26 dB. * A 1 MHz. $t_f = 80$ ns. - * $P_{DM} = 200$ mW. * 60 MHz. - GP = 17 dB a 200 MHz. $V_{sat} = 1$ V a 10 mA, $V_{sat} < 2$ V a 10 mA.
n S — HF 32	2 N 5127	> 12/2	3,7*	> 150	< 3,5	12e	100	200/25a	125	Fair	
n S — C 32	2 N 5128, 9*	35...350/50	—	> 200	< 10	12e	500	300/25a	125	Fair	
n S — VH 32	2 N 5130	> 12/8	4*	> 450	< 1,7	12e	50	200/25a	125	Fair	
n S — C 32	2 N 5131	30...500/10	—	> 100	< 6	15e	200	200/25a	125	Fair	
n S — C 33	2 N 5132	30...400/10	—	> 200	< 3,5	20e	200	200/25a	125	Fair	
n S — BF 33	2 N 5133	60...1000/1	—	> 40	5	18e	50	200/25a	125	Fair	
n S — HC 32	2 N 5134	20...150/10	—	> 250	< 4	10e	100	200/25a	125	Fair	$t_s < 18$ ns. - $V_{sat} = 0,25$ V.
n S — BF 33	2 N 5135	50...600/10	—	> 40	25	25e	200	300/25a	125	Fair	
n S — C 33	2 N 5136, 7*	20...400/150	—	> 40	< 35	20e	500	220/25a	125	Fair	* $P_{DM} = 300$ mW.
p S — C 34	2 N 5138	50...800/100	—	> 40	< 7	30e	100	200/25a	125	Fair	$V_{sat} = 0,3$ V a 10 mA. $V_{sat} = 0,2$ V a 10 mA. $t_f < 20$ ns. $t_f < 150$ ns. $t_f < 200$ ns. - * $P_{DM} = 200$ mW.
p S — C 33	2 N 5139	> 40/10	—	> 300	< 5	20e	100	200/25a	125	Fair	
p S — HC 31	2 N 5140	20...140/10	—	> 400	< 5	5e	50	200/25a	125	Fair	
p S — C 31	2 N 5141	> 25/10	—	> 300	< 7	6e	50	200/25a	125	Fair	
p S — C 33	2 N 5142, 3*	> 30/50	—	> 100	< 10	20e	500	300/25a	125	Fair	

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_C (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_o o T_c ($^{\circ}C$)	T_{jM} ($^{\circ}C$)	Fabbricante	Osservazioni
p S — P 66	2 N 5147, 9*	30...90/1000	—	> 60	—	80e	2000	7000/25c	200	Fair	{ Complementari - * $\beta = 70$...200. - $V_{sat} < 0,85$ V a 2 A. { Complementari - * $\beta = 20$...200. - $V_{sat} < 1,5$ V a 5 A.
n S — P 66	2 N 5148, 50*	30...90/1000	—	> 50	—	80e	2000	7000/25c	200	Fair	
p S — P 66	2 N 5151, 3*	30...90/2500	—	> 60	—	80e	5000	11 W/25c	200	Fair	
n S — P 66	2 N 5152, 4*	30...90/2500	—	> 60	—	80e	5000	11 W/25c	200	Fair	
p G D P 87	2 N 5155	25...100/8000	—	0,35	—	120e	25 A	60 W/25c	110	Delc	$V_{sat} = 0,9$ V a 25 A. $V_{sat} = 1$ V a 10 A. * 700b. - $V_{sat} = 0,8$ V a 1 A. > 1 W uscita a 400 MHz. 8,5 W uscita a 175 MHz. 30 W/175 MHz, GP > 6 dB.
p G AI P 85	2 N 5156	25...60/5000	—	0,32	—	60e	10 A	60 W/25c	110	Delc	
n S — P 89	2 N 5157	30...90/1000	—	4	—	400e*	3500	100 W/25c	200	Delc	
p S — VH 54	2 N 5160	> 10/50	—	900	2,5	40e	400	5000/25c	200	Moto	
p S — VH 74	2 N 5161	> 10/250	—	500	10	40e	1500	20 W/25c	200	Moto	
p S — VH 74	2 N 5162	> 10/2000	—	> 500	< 60	40e	5000	50 W/25c	200	Moto	
n S PI BF 33	2 N 5172	100...500/10	—	120	< 10	25	100	360/25a	150	Spra	
n S P E C 36	2 N 5174	40...600/10	—	135	2,5	75e	25	200/25a	125	GE	Comando neon. Comando neon. - * $\beta = 140$...300.
n S P E C 37	2 N 5175, 6*	55...160/10	—	135	2,5	100e	25	200/25a	125	GE	
n S — UH 74	2 N 5177	10...150/100	—	> 200	—	35e	4000	40 W/25c	200	TRW	25 W/500 MHz, GP = 5 dB. 50 W/500 MHz, GP = 4 dB GP > 15 dB a 200 MHz. GP > 12 dB a 200 MHz.
n S — UH 84	2 N 5178	10...150/200	—	> 200	—	35e	8000	70 W/25c	200	TRW	
n S P E VH 32	2 N 5179	25...250/3	< 4,5	> 900	< 1	12e	50	200/25a	200	RCA	
n S P E VH 32	2 N 5180	20...200/2	< 4,5	> 650	< 1	15e	—	180/25a	175	RCA	
n S — VH 35/4	2 N 5181, 2*	> 27/1	—	400	< 1	30b□	—	180/25a	—	RCA	* $V_{CBM} = 45$ V. - □ 15c. * > 40/300 - □ 2000/75c. Video. - * $P_{DM} = 1$ W/25° C.
n S P E C 33	2 N 5183	75...400/10*	—	200	< 20	18	1000	500/25a□	175	RCA	
n S — HF 37	2 N 5184, 5*	> 10/50	—	> 50	—	120e	50	500/25a	—	RCA	
n S P E HC 32	2 N 5186	> 25/10	—	> 400	< 3	10b	300	500/25a	200	RCA	ts < 10 ns a 5 mA, ts < 13 ns a 100 mA, tf = 30 ns a 100 mA, * > 15/1000. - □ 5000/25c.
n S P E HC 32	2 N 5187	> 25/30	—	> 600	< 3,5	10e	500	300/25a	200	RCA	
n S P E HC 43	2 N 5188	> 20/500	—	> 250	< 10	25e	—	800/25a	200	RCA	
n S P E C 44	2 N 5189	> 30/100	—	> 250	< 12	35e	—	1000/25a□	200	RCA	
n S — P 74/6	2 N 5190, 1*, 2□	25...100/1500	—	> 4	—	40	4000	35 W/25c	150	Moto	Complementari - $V_{CM} = * 60$ e □ 80 V. - Custodia plast.
p S — P 74/6	2 N 5193, 4*, 5□										
n S — HC 33	2 N 5201	75...150/10	—	> 1100	< 2,5	20	100	300 25a	200	Fair	$V_{sat} < 0,15$ V a 10 mA, ts < 800 ns.
n S P E C 76	2 N 5202	10...100/4000	—	> 60	< 175	75e	5000	35 W/25c	200	RCA	

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c ($^{\circ}C$)	T_{JM} ($^{\circ}C$)	Fabbri- cante	Osservazioni
p S PI HF 33 n S PI BF 35	2 N 5208 2 N 5209, 10*	20...120 2 100...300 0,1	< 3* < 3	> 300 80	< 1 < 4	25e 50	50 100	310 25a 310 25a	135 135	Moto Moto	* A 100 MHz. - GP > 22 dB. * $\beta = 200...600$. - $F_b < 2$ dB
n S PE BF 32 n/p S PE BF 32 n S PE HF 32 n S PE BF 33 n S PE C 32 n/p S PE BF 33 p S PE BF 34 p S PE C 31 p S PE C 32 3 p S PE C 34	2 N 5219 2 N 5220, 1* 2 N 5222 2 N 5223 2 N 5224 2 N 5225, 6* 2 N 5227 2 N 5228 2 N 5229, 30* 2 N 5231	35...500/2 30...600/50 20...1500/4 50...800/2 40...400/10* 30...600/50 50...700/2* > 30/10* > 50/0,1 > 50/0,1	— — — — — — — — — —	> 150 > 100 > 450 > 150 > 250 > 50 > 100 > 300 > 8 > 8	< 4 < 15 < 1,3 < 4 < 4 < 20 < 5 < 5 < 5 < 5	15e 15e 15e 20e 12e 25 30 5e 10e 30e	100 500 50 100 — 500 50 50 50 50	310 25a 310 25a 310 25a 310 25a 310 25a 310 25a 310 25a 310 25a 500 25c 500/25c	135 135 135 135 135 135 135 135 200 200	Moto Moto Moto Moto Moto Moto Moto Moto Moto Moto	Complementari. - * p-n-p. Ampl. e FI p. AM, FM, TV. ts < 35 ns. - * > 15/100. Complementari. - * p-n-p. * > 30/0,01. ts < 90 ns. - * > 15/50. Chopper, $V_{off} < 0,5$ mV. - * $V_{CEM} = 20$ V. Chopper, $V_{off} < 0,8$ mV.
n S PI BF 35 n S PI BF 35 n S PI P 88/9 n S PI P 89 n S PI BF 35 n S PI P 97 n S — P 69	2 N 5232, A* 2 N 5233, 4*, 5□ 2 N 5239, 40* 2 N 5241 2 N 5249 2 N 5250 2 N 5252, 3*	250...470/2 100...300/10 20...80/400□ 15...35/2500 400...800/2 10...40/70 A 40...120/100	— — — — — — —	— — > 5 > 4 — > 10* > 30	< 4 < 4 < 150 — < 4 — —	50e 60e 250e 325e 50e 100e 300	100 100 5000 3500 100 90 A 1000	360/25a 330/25a 100 W/25c 100 W/25c 330/25a 350 W/25c 7000 25c	150 140 200 200 140 200 200	Spra GE RCA Delc GE Spra Fair	* $F_b < 5$ dB, a 0,1 mA, 1 kHz. $\beta = * 250...500$ e □ 400...800. * $V_{CEM} = 350$ V. - > 20/2000. $V_{sat} < 0,7$ V a 2,5 A. $V_{CBM} = 70$ V. ts = 1,5 μ s. - * A $I_c = 5$ A. * $\beta = 80...250$.
n S PE HC 45 n p S — P n S D P 76 n S D P 75 n S D P 76	2 N 5262 2 N 5284...91 2 N 5293, 4 2 N 5295, 6 2 N 5297, 8	65 (> 40)/500□ (*) 30...120/500 30...120/1000 20...80/1500	— — — — —	> 250 (*) > 0,8 > 0,8 > 0,8	< 12 — — — —	50e 100e 75 50 70	2000 (*) 4000 4000 4000	1000 25a* (*) 36 W/25c 36 W/25c 36 W/25c	200 200 150 150 150	RCA Fair RCA RCA RCA	$t_f < 60$ ns. - □ > 25/1 A. - * 5 W/25c. (*) Vedi 2 N 5002...9, rispett. Cust. plastica. - $t_f < 15$ μ s.
n S — P 94 5 n S — P 96 n S — DA 33 n S — DA 34 n S — BF 35 n S PI BF 35	2 N 5301, 2* 2 N 5303 2 N 5305, 6* 2 N 5307, 8* 2 N 5309 2 N 5310, 1*	> 15/15 A > 15/10 A 2000...20 000/2 2000...20 000/2 60...120/0,01 100...300/10	— — — — 1,9 —	4 4 — — 135 —	— — 7,6 7,6 2,5 < 4	40e 80e 25 40 50 50e	20 A 20 A 100 100 100 100	200 W/25a 200 W/25a 400/25a 400/25a 360/25a 330/25a	— — 125 125 150 —	Moto Moto GE GE GE GE	* $V_{CEM} = 60$ V. - Complem. a 2 N 4398, 9. $V_{sat} > 1$ V a $I_c = 10$ A. * $\beta = 7000...70.000$. * $\beta = 7000...70.000$. * $\beta = 250...500$.

Tecnologia e tabella di sostituzione	Tipo	Quad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c (°C)	T_{jm} (°C)	Fabbri- cante	Osservazioni
p S — P 76 7 n S — P 76 7	2 N 5312, 4* 2 N 5313, 5*	30...90/10 A	—	> 30	—	80e	20 A	50 W/100c	200	Sol	Complementari. - $V_{sat} < 1,8$ V a $I_c = 10$ A. - * $V_{CEM} = 100$ V.
p S — P 76 7 n S — P 76 7	2 N 5316, 8* 2 N 5317, 9*	30...90/5000	—	> 30	—	80e	10 A	50 W/100c	200	Sol	Complementari. - $V_{sat} < 1$ V a $I_c = 5$ A. - * $V_{CEM} = 10$ V.
n S D P 66 p S D P 66	2 N 5320, 1* 2 N 5322, 3*	30...130/500□ 30...130/500□	— —	> 50 > 50	— —	65 65	2000 2000	10 W/25c 10 W/25c	200 200	RCA RCA	Complementari. - * $V_{CEM} =$ 90 V. - □ > 10/1000.
p G — P 87 8 n S — C 76 n S — C 6 86 n S — C 87 n S — C 8 97	2 N 5324, 5* 2 N 5326 2 N 5327, 8* 2 N 5329 2 N 5330, 1*	20...60/5000 50...150/1000 100...300/1000 40...120/10 A 50...150/10 A	— — — — —	> 2 80 100 80 80	— 100 300 500 750	150e 80e 80e 100e 100e	10 A 5000 10 A 20 A 30 A	56 W/25c 44 W/25c 8800/25c 116 W/25c 140 W/25c	110 200 200 200 200	Moto TRW TRW TRW TRW	* $V_{CEM} = 200$ V. - $V_{CBM} =$ 325 V. ts + tf = 400 ns a 1 A. * $P_{DM} = 53$ W. - ts + tf = 900 ns. ts + tf = 1,1 μs a 10 A. * $P_{DM} = 175$ W. - ts + tf = 1,3 μs.
p S PE HC 32 p S PE C 66	2 N 5332 2 N 5333	20...80/1...50 > 30/1000	— —	> 600 > 30	< 3,5 —	12e 80e	100 5000	360/25a 15 W/100c	200 200	Moto TI	ts < 70 ns. - Resist. alle rad. tr = 150 ns a $I_c = 1$ A.
n S — C 65 6 n S — C 66 n S — C 67 p S — P 78 9	2 N 5334, 5* 2 N 5336, 7* 2 N 5338, 9* 2 N 5344, 5*	30...150/1000□ 30...120/2000 30...120/2000 25...100/500□	— — — —	> 60 > 30 > 30 > 60	< 75 < 250 < 250 < 200	60 80 100 250	3000 5000 5000 1000	6000/25c 6000/25c 6000/25c 40 W/25c	200 200 200 200	Moto Moto Moto Moto	* $V_{CEM} = 80$ V. - □ > 15/2 A. * $\beta = 60$. . .240. - ts < 2 μs. * $\beta = 60$. . .240. - ts < 2 μs. * $V_{CM} = 300$ V. - □ > 7/1000.
n S — C 86 n S — C 87	2 N 5346, 7* 2 N 5348, 9*	30...120/2000 30...120/2000	— —	> 30 > 30	< 250 < 250	80 100	7000 7000	60 W/25c 60 W/25c	200 200	Moto Moto	* $\beta = 60$. . .240/2000 e > 40/ 5000. - ts < 2 μs.
p S PI BF 33 p S PE C 79 p S PI BF 34	2 N 5354, 5*, 6□ 2 N 5357 2 N 5365, 6*, 7□	40...120/50 25...100/500* 40...120/50	— — —	340 > 50 340	< 8 < 60 < 8	25 300 40	500 3000 500	360/25a 30 W/75c 360/25a	150 200 150	Spra Moto GE	$\beta = * 100$. . .300 e □ 250. . .500. * > 45/0,5 > 10/1000. $\beta = * 100$. . .300 e □ 250. . .500.
n S PI BF 34 p S PI BF 34 p S PI BF 34 n S PI BF 34	2 N 5368...71 2 N 5372, 3* 2 N 5374, 5* 2 N 5376, 7*	(*) 40...120/150 200...600/150 150...500/0,01	— — — < 2	> 250 > 150 > 150 > 300	< 8 < 10 < 10 < 8	30e 30e 30e 30e	500 500 500 500	360/25a 360/25a 360/25a 360/25a	150 150 150 150	Spra Spra Spra Spra	(*) Identico a 2 N 4951. . .4. * $\beta = 100$. . .300. - Complemen- tare a 2 N 5368, 69. * $\beta = 60$. . .600. - Complemen- tare a 2 N 5370, 71. * $\beta = 40$. . .200, $F_b < 3$ dB.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c (°C)	T_{jm} (°C)	Fabbri- cante	Osservazioni
p S PI BF 34	2 N 5378, 9*	100...500 0,01	< 2	> 200	< 10	30e	500	360/25a	150	Spra	* $\beta = 40 \dots 200$, $F_b < 3$ dB.
n S PI BF 34	2 N 5380, 1*	50...150/10	< 6	> 250	< 4	40e	—	360/25a	150	Spra	{ Complementari. - * $\square \beta = 100 \dots 300$. - $F_b * < 5$ e $\square < 4$ dB.
p S PI BF 34	2 N 5382, 3□	50...150/10	< 5	> 250	< 4	40e	—	360/25a	150	Spra	
p S PE P 76	2 N 5384*, 5	20...80/2000□	—	> 30	—	80e	5000	30 W/100c	200	TI	Cust. isolata - $\square > 10/5000$. * $> 10/12$ A. $V_{CM} = * 250$ e $\square 300$ V.
p S PE P 76	2 N 5386	20...80/6000*	—	> 30	—	80e	12 A	50 W/100c	200	TI	
n S D P 88/9	2 N 5387, 8*, 9□	25...100/2000	—	> 15	—	200	7500	100 W/100c	200	TI	
p S PE BF 37	2 N 5400, 1*	40...180/10	< 8	> 100	< 6	120e	600	310/25a	135	Moto	* $V_{CM} = 120$ V, $\beta = 60 \dots 240$. * $V_{CEM} = 300$ V. - $\square 10$ W/25c. * $\beta = 60 \dots 240/2000$ e $> 40/5000$. - $t_s < 2$ μ s.
p S D C 48/9	2 N 5415, 6	30...130/50	—	> 15	< 15	200e	1000	1000/50a□	200	RCA	
n S — C 76	2 N 5427, 8*	30...120/2000	—	> 30	< 250	80	7000	40 W/25c	200	Moto	
n S — C 77	2 N 5429, 30*	30...120/2000	—	> 30	< 250	100	7000	40 W/25c	200	Moto	
p G — C 85 7	2 N 5435, 6*, 7□	20...60/25 A*	—	> 0,35	—	60e	60 A	120 W/25c	110	Moto	
p G — C 85 7	2 N 5438, 9*, 40□	40...120/60 A**	—	> 0,35	—	60e	60 A	120 W/25c	110	Moto	* $V_{CEM} = * 90$ e $\square 120$ V. - * $\Delta > 10/60$. - ** $> 15/60$. * $V_{CEM} = 30$ V, $\beta = 30 \dots 150$. * $\beta = 50 \dots 150$.
p S PE BF 33 4	2 N 5447, 8*	60...300/50	—	> 100	< 12	25e	200	360/25a	150	TI	
n S PE BF 34	2 N 5449, 50*	100...300/50	—	> 100	< 12	30e	800	360/25a	150	TI	
n S PE BF 33	2 N 5451	30...600/50	—	> 100	< 12	20e	800	360/25a	150	TI	
p S — HC 32/3	2 N 5455, 6*	30...120/30	—	> 450	< 6	15e	300	340/25a	200	Fair	* $V_{CEM} = 25$ V. - $t_s < 35$ ns. 1 W/2 GHz, 2 W/1 GHz, GP > 5 dB. (*) Identico a 2 N 5346...9.
n S — UH 55	2 N 5470	—	—	—	< 3	55	200	3500/25c	200	RCA	
n S — C 86/7	2 N 5477...80	(*)	—	30	< 250	(*)	7000	60 W 25c	200	Moto	
n S — UH 54	2 N 5481	20...250/50	—	—	—	30e	200	5000/25c	200	TRW	1 W/2 GHz, GP = 6 dB. 2,5 W/2 GHz, GP = 5 dB. 5 W/2 GHz, GP = 4 dB. * $\beta = 20 \dots 100/2500$, $V_{CEM} = 65$ V. * $\beta = 20 \dots 100/3500$, $V_{CEM} = 80$ V.
n S — UH 64	2 N 5482	20...250/50	—	—	—	30e	350	10 W/25c	200	TRW	
n S — UH 64	2 N 5483	20...250/100	—	—	—	30e	700	20 W/25c	200	TRW	
n S D P 75 6	2 N 5490, 1, 2*, 3*	20...100/2000	—	> 0,8	—	50e	7000	50 W/25c	150	RCA	
n S D P 75 6	2 N 5494, 5, 6*, 7*	20...100/3000	—	> 0,8	—	50e	7000	50 W/25c	150	RCA	
n S PE BF 38	2 N 5550, 1*	60...250/10	—	> 100	< 6	160e	600	310/25a	135	Moto	* $\beta = 80 \dots 250$, $V_{CEM} = 180$ V. * 50 V a base aperta. * 70 V a base aperta. * $\beta = 100 \dots 300$ - $t_s < 225$ ns.
n S D P 96	2 N 5575, 6, 7	10...40/60 A	—	> 0,4	2000	70*	80 A	300 W/25c	175	RCA	
n S D P 96	2 N 5578, 9, 80	10...40/40 A	—	> 0,4	2000	90*	60 A	300 W/25c	175	RCA	
n S PE C 34	2 N 5581, 2*	40...120/150	—	> 250	< 8	40e	500	500/25a	200	Moto	

Tecnologia e tabella di sostituzione	Tipo	Grad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_o o T_c (°C)	T_{jm} (°C)	Fabbri- cante	Osservazioni
p S PE HF 44	2 N 5583	25...100 100*	—	> 1000	< 5	30	500	1000/25a□	200	Moto	* > 15/300. - □ 5 W/25c. - tr = 2 ns.
n S — C 98	2 N 5584	40...120/10 A	—	70	—	180e*	50 A	175 W/25c	200	TRW	Resist. alle radiaz. - * 250b.
n S — VH 63	2 N 5589	> 5/100	—	—	< 30	18e*	600	15 W/25c	200	Moto	3 W/175 MHz, GP > 8 dB. - * 36b.
n S — VH 73	2 N 5590	> 5/250	—	—	< 70	18e*	2000	30 W/25c	200	Moto	10 W/175 MHz, GP > 5 dB. - * 36b.
n S — VH 83	2 N 5591	> 5/500	—	—	< 120	18e*	4000	70 W/25c	200	Moto	25 W/175 MHz, GP > 4,4 dB. - * 36b.
n S — P 97	2 N 5629, 30*, 1□	25...100/8000	—	> 1	< 500	100	16 A	200 W/25c	200	Moto	} $\beta = * 20 \dots 80$ e □ 15...60. } - $V_{CM} = * 120$ e □ 140 V.
n S — P 87	2 N 5632, 3*, 4□	25...100/5000	—	> 1	< 300	100	10 A	150 W/25c	200	Moto	
n S — UH 64	2 N 5635	> 5/100	—	—	< 10	35e	1000	7500/25c	200	Moto	2,5 W/400 MHz, GP > 6,2 dB.
n S — UH 64	2 N 5636	> 5/200	—	—	< 20	35e	1500	15 W/25c	200	Moto	7,5 W/400 MHz, GP > 5,7 dB.
n S — UH 74	2 N 5637	> 5/500	—	—	< 30	35e	3000	30 W/25c	200	Moto	20 W/400 MHz, GP > 4,6 dB.
n S — VH 64	2 N 5641	> 5/100	—	—	< 15	35e	1000	15 W/25c	200	Moto	7 W/175 MHz, GP > 8,4 dB.
n S — VH 74	2 N 5642	> 5/200	—	—	< 35	35e	3000	30 W/25c	200	Moto	20 W/175 MHz, GP > 8,2 dB.
n S — VH 84	2 N 5643	> 5/500	—	—	< 65	35e	5000	60 W/25c	200	Moto	40 W/175 MHz, GP > 7,6 dB.
n S — UH 53	2 N 5644	> 15/100	—	> 400	< 8	18e	250	3500/25c	200	Moto	1 W/470 MHz, GP > 7 dB.
n S — UH 63	2 N 5645	> 15/500	—	> 400	< 20	18e	1000	12 W/25c	200	Moto	4 W/470 MHz, GP > 6 dB.
n S — UH 73	2 N 5646	> 15/1000	—	> 400	< 40	18e	2000	30 W/25c	200	Moto	12 W/470 MHz, GP > 4,7 dB.
n S PE P 87	2 N 5671, 2*	> 20/20 A	—	> 50	< 900	110	30 A	140 W/25c	200	RCA	* $V_{CM} = 140$ V. - ts < 1,5 μ s/15 A.
p S — BF 47	2 N 5679, 80*	40...150/250A	—	> 30	< 50	100	1000	1000/25a□	200	Moto	* $V_{CM} = 120$ V. - □ 10 W/25c. - ▲ > 5/1000.
n S — BF 47	2 N 5681, 2*	40...150/250A	—	> 30	< 50	100	1000	1000/25a□	200	Moto	
n S — P 95 6	2 N 5685, 6*	15...60/25 A□	—	> 2	1000	60	60 A	300 W/25c	200	Moto	* $V_{CM} = 80$ V. - □ > 5/50.
n S — HF 53	2 N 5687	> 15/50	—	—	—	20e	500	5000/25c	200	TRW	1,5 W/50 MHz, GP = 17 dB.
n S — HF 63	2 N 5688	> 15/50	—	—	—	20e	500	10 W/25c	200	TRW	5 W/50 MHz, GP = 14 dB.
n S — HF 74	2 N 5689	> 15/100	—	—	—	40e	3000	25 W/25c	200	TRW	10 W/50 MHz, GP = 10,5 dB.
n S — HF 74	2 N 5690	> 10/100	—	—	—	30e	5000	50 W/25c	200	TRW	25 W/50 MHz, GP = 8,5 dB.
n S — HF 84	2 N 5691	> 10/100	—	—	—	30e	8000	88 W/25c	200	TRW	40 W/50 MHz, GP = 8 dB.
p G — C 84 5	2 N 5692, 3*	20...65/25 A	—	> 0,2	—	30e	40 A	120 W/25c	110	Moto	} $V_{CEM} = * 60$, ▲ 100 e □ 120 V. } - $V_{sat} < 0,75$ V/60 A.
p G — C 86 7	2 N 5694, 5*, 6□	20...65/25 A	—	> 0,2	—	80e	40 A	120 W/25c	110	Moto	
n S — UH 53	2 N 5697	> 15/100	—	—	—	18e	500	3500/25c	200	TRW	

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I _c (mA)	F _{li} (dB)	f _t (MHz)	C _{cb} (pF)	V _{CEM} (V)	I _{CEM} (mA)	P _{DM} (mW) / a T _c o T _c (°C)	T _{JM} (°C)	Fabbri- cante	Osservazioni
n S — UH 53	2 N 5698	> 30/40	—	—	—	18e	500	5000/25c	200	TRW	1 W/470 MHz, GP = 6,5 dB.
n S — UH 63	2 N 5699	> 15/50	—	—	—	18e	1000	10 W/25c	200	TRW	4 W/470 MHz, GP = 5,6 dB.
n S — UH 73	2 N 5700, 1*	> 15/50	—	—	—	18e	3000	35 W/25c	200	TRW	10 e * 20 W uscita a 470 MHz.
n S — VH 43	2 N 5702	> 15/50	—	—	—	18e	500	880/25a	200	TRW	1 W/175 MHz, GP = 10 dB.
n S — VH 63	2 N 5703	> 15/50	—	—	—	18e	1000	10 W/25a	200	TRW	4,5 W/175 MHz, GP = 9 dB.
n S — VH 73	2 N 5704	> 15/100	—	—	—	18e	3000	25 W/25c	200	TRW	12 W/175 MHz, GP = 12 dB.
n S — VH 73	2 N 5705	> 15/100	—	—	—	18e	4000	44 W/25c	200	TRW	25 W/175 MHz, GP = 3,8 dB.
n S — VH 83	2 N 5706	> 15/100	—	—	—	18e	7000	80 W/25c	200	TRW	40 W/175 MHz, GP = 4,5 dB.
n S — VH 85	2 N 5707	5...50/100	—	> 50	—	50e	4000	70 W/25c	200	TRW	30 W/150 MHz, GP = 8 dB.
n S — VH 85	2 N 5708	5...50/100	—	> 50	—	50e	6000	100 W/25c	200	TRW	50 W/150 MHz, GP = 5 dB.
n S — VH 85	2 N 5709	5...50/200	—	> 50	—	50e	12 A	140 W/25c	200	TRW	100 W/100 MHz, GP = 4 dB.
n S — VH 53	2 N 5710	> 30/40	—	—	—	20e	500	3500/25c	200	TRW	0,3 W/150 MHz, GP = 11 dB.
n S — VH 64	2 N 5711	> 20/50	—	—	—	36e	750	10 W/25c	200	TRW	1,5 W/150 MHz, GP = 10 dB.
n S — VH 74	2 N 5712	> 10/100	—	—	—	40e	2000	25 W/25c	200	TRW	5 W/150 MHz, GP = 6 dB.
n S — VH 74	2 N 5713	> 10/100	—	—	—	40e	5000	45 W/25c	200	TRW	11 W/150 MHz, GP = 5 dB.
n S — VH 84	2 N 5714	> 10/100	—	—	—	40e	8000	70 W/25c	200	TRW	20 W/150 MHz, GP = 5 dB.
n S — UH 64	2 N 5715	20...200/50	—	> 3500	—	30e	200	6000/25c	200	TRW	0,25 W/2 GHz, GP = 10 dB.
n S — P 6/76	2 N 5729, 30*	30...300/2000	—	> 30	—	80e	5000	12 W/25c	200	Fair	* P _{DM} = 52 W.
n S — P 86	2 N 5731, 2	30...300/5000	—	> 30	—	80e	20 A	88 W/25c	200	Fair	V _{sat} = 1,2 V a 10 A.
n S — P 96	2 N 5733, 4	30...100/10 A	—	> 30	—	80e	30 A	175 W/25c	200	Fair	V _{sat} = 1,2 V a 20 A.
n S — UH 63	2 N 5764	> 15/50	—	—	—	25e	750	10 W/25c	200	TRW	3 W/1 GHz, GP = 6 dB.
n S — UH 73	2 N 5765	> 20/100	—	—	—	25e	1500	19 W/25c	200	TRW	5 W/1 GHz, GP = 6 dB.
n S — UH 53	2 N 5766	> 20/50	—	—	—	25e	200	5000/25c	200	TRW	1 W/2 GHz, GP = 8 dB.
n S — UH 63	2 N 5767	> 20/100	—	—	—	25e	350	10 W/25c	200	TRW	2,5 W/2 GHz, GP = 8 dB.
n S — UH 73	2 N 5768	> 20/100	—	—	—	25e	700	20 W/25c	200	TRW	5 W/2 GHz, GP = 7 dB.
p S — P 6/86	2 N 5769...72	(*)	—	> 30	—	80e	(*)	(*)	200	Fair	Vedi 2 N 5729...32, compl.
p S Me C 46	2 N 5781, 2*	20...100/1100	—	> 8	—	80	3500	1000/25a□	200	RCA	Complementari - * V _{CEM} = 65 V. - □ 10 W/25c. - ▲ > 4/3200.
p S Me C 45	2 N 5783	20...100/1600▲	—	> 8	—	45	3500	1000/25a□	200	RCA	
n S Me C 46	2 N 5784, 5*	20...100/1100	—	—	—	80	3500	1000/25a□	200	RCA	
n S Me C 45	2 N 5786	20...100/1600▲	—	—	—	45	3500	1000/25a□	200	RCA	

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_C (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_{j0} o T_j (°C)	T_{jM} (°C)	Fabbri- cante	Osservazioni
n S D C 89	2 N 5804, 5*	25...250 500□	—	> 15	< 450	300	5000	110 W/25c	200	RCA	* $V_{CEM} = 375$ V. - □ > 10/5000
p S — UH 34	2 N 5829	20...200 2	< 2,5*	1600	< 0,8	30	30	200/25a	200	Moto	* A 450 MHz, GP = 17 dB.
n S — BF 37 8	2 N 5830, 1*	80...500 25	—	> 100	< 4	120	600	310/25a	135	Fair	* $\beta = 80$. . .250/10, $V_{CEM} = 160$ V.
n S — BF 38	2 N 5832, 3	175...500 10	—	> 100	< 4	160	600	310/25a	135	Fair	* $\beta = 50$. . .250, $V_{CEM} = 200$ V.
n S P E P 89	2 N 5838	40 (> 8)/3000*	—	> 5	< 150	275	5000	100 W/25c	200	RCA	* > 20/500.
n S P E P 89	2 N 5839, 40*	50 (> 10)/2000□	—	> 5	< 150	300	5000	100 W/25c	200	RCA	* $V_{CM} = 375$ V. - □ > 20/500.
p S — DD 34	2 N 5843, 4*	50...150/0,1	< 3	> 200	< 6	40e	50	500/25a	200	Fair	* $\beta = 100$. . .300. - $\Delta V_{BE} < 2$ mV.
p S — BF 45 6	2 N 5855, 7*	50...300/150	—	> 15	< 100	60e	1000	750/25a	200	Fair	* $V_{CEM} = 80$ V.
n S — C 45 6	2 N 5858, 9*	50...300/150	—	> 200	< 12	60e	1000	750/25a	200	Fair	* $V_{CEM} = 80$ V.
p S — HC 33	2 N 5910	30...120/10	—	> 300	< 5	20e	50	310/25a	135	Fair	ts < 20 ns.
n S P E UH 54	2 N 5913	—	—	900	< 15	36	330	3500/75c	200	RCA	2 W/470 MHz, GP = 7 dB.
n S P E UH 64	2 N 5914, 5*	—	—	900	< 30	36	500	5700/75c	200	RCA	6 W/470 MHz. - * $I_{CM} = 1,5$ A
n S P E UH 53	2 N 5916, 7	—	—	—	< 4,5	24e	200	4000/75c	200	RCA	$P_{DM} = 10$ W.
n S P E UH 64	2 N 5918	—	—	—	< 13	30e	750	10 W/75c	200	RCA	2 W/1 GHz, GP = 5 dB.
n S P E UH 74	2 N 5919	—	—	—	< 22	30e	4500	25 W/75c	200	RCA	10 W/400 MHz, GP > 8 dB.
n S P E UH 55	2 N 5920	—	—	—	< 3	50	275	4150/75c	200	RCA	16 W/100 MHz, GP > 6 dB.
n S P E UH 65	2 N 5921	—	—	—	< 8,5	50	700	8300/75c	200	RCA	2 W/2 GHz, GP > 10 dB.
p S P E P 75	2 N 5954	20...100/3000*	—	> 5	—	45	6000	40 W/25c	200	RCA	5 W/2 GHz, GP > 7 dB.
p S P E P 76	2 N 5955, 6□	20...100/2200*	—	> 5	—	65	6000	40 W/25c	200	RCA	* > 5/6000.
n S — BF 35	2 N 5961	> 100/0,01*	2,5□	—	—	60e	—	310/25a	135	Fair	□ $V_{CM} = 80$ V. - * > 5/6000.
n S — BF 35	2 N 5962	> 450/0,01*	6□	—	—	45e	—	310/25a	135	Fair	* 150. . .950/10 - □ A 100 Hz.
n S — BF 34	2 N 5963	> 900/0,01*	< 8□	—	—	30e	—	310/25a	135	Fair	* 600. . .1550/10 - □ A 10 Hz.
n S — BF 47/8	2 N 5964, 5*	50...250/10	—	> 100	< 4	150e	600	700/25a□	135	Fair	* 1200. . .2200/10 - □ A 10 Hz
p G Al HF 22	36 T 1 RT	50/10	—	10	—	14e	50	150/25a	—	Sesc	* $V_{CEM} = 180$ V. - □ 2 W/25c.
p G Al HF 22	37 T 1 RT	100/10	—	15	—	10e	50	150/25a	—	Sesc	$V_{CBM} = 20$ V. - Amplificazione 470 kHz.
n S P E C 37	40 T 6	30...100/25	—	—	—	100	200	200/25a	100	Sesc	$V_{CBM} = 14$ V. - Amplificazione 470 kHz.
+p G Al BF 32	44 T 1	54/100	—	1,2	35	12e	300	400/25a*	60	Sesc	Cancellez. ritorno riga TV.
											$V_{CBM} = 45$ V. - * Sul radiatore 7 × 7 cm.

Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I_c (mA)	F_b (dB)	f_t (MHz)	C_{cb} (pF)	V_{CM} (V)	I_{CM} (mA)	P_{DM} (mW) / a T_a o T_c (°C)	T_{jM} (°C)	Fabbri-cante	Osservazioni
n S — P 65	71 T 2	30...90/1000*	—	—	—	60e	—	10 W/100c	175	Sesc	$V_{CBM} = 80 \text{ V.} - * > 25/2000.$ $- P_{DM} = 2000/25a. - \square > 40/2000.$
n S — P 65	72 T 2	75...200/1000□	—	—	—	60e	—	10 W/100c	175	Sesc	
n S — P 65	73 T 2	30...90/200*	—	—	—	60e	—	10 W/100c	175	Sesc	$* > 10/1000 - V_{CBM} = 80 \text{ V.}$ $- \square > 20/1000. - P_{DM} = 2 \text{ W a } 25^\circ \text{ C amb.}$
n S — P 65	74 T 2	75...200/200□	—	—	—	60e	—	10 W/100c	175	Sesc	
n S P I C 37	90 T 2	> 20/30	—	—	—	100b	—	200/25a	125	Sesc	Comando tubi neon.
n S P E B F 33	91, 2*, 3□ T 6	250...500/1	—	—	< 4	18e	100	200/25a	100	Sesc	$\beta = * 150...300 \text{ e } \square 90...180$ $* V_{CEM} = 125 \text{ V.} - \square 15/20 \text{ A.}$ $A \text{ valanga, } t_f < 4 \text{ ns.}$
n S M e P 96/7	108, 9* T 2	20...60/10 A □	—	30	—	80e	30 A	175 W/25c	200	Sesc	
n S P E H C 45	111 T 2	30...120/150	—	—	—	60e	—	800/25a	175	Sesc	
n S — P 85	180 T 2 A, B, C	15...45/2000*	—	> 10	—	60	6000	85 W/25c	200	Sesc	$* \text{ Tipo A. - Tipo B: } 30...90, \text{ tipo C: } 75...180. - \square 45 \text{ W/100c.} - \text{ Equivalenti a BDY } 23...28$
n S — P 86	181 T 2 A, B, C	15...45/2000*	—	> 10	—	90e	6000	85 W/25c□	200	Sesc	
n S — P 87	182 T 2 A, B, C	15...45/2000*	—	> 10	—	140e	6000	85 W/25c□	200	Sesc	
n S — P 88	183 T 2 A, B, C	15...45/2000*	—	> 10	—	180e	6000	85 W/25c□	200	Sesc	
n S — P 88	184 T 2 A, B, C	15...45/2000*	—	> 10	—	200e	6000	85 W/25c□	200	Sesc	
n S — P 88	185 T 2 A, B, C	15...45/2000*	—	> 10	—	250e	6000	85 W/25c□	200	Sesc	
+p G A I B F 23	322 T 1	48/20*	—	2	—	16e	100	100/25a	75	Sesc	$V_{CBM} = 20 \text{ V.} - * 40/1.$ $V_{CBM} = 20 \text{ V.} - * 64/1.$ $V_{CBM} = 20 \text{ V.} - * 90/1.$ $V_{CBM} = 20 \text{ V.} - * 135/1.$
+p G A I B F 23	323 T 1	70/20*	—	2,5	—	16e	100	100/25a	75	Sesc	
+p G A I B F 23	324 T 1	90/20*	—	3	—	16e	100	100/25a	75	Sesc	
+p G A I B F 23	325 T 1	125/20*	—	3,5	—	16e	100	100/25a	75	Sesc	

CLASSIFICAZIONE SECONDO LE FUNZIONI

Transistori bipolari a giunzione

TABELLA 12

$P_{DM} \leq 50 \text{ mW}$, $V_{CM} < 15 \text{ V}$.

Tecnologia	Tipo	Guad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p G MA HF	2 N 1787, 90	> 20 1	—	40 dB 0,5 MHz.
p G MA HF	2 N 1786, 9	> 15 1	—	35 dB 1,6 MHz.
p G MA HF	2 N 1785, 8	> 40 1	—	35 dB 1,6 MHz.
p G MA VH	2 N 588	—	50	
p G PE UH	2 N 5043	15...150 3	1500	
n S PE HF	BFY 87	> 40 0,5	> 50	Submin. $t_f < 50 \text{ ns}$.
n S PE HF	BFY 69	> 50 2	> 50	
n S PE HC	BSW 11	> 50 10	> 400	

TABELLA 13-14

$P_{DM} \leq 50 \text{ mW}$, $V_{CM} 16...35 \text{ V}$.

Tecnologia	Tipo	Guad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p G MA VH	2 N 503	—	—	FM.
p G MA HF	2 N 504	16	—	FI-AM.
p G MA VH	2 N 499, A	20...80	240	

n S PE BF	BC 196	75...500 2*	130	* Gruppo. $F_b = 3 \text{ dB}$.
n S PE BF	BC 198	125...500 2	300	
n S PE BF	BC 146	> 140 0,2	> 10	
n S PE BF	BC 199	240...900 2	300	
n S PI HF	BF 229	115 1	260	$F_b = 2 \text{ dB}$.
n S PE HC	BSW 12	> 40 10	> 300	
n S PE HF	BF 227	100 3	600	
n S PE VH	BF 230	67 1	200	

TABELLA 21

$P_{DM} = 51...150 \text{ mW}$, $V_{CM} < 9 \text{ V}$.

Tecnologia	Tipo	Guad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p G ADC	2 N 711 B	> 30/10	> 150	$t_f = 90 \text{ ns}$.
p G Me HC	2 N 985	> 60/100	300	
p G Me HC	2 N 2258	30/10	320	
p G Me HC	2 N 2259	50/10	320	
p G Me HC	2 N 975	75 (> 40)/25	320	
p G Me HC	2 N 971	35 (> 20)/25	350	
n G Ti HF	2 N 1086, 7, A	17...200/1	9	
n G Me HC	2 N 797	> 40/10	> 600	Conv. AM.
p S PI BF	2 N 2175, 6	> 30/0,02	—	

p S PI BF	2 N 2778	> 70/5 μ A	—	Chopper. Chopper.
p S PI BF	2 N 2777	> 70/0,05	—	
p S — C	2 N 3319,	—	> 12	
p S — C	2 N 1676, 7	10/1	> 16	
p S AI HF	2 N 2164, 7	38/1	> 16	
n S PE BF	BC 155, 156	> 80/0,5	> 50	

TABELLA 22

$P_{DM} = 51 \dots 150 \text{ mW}$, $V_{CM} = 9 \dots 15 \text{ V}$.

Tecno- logia	Tipo	Guad. di corrente / a_{IC} (mA)	f_t (MHz)	Osservazioni
p G AI C	2 N 427	35 (> 15)/10	15	$tr = 0,35 \mu s$.
p G AI C	2 N 581	> 20/20	> 4	
p G AI C	2 N 579	> 20/400	5	$tr = 0,3 \mu s$.
p G AI C	2 N 428	40 (> 20)/10	30	
p G AI C	2 N 519 A	20... 50/20	> 0,5	
p G AI C	2 N 316, A	20... 50/200	12	
p G AI C	2 N 317, A	20... 60/400	20	
p G AI C	2 N 394	20... 150/10	7	
p G AI BF	AC 130	> 25/10	> 2	
p G AI C	2 N 414	30... 120/10	6,5	
p G AI C	2 N 520 A	40... 170/20	> 3	
p G AI C	2 N 582	60 (> 40)/24	> 14	
p G AI C	2 N 521 A	60... 250/20	> 8	
p G AI BF	2 N 508, A	112/1	3,5	
p G AI C	2 N 522	80... 320/20	> 15	
p G AI C	2 N 523 A	100... 400/20	> 21	
p G MA HF	2 N 1752	50... 300/1	—	* > 10/200.
p G AI HF	2 N 395	20... 150/10*	5	
p G AI HF	2 N 396	20... 150/10	9	
p G AI HF	2 N 397	40... 150/*0	9	
p G AI HF	SFT 229	75... 120/10*	25	* Violetto.
p G Me HC	2 N 1683	85 (> 50)/40	80	$t_s = 80 \text{ ns}$.
p G — HC	2 N 2400	> 30/10	150	

p G Me HC	2 N 2635	> 30/100	> 150	$t_f = 90 \text{ ns}$.
p G AD C	2 N 711 A	25... 150/10	> 150	
p G — HC	2 N 2401	> 50/10	200	
p G — HC	2 N 4102	> 60/10	250	
p G Me HF	2 N 741	> 10/5	360	
p G Me HF	2 N 2273	20... 150/1	360	
p G Me HC	2 N 711	> 20/10	300	$t_s \leq 100 \text{ ns}$.
p G Me HC	2 N 705	> 25/10	300	
p G Me HC	2 N 968... 70	35 (> 20)/25	320	
p G Me HC	2 N 972... 4	75 (> 40)/25	320	
p G — HC	2 N 2170	> 20/10	350	
p G — HC	2 N 2487	> 20/10	> 360	$t_f < 20 \text{ ns}$.
p G — HC	2 N 2488	> 20/50	> 360	
p G Me VH	2 N 2416	8... 200/2	400	
p G Me VH	AF 109	50 (> 20) 1,5	—	
p G Me HC	2 N 828, A	40/10	400	
p G Me HC	2 N 829	80 (> 50)/10	400	$t_s = 50 \text{ ns}$.
p G Me VH	2 N 2996	25... 500 4	> 400	
p G — HC	2 N 2169	> 40/10	450	
p G Me HC	2 N 960... 3	40/10	460	
p G Me HC	2 N 964... 7	70/10	460	
p G Me HC	2 N 964 A	80/10	460	
p G Me VH	2 N 2415	10... 200/2	500	
p G Me VH	2 N 2998	15... 300/3	600	
p G Me HC	2 N 710	> 25/10	> 600	
p G Me VH	2 N 3785	> 15/3	> 800	
p G — HC	2 N 3322	> 30/10	900	$tr < 10 \text{ ns}$.
p G — HC	2 N 3320	> 50/20	900	
p G — HC	2 N 3321	> 100/10	900	
p G Me UH	AF 139	50 (> 10) 1,5	550	
p G Me UH	2 N 2999	> 10/3	> 1400	
n G AI C	2 N 585	> 20/20	> 3	
n G AI C	2 N 358	20... 50/300	9	0,5 A max.
n G AI C	2 N 1090	> 30/20	> 5	
n G — BF	2 N 595	50 (> 35)/1	> 3	
n G AI C	2 N 1091	> 40/20	> 10	Bilaterale.
n G — BF	2 N 596	70 (> 50) 1	> 5	
n G AI C	2 N 440	125 (> 50)/1	> 10	
n G AI C	2 N 446 A	60... 250/20	> 5	

n G Al C	2 N 447 A	80...300/20	> 9	
n G Ti HF	2 N 169	34...200/1	9	
p S Pl C	2 N 2332, 3	—	1	Chopper.
p S — C	2 N 3318	—	> 7,6	Chopper.
p S Al BF	2 N 2276, 7	> 10/5	> 6	
p S Al BF	2 N 2278, 9	> 10/5	> 7,6	
p S Al BF	2 N 2166	25/1	> 10	
p S Al BF	2 N 2372	> 15/0,03	> 2	
p S — C	2 N 496, 1119	> 15/15	> 7	
p S — C	2 N 2968, 9	> 15/1	> 10	Bilaterale.
p S — C	2 N 2378	> 15/15	20	
p S Al C	2 N 2163	35/1	> 14	
p S Al BF	2 N 2373	> 20/0,03	> 2	
p S PE HC	2 N 4411	40...160/0,5	> 400	
n S Ti HF	2 N 1417	60/1	34	
n S PE C	BSX 68	30 300 10	~ 175	
n S PE UH	BFS 17	20 2	1300	Fb = 4,5 dB.
n S PE UH	BFW 92	20 2	1600	Fb < 4 dB.

TABELLA 23

 $P_{DM} = 51 \dots 150 \text{ mW}$, $V_{CM} = 16 \dots 25 \text{ V}$.

Tecnologia	Tipo	Guad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p G Al C	2 N 426	30 (> 10)/10	10	$t_r = 0,4 \mu s$.
p G Al C	2 N 315	15...30/100	5	
p G — BF	2 N 592	25 (> 15)/1	> 0,4	Bilaterale.
p G Al BF	2 N 405, 6	35/1	0,65	
p G Al C	2 N 315 A	20...50/100	5	
p G Al C	2 N 413	20...100/10	6,5	
p G Al C	2 N 404	55/30	12	
p G Al C	ASY 26	30...80/20	> 4	$t_a < 1,25 \mu s$.
p G Al BF	2 N 407, 8	80/40	—	
p G Al C	ASY 27	50...150/20	> 6	$t_a < 1,25 \mu s$.
p G Al BF	2 N 2613	250/2	—	

p G Al BF	2 N 2953	350 (> 200)/10	10	
p G MA HF	2 N 1728	> 25/1	—	> 40 dB/0,5 MHz.
p G MA HF	2 N 1748, A	30 150	—	
p G D HF	AF 172	70/1	—	FI = 0,5 MHz.
p G D HF	AF 171	225/1	—	FI-AM.
p G Al HF	AF 187, 8	—	5	
p G Al HF	SFT 307	25...120/1	7	FI-AM.
p G MA HF	2 N 1865	60/1	—	
p G Al HF	SFT 227	35...55 10*	7,5	* Giallo
p G Al HF	SFT 227	50...80 10*	7,5	* Blu.
p G Al HF	SFT 228	50...80 10*	12	* Blu.
p G Al HF	SFT 228	75...120 10*	12	* Violetto.
p G MA HF	2 N 1727	> 15/1	—	> 35 dB/1,6 MHz.
p G MA HF	2 N 1726	> 40/1	—	> 35 dB/1,6 MHz.
p G Al HF	SFT 308	40...160/1	13	Conv. AM.
p G D HF	AF 170	80/1	—	Conv. AM.
p G — HF	AFY 15	30...200/0,5	16	
p G Al C	SFT 288	40...100/400	16	$t_r = 90 \mu s$.
p G Al HF	SFT 229	110...180 10*	25	* Bianco.
p G D HF	SFT 319	> 20/1	30	FI-AM.
p G D HF	2 N 1524, 5	60/1	33	33 dB/0,5 MHz.
p G D HF	2 N 1526, 7	130/1	33	Conv. AM.
p G D HF	SFT 320	80 (> 20)/1	35	Conv. AM.
p G MA HF	2 N 1746	> 10	—	30 dB/4,5 MHz.
p G MA HF	2 N 1747	> 10	—	> 25 dB/10 MHz.
p G D HF	SFT 317	100 (> 20)/1	40	OC.
p G D HF	SFT 316	120/1	> 60	FI-AM/FM.
p G D HF	2 N 384	20...175/1,5	70	OC.
p G D HF	SFT 354	120/1	80	OC.
p G — HC	2 N 2048	> 50/10	250	$t_r < 60 \text{ ns}$.
n S Pl HF	BF 184	70...770/1	280	OC.
p G Me HF	2 N 741 A	> 10/5	360	
p G MA VH	2 N 1868	33/1	—	
p G MA VH	2 N 1745	33	—	> 21 dB/45 MHz
p G D VH	SFT 357	120 (> 60)/1	85	Conv. FM.
p G D VH	SFT 358	120 (> 60)/1	110	FM.
p G MA VH	2 N 1744, 2362	33/1	—	1,5 mW/250 MHz.
p G MA VH	2 N 502	65	—	TV.
p G MA VH	2 N 1743, 2361	33/1	—	
p G MA VH	2 N 2399	33/1	—	Conv. TV.
p G MA VH	2 N 2398	33/1	—	TV.

p G MA VH	2 N 1742, 2360	33 1	—	> 14 dB/200 MHz.
p G PI VH	AF 256	28 (> 10) 1	> 170	14 dB/200 MHz.
p G Me VH	AF 106	50 (> 25) 1	220	
p G Me VH	AFY 12	25...120 1	230	
p G Me VH	AF 109	100 (> 20) 2	280	
p G — HC	2 N 2489	> 20 10	> 300	
p G — HC	2 N 2796	> 30 10	> 300	
p G — HC	2 N 2795	> 50 10	> 300	
p G Me HC	2 N 2955	43 50	350	
p G Me HC	2 N 827	150 (> 100)/10	350	
p G Me HC	2 N 2956	64/50	375	
p G Me VH	2 N 3286	> 5	400	
p G Me VH	2 N 3285	> 5	400	18 dB/200 MHz.
p G Me VH	2 N 3284	> 10/3	400	
p G Me VH	2 N 3283	> 10/3	400	
p G Me HC	2 N 2957	105 50	400	
p G Me VH	2 N 3127	20...100 3	> 400	> 17 dB 200 MHz.
p G — HC	2 N 2168	> 50/10	450	tr < 18 ns.
p G Me VH	2 N 700	> 4/2	500	
p G Me VH	2 N 700 A	> 4/2	800	
p G Me UH	AFY 16	60 (> 10) 1,5	550	
p G Me UH	AF 239	33 (> 10) 2	650	
p G Me UH	AF 240	25 (> 10) 2	650	14 dB/800 MHz.
p G Me UH	AFY 40	50 (> 10) 1,5	790	12 dB/800 MHz.
p G PI UH	AF 280	25 (> 10) 2	> 600	14 dB/800 MHz.
p G PI UH	AF 279	50 (> 10) 2	> 600	16 dB/800 MHz.
n G AI C	2 N 438	26 (> 15) 1	> 2,5	
n G Ti C	2 N 1694	15...45/2	9	
n G — BF	2 N 594	35 (> 20) 1	> 1,5	Bilaterale.
n G AI C	2 N 356, A	20...50/100	3	0,5 A max.
n G AI C	2 N 357, A	20...50/200	6	0,5 A max.
n G AI C	2 N 377	20...60/30	6	
n G AI C	2 N 444 A	20...80/20	> 0,5	
n G AI C	2 N 358 A	25...75/300	9	
n G AI C	ASY 28	30...80/20*	> 4	> 15/200.
n G AI C	2 N 439	60 (> 30) 1	> 5	
n G AI C	2 N 586	55 (> 35) 250	—	
n G AI BF	2 N 647, 9	70/50	—	
n G AI C	2 N 1605	> 40 20	> 4	
n G AI C	2 N 1012	> 40 100	> 3	

n G AI C	2 N 445 A	40...160/20	> 2	
n G AI C	ASY 29	50...150/20*	> 6	* > 20/200.
n G AI BF	AC 176	50...250/300*	3	* 30/1000.
n G Ti HF	2 N 167 A	17...90/8	9	tr = 0,7 μs.
n G Ti HF	2 N 169 A	34...200/1	9	
n G AI HF	2 N 1302	50 (> 20)/10*	10	* > 10/200.
n G AI HF	2 N 1304	40...200/10*	15	* > 15/200.
n G AI C	2 N 388	60...180/30*	17	* > 30/200.
n G AI HF	2 N 1306	60...300/10*	20	* > 20/200.
n G AI HF	2 N 1308	150 (> 80)/10*	25	* > 20/200.
p S AI BF	2 N 2274, 5	> 10/5	> 6	
p S — C	2 N 2970, 1	> 10/1	> 8	Bilaterale.
p S AI BF	2 N 2165	25/1	> 10	
p S AI C	2 N 2162	35/1	> 14	
p S — C	2 N 2377	15...120/1	20	
p S PE HF	BFS 26	110 (> 30)/1*	550	* > 10/50.
n S PE C	2 N 1708	> 20/10	> 200	
n S PE C	BSW 13	> 40/10	> 280	
n S PE C	BSX 69	60...180/10	> 175	
n S PE HF	BFX 45	100...400/10*	> 175	* > 45 3.
n S PE HF	BFS 27	120 (> 30)/1*	400	* > 10/50.
n S PE VH	BFS 18	125/10	200	Fb = 4 dB.
n S PE VH	BF 185	36...125/1	200	
n S PE HF	BF 184	67...220/1	260	
n S PE VH	BFS 19	225/10	260	Fb = 4 dB.
n S PE VH	BFS 20	85 (> 40)/7	450	
n S PI VH	BF 200	30 (> 15)/3	650	22 dB 200 MHz.
n S PI UH	BF 182	20 (> 10)/2	600	9 dB 800 MHz.
n S PI UH	BF 181	30 (> 12)/2	600	8 dB 800 MHz.
n S PI UH	BF 180	45 (> 12)/2	675	9 dB 800 MHz.
n S PI UH	BF 183	20 (> 10)/3	800	

TABELLA 24

P_{DM} 51 150 mW, V_{CM} 26 40 V.

Tecnologia	Tipo	Guad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p G — BF	2 N 593	30 (> 25)/1	> 0,6	Bilaterale.
p G Al C	2 N 404 A	55/30	12	
n G Al C	2 N 1605 A	> 40/20	> 4	
p G Al BF	ACY 32	50 150/1*	1,5	* Raggruppato.
p G Al BF	ACY 23	50 150/1*	1,5	* Raggruppato.
p G Al BF	AC 170	125 (> 50)/2	2	
p G Al BF	AC 153	50 250/300*	1,5	* Raggruppato.
p G Al BF	AC 116	55 140/4	1	
p G Al BF	AC 171	180 (> 65)/2	2	
p G Al BF	2 N 2614	160 (100)/1	> 4	
p G MA HF	2 N 1749	30 150	—	
p G MA HF	2 N 1866, 7	> 40 1	—	
p G Al HF	2 N 1303	50 (> 20)/10*	5	* > 10/200.
p G Al HF	2 N 1305	40 200/10*	10	* > 15/200.
p G Al C	SFT 298	100 (> 35)/350	15	
p G Al HF	2 N 1307	60 300 10*	15	* > 20/200.
p S — C	2 N 1118 A	15 35/1	18	
p G Al HF	2 N 1309	150 (> 80)/10*	20	* > 20/200.
p G D HF	AF 168	85/1	—	OC.
p G D HF	AF 166	85/1,5	—	FI-AM/FM.
p G D HF	SFT 315	20 150/1	30	
p G D HF	2 N 274, 1023, 1066, 1224	20 175/1,5	30	$t_r = 40$ ns.
p G D HF	2 N 1395, 7	50 175/1,5	30	
p G D HF	2 N 1638	75/1	40	35 dB/260 kHz.
p G D HF	2 N 1639	75/1	45	Conv. AM.
p G D HF	2 N 1631, 2, 7	80/1	45	25 dB/1,5 MHz.
p G D HF	2 N 1225	20 175 1,5	70	
p G D HF	2 N 1396	50 175 1,5	70	
p G AD HF	AF 126, 7	140 (> 40) 1	75	
p G — HC	2 N 2048 A	> 40/50	> 150	$t_r < 20$ ns.
p G Me HC	2 N 838	70 (> 30) 10	450	

p G AD VH	AF 124, 5	140 (> 40)/1	75	FM.
p G Me VH	2 N 2188, 90	> 40/2	125	
p G Me VH	2 N 2189, 91	> 60/2	150	
p G MA VH	2 N 502 A, B	20 80	—	
p G Me VH	2 N 3281, 2	10 100/3	400	
p G Me VH	2 N 2997	40 500/4	> 400	
p G Me VH	2 N 3279, 80	15 70/3	500	
p G Me VH	2 N 3783	> 20/3	> 800	
p G Me VH	2 N 3784	> 20/30	> 800	
p G Me UH	AFY 37	40 (> 10)/2	600	
n G — C	2 N 1672	15 125 1	—	Neon.
n G Al C	2 N 388 A	60 180/30*	17	* > 30/200.
n G Me HF	2 N 3325	30 200 3	360	30 dB/1,6 MHz.
n G Me VH	2 N 3323	30 200 3	360	13 dB/100 MHz.
n G Me VH	2 N 3324	30 200 3	360	FI-FM.
p S PE C	2 N 2185, 7	—	—	
p S PI C	2 N 2334, 5	—	1	Chopper.
p S — C	2 N 3317	—	> 6,4	Chopper.
p S — C	2 N 1118	> 15/1	21	
p S PI BF	BFS 14	210 (> 20)/0,01*	40	* > 40 0,1...10.
p S PE C	BFS 16	90 (> 25)/1*	210	* > 30 80.
p S PI UH	BF 316	50 (> 30)/3	700	
p S PE UH	BF 272	60 (> 30)/3	1000	11 dB 800 MHz.
p S PI DD	BCY 87	100 150/0,05	> 10	
p S PI DD	BCY 88, 9	100 450/0,05	> 10	
n S PI BF	BFS 13	200 (> 30)/0,01*	90	* > 50 0,1...10.
n S PE C	BFS 15	130 (> 35)/1*	400	* > 50 50.
n S PE C	BSW 33	60 180/10	300	$t_s = 150$ ns.
n S PE C	BSX 53	> 100/10	> 200	
n S Ti HF	2 N 1418	60/1	34	
n S PI HF	BFW 63	70 (> 25)/4	> 400	$F_b < 5$ dB.
n S PE HF	BF 251	45 (> 30)/3,5	600	FI-TV.
n S PE HF	BF 273	> 40,1	600	$F_b = 2$ dB.
n S PI HF	BF 274	> 70/1	600	

n S PI VH	BF 185	33...134/1	230	< 100 MHz.
n S PI VH	BF 167	57 (> 26)/4	350	FI-TV, CAG.
n S PI VH	BF 252	55 (> 30)/2	400	22 dB 100 MHz.
n S PI VH	BFW 64	70 (> 30)/4	> 450	Fb < 6 dB.
n S PI UH	EFX 62	40 (> 20)/2	650	

n S — C	DT 1602	> 5/3	—	Neon.
n S D C	DT 1612, 13	> 20/3	—	Neon.
n S PI BF	2 N 1055	20...80/50	> 3	V _{CM} = 100 V.
n S PI C	BF 228	> 30/2	> 50	Neon.
n S PI C	BSW 69	> 30/4	130	Neon.

TABELLA 25

$P_{DM} = 51...150 \text{ mW}$, $V_{CM} = 41...60 \text{ V}$.

Tecnologia	Tipo	Guad. di corrente / a I _C (mA)	f _t (MHz)	Osservazioni
p G — C	2 N 1408	20 (> 10)/20	—	Neon.
p G Al BF	AC 123	55...140/4	1	
p S PI C	2 N 2336, 7	—	1	Chopper,
n S PE C	BSW 35	50...200/10	300	Fb = 3 dB.
n S PE C	BSW 34	60...300/10	300	
n S PE C	BSX 54	> 100/10	> 200	
n S PE BF	BC 197	125...500/2	300	
n S PI DD	BCY 87, 8, 9	> 100/0,05	> 10	

TABELLA 26-27

$P_{DM} = 51...150 \text{ mW}$, $V_{CM} = 61...150 \text{ V}$.

Tecnologia	Tipo	Guad. di corrente / a I _C (mA)	f _t (MHz)	Osservazioni
p G Al C	2 N 398, A, B	> 20/5	—	V _{CM} = 105 V.
p S PE HC	2 N 3497	> 40/10	> 150	V _{CM} = 120 V.
p S PE HC	2 N 3496	> 40/10	> 200	

TABELLA 31

$P_{DM} = 151...500 \text{ mW}$, $V_{CM} < 9 \text{ V}$.

Tecnologia	Tipo	Guad. di corrente / a I _C (mA)	f _t (MHz)	Osservazioni
p S — C	2 N 5141	> 25/10	> 300	t _f < 150 ns.
p S PE C	2 N 5228	> 30/10	> 300	t _s < 90 ns.
p S PE C	2 N 2424	30...250/5*	> 15	* > 25 25.
p S PE BF	2 N 3058	40...120/0,1 μA*	10	* > 100 0,01.
p S PE C	2 N 4006, 9	> 40/1	> 20	ρ _{sat} < 4 Ω.
p S PE BF	BC 201	50...500/0,3*	80	* Raggruppato.
p S Al HC	2 N 3342	> 30/5	—	t _s < 60 ns.
p S — HC	2 N 5140	20...140/10	> 400	t _f < 20 ns.
p S PE VH	2 N 3304	30...120 10	700	
n S PE C	2 N 2356, A	—	50	Chopper.
n S PI BF	BCY 50	> 60/0,1	—	
n S PE BF	BC 121	75...900/0,25*	50	* Raggruppato.
n S Me HC	2 N 2256	30/10	320	t _s < 5 ns. t _f < 5 ns.
n S Me HC	2 N 2557	50 10	320	
n S PE VH	2 N 3013	30...120/30	550	
n S PI VH	2 N 709	20...120 10	800	
n S PE VH	2 N 3010	20...125/10	> 600	
n S PE HC	2 N 2475	30...150/20	800	
n S PI HC	BSX 27	80/10	800	
n S PE HC	2 N 2784	40...120/10	> 1000	
n S PE HC	2 N 3633	25...150/10	> 1300	

TABELLA 32

 $P_{DM} = 151 \dots 500 \text{ mW}$, $V_{CM} = 9 \dots 15 \text{ V}$.

Tecnologia	Tipo	Quad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p G Al BF	44 T 1	54/100	1,2	
p G Al C	2 N 417	60...260/3	> 15	
p G Al C	2 N 1705	70...150/1	4	
p G Me HC	2 N 1404 A	> 25/200	200	
p G Me HC	2 N 1494 A	> 25/200	200	
p G Me HC	2 N 2381	45/200	400	
p G Me VH	2 N 2929	10...100/10	1100	
p S PE C	2 N 3217	—	10	
p S Al BF	2 N 1028	> 9/1	—	
p S Al C	2 N 2004, 5	> 12/1	> 0,5	
p S Al BF	2 N 1228	14...32/1	3	
p S Al BF	2 N 2370	> 15/0,03	> 2	
p S Al BF	2 N 1027	> 18/1	—	
p S Al BF	2 N 2371	> 20/0,03	> 2	
p S PE C	2 N 2425	25...110/5	> 10	
p S Al BF	2 N 1229	28...65/1	4	
p S PE C	2 N 4007, 10	> 30/1	> 15	$p_{sat} < 6 \Omega$.
p S PE BF	2 N 5221	30...600/50	> 100	0,5 A max.
p S Al C	2 N 3977	> 40/1	> 1	
p S Al BF	2 N 1443	> 50/1	> 0,5	
p S PE C	2 N 5229	> 50/0,1	> 8	Chopper.
p S PE C	2 N 2944	80...450/1	15	
p S PE BF	2 N 3059	100...300/0,01	—	
p S PI HF	2 N 996	> 35/20	100	
p S PE C	BSV 21	> 25/10	> 400	
p S PE VH	2 N 3012	20...120/30	> 200	
p S PE HC	2 N 3248	50...150/10	> 250	
p S PE HC	2 N 3249	100...300/10	> 300	
p S PE VH	2 N 2894	40...150/30	> 400	

p S — HC	2 N 5455	30...120/30	> 450	$t_s < 35 \text{ ns}$.
p S — HC	2 N 3640	30...120/10	> 500	
p S — HC	2 N 5055	30...100/30	> 550	
p S PE HC	2 N 5332	20...80/1...50	> 600	$t_s < 70 \text{ ns}$.
p S — HC	2 N 5056	30...100/10	> 600	
p S PE HC	BSX 29	60/30	700	
p S PE HC	2 N 3546	30...120/10	> 700	
p S — HC	2 N 5057	40...100/30	> 800	
p S PE HC	BSW 25	40...120/30	1200	
p S PI HC	2 N 4261	30...150/10	2000	$t_r < 1,2 \text{ ns}$.
n S PE BF	2 N 5220	30...600/50	> 100	0,5 A max.
n S PE BF	2 N 5219	35...500/2	> 150	
n S PE C	2 N 2569, 70	> 50/100	> 100	Chopper.
n S — C	2 N 5131	30...500/10	> 100	
n S PI HF	2 N 995	75 (> 35) 20	> 100	
n S — HF	2 N 5127	> 12/2	> 150	$F_b = 3,7 \text{ dB}$.
n S PE HF	2 N 3825	> 20/2	> 200	
n S PE HC	BSY 61	30...300/10	> 200	
n S — C	2 N 5128, 9	35...350/50	> 200	$t_f = 80 \text{ ns}$.
n S — HC	2 N 5134	20...150/10	> 250	$t_s < 18 \text{ ns}$.
n S PE HC	BSW 39, 40	30...150/10	> 250	
n S PE C	2 N 5224	40...400/10	> 250	$t_s < 35 \text{ ns}$.
n S — HC	2 N 3210	30...120/10	> 300	
n S PE C	2 N 3605, 6, 7	> 30/10	300	
n S PE HC	BSX 90	20...60/10	> 300	
n S PE HC	2 N 2481	40...120/10	> 300	
n S PE HC	BSX 91	40...120/10	> 300	
n S PI HC	2 N 4264	40...160/10	> 300	
n S — HC	2 N 3211	50...150/10	> 300	0,5 A max.
n S PE HC	BSX 80	80/10*	> 300	* > 15 0,5.
n S PI HC	2 N 4265	> 100/10	> 300	
n S PE HC	2 N 3510	25...120/150	350	
n S PE HC	2 N 3647	25...150/150	> 350	
n S — HC	2 N 3646	30...120 30	> 350	$t_s = 18 \text{ ns}$.
n S PE HF	2 N 3564	20...500 15	> 400	> 10 dB/30 MHz.
n S PE HC	2 N 5186	> 25 10	> 400	$t_s < 10 \text{ ns}$.
n S — HC	2 N 4274, 5	30...120 10*	> 400	* > 18/100.
n S — HC	2 N 4294, 5	30...120 10	> 400	
n S PI HF	BF 160	50 3	> 400	
n S PE HF	2 N 5222	20...1500 4	> 450	FI, AM-FM-TV.

n S PE VH	2 N 3009	30...120/30	> 350	* > 15/300
n S PE VH	2 N 3013	30...120/30*	> 350	
n S PE VH	2 N 3011	30...120/10	> 400	ts = 7 ns. 17 dB 200 MHz.
n S PE HC	2 N 3576	40...120/10	> 400	
n S PE HC	2 N 3261	40...150/10	440	
n S — VH	2 N 5130	> 12/8	> 450	
n S PE HC	2 N 3511	30...120/150	450	
n S PE HC	2 N 3648	30...120/150	> 450	
n S PI VH	2 N 2656	40...160/100	—	
n S PE VH	2 N 3289, 90	10...150/2	500	
n S PE VH	2 N 3014	30...120/30	550	
n S PI HC	BSX 26	60/30	550	
n S PE HF	BF 160	50 (> 20)/3	600	Memorie. FI-FM.
n S PE VH	2 N 2865	20...200/4	> 600	14 dB 200 MHz. ts < 13 ns.
n S PE VH	2 N 3563	20...200/8	> 600	
n S PE HC	2 N 5187	> 25/30	> 600	
n S PI HC	BSX 28	70/30	650	
n S PE VH	2 N 5180	20...200/2	> 650	
n S PE VH	BF 152	50 (> 20)/3	800	
n S PE VH	BF 158	50 (> 20)/4	800	
n S PE VH	2 N 3600	40...200/2	> 850	
n S PE VH	2 N 2616	50 (> 20)/3	900	
n S PE HC	2 N 743	20...60/10	> 900	
n S PE VH	2 N 5179	25...250/3	> 900	FI-TV. ts = 14 ns. > 15 dB 200 MHz. * > 20/100. Fb < 4 dB.
n S PE HC	2 N 744	40...120/10*	> 900	
n S — VH	2 N 3683	> 30/8	1000	
n S PE VH	2 N 3572	20...300/5	> 1000	
n S PE VH	2 N 3571	20...200/5	> 1200	
n S PE HF	BFX 42	90...300/10	1400	
n S PE UH	2 N 3478	25...150/2	900	
n S PE VH	BFY 66	> 20/3	> 600	
n S PI UH	2 N 918	50 (> 20)/3	900	
n S PE UH	BFX 73	50 (> 20)/3	900	
n S PE UH	BFX 89	> 20/3	> 1000	2 N 918. 40 mW 500 MHz. Ampl. Ant. Fb < 3 dB. 12,5 dB 450 MHz.
n S PE UH	BFW 30	> 25/5...50	> 1000	
n S — UH	2 N 5031, 2	25...300/1	> 1000	
n S PE UH	2 N 3839	30...150/3	> 1000	
n S — UH	2 N 2857	30...150/3	> 1000	
n S PE UH	2 N 3662, 3	20...75/8	1200	
n S — UH	2 N 3880	> 50/3	1200	

n S — UH	2 N 3953	> 40 2	1100	Fb 3 dB.
n S PE UH	BFY 90	150 (> 25) 2	> 1300	> 6 dB 800 MHz.
n S PE UH	2 N 3570	20...150 5	> 1500	
n S PI UH	BF 357	20...350 5	1600	
p S PI HC	2 N 4260	30...150 10	> 1600	
n S PE UH	BFS 55	> 30 25	3000	
n S PE UH	BFW 99	90 5	3000	
n S PI DD	BFY 84	> 20 3	> 600	Fb < 6 dB.
n S DD HF	BFS 49	> 30 3	> 600	Larga banda

TABELLA 33

 $P_{DM} = 151...500 \text{ mW}$, $V_{CM} = 16...25 \text{ V}$.

Tecnologia	Tipo	Guad. di corrente / a I_c (mA)	f_t (MHz)	Osservazioni
p G Al BF	2 N 1413	25...42 20	3,4	* Raggruppato.
p G Al C	AT 275	25...130 10*	5	
p G Al C	ASY 55	50 100	11	
p G Al C	2 N 1707	> 30/10	3	
p G Al BF	2 N 653, 1191	30...70/1	1,8	
p G Al BF	AC 142 B	30...250/1	1,5	
p G Al BF	2 N 320	34...65/20	2,5	
p G Al BF	2 N 322, 1414	34...65/20	3,5	
p G Al C	2 N 381	35...65/20	3,5	
p G Al BF	2 N 1415	35...90/20	4	
p G Al BF	SFT 253	40...70/1	1,3	* Raggruppato. * Raggruppato.
p G Al BF	SFT 222	40...70/100	2	
p G Al BF	2 N 1008	40...150/10	—	
p G Al BF	2 N 270	70/150	—	
p G Al BF	2 N 654, 1192	50...125/1	1,8	
p G Al BF	2 N 241 A	50...125/20	1,3	
p G Al C	2 N 1706	50...150/10	3	
p G Al BF	AC 182	50...250/1*	4	
p G Al BF	AC 184	50...250/200*	3	
p G Al BF	2 N 321	53...121/20	2,5	
p G Al BF	2 N 323	53...121/20	3,5	

p G Al C	2 N 382	60 95 20	3,5		p S PE BF	2 N 1221	> 18/1	> 5	
p G Al BF	SFT 253	60...160 1	3		p S PE BF	2 N 1219	> 18/5	> 5	
p G Al BF	SFT 223	60...160 100	2		p S PI C	2 N 3343	> 20/0,25	> 2	Chopper.
p G Al BF	ACY 30	60...200 1	1,2		p S PI BF	2 N 924	24...70/1	> 0,8	
p G Al BF	AC 178	60...400 150	2		p S — BF	BCY 28, BCZ 11	25...80/1	1,5	
p G Al BF	2 N 324	72...198 20	3,5		p S Al C	2 N 3978	> 30/1	> 1	
p G Al C	2 N 383	75...120 20	3,5		p S — C	2 N 3638	> 30/50	> 100	0,5 A max.
p G Al BF	2 N 655	100...250 1	2,5		p S — C	2 N 5142, 3	> 30/50	> 100	t/f < 200 ns.
p G Al BF	2 N 1193	100...250 1	2,8		p S — C	2 N 5040	> 30/150	> 80	1 A max.
p G Al C	2 N 2171	110...250 20	7,5		p S PE BF	D 29 A 4	30...90/50	340	
p G Al BF	2 N 1194	190...500/1	2,8		p S PE BF	2 N 2861	30...120/0,01	60	
p G Me HC	2 N 703	40...100/10	150		p S PE BF	2 N 3703	30...150/50	> 100	
p G Me HC	2 N 702	20...60/10	150		p S PE BF	2 N 5226	30...600/50	> 50	0,5 A max.
p G Me HC	2 N 1404, 94	35/400	200		p S PE BF	BC 250, 60	35...600/1*	180	* Raggruppato.
p G AD HF	AF 179	100 (> 33)/3	270	FI-TV.	p S PI C	2 N 3341	> 40/0,01	> 50	
p G Me HC	2 N 1496	40/200	300		p S — C	2 N 5139	> 40/10	> 300	
p G Me HC	2 N 2096, 9	35/400	400		p S PI BF	2 N 5354	40...120/50	340	0,5 A max.
p G Me HC	2 N 2382	45/200	400		p S PE C	BSW 72	40...120/150	200	0,5 A max.
p G Me VH	AF 202	85 (> 20)/3	—	FI-TV.	p S PE C	2 N 2945	40...250/1	10	
p G Me VH	AF 200, 1	85 (> 30)/3	—	FI-TV.	p S PE C	2 N 5230	> 50/0,1	> 8	Chopper.
p G Me VH	2 N 1143	> 10/10	800		p S PE BF	BCY 72	> 50/10	> 200	
p G Me VH	2 N 1195	40/10	800		p S PE BF	BC 202	50...260/0,3*	80	* Raggruppato.
p G Me UH	AFY 42	33 (> 10)/2	650		p S — BF	2 N 4290	50...300/100	> 100	0,6 A max.
n G Al C	ASY 73	> 25/50*	> 4	* > 25/50.	p S PE BF	BC 181	> 60 2,5...50	—	
n G Al BF	AC 141 B	30...250/1	3	1,2 A max.	p S PE BF	BC 192	60...180/50	> 100	
n G Al C	ASY 74	40/50*	4	* > 20/400.	p S PE BF	2 N 3702	60...300/50	> 100	
n G Al BF	AC 183	50...250 2	4,5		p S PE BF	2 N 5447	60...300/50	> 100	
n G Al BF	AC 185	50...250/200*	4	* Raggruppato.	p S PE BF	D 29 A 5	75...225/50	340	
n G Al BF	AC 175	60...165/150*	2,5	* 150/300.	p S PE BF	BC 181 A	> 100/2,5	—	
n G Al BF	AC 179	60...400/150	4		p S — C	2 N 3638 A	> 100/50	> 150	0,5 A max.
n G Al C	ASY 75	> 65/50	> 4	* > 30/400.	p S PI BF	2 N 5355	100...300/50	340	0,5 A max.
p S Al C	2 N 943, 4	—	> 1	Chopper.	p S PE C	BSW 73	100...300/150	200	0,5 A max.
p S PE C	1919, 20	—	> 5	p _{sat} < 8 Ω.	p S PE BF	BC 252, 62	125...900/2*	200	* Raggruppato.
p S Al BF	2 N 3677	8 (> 4) 1	—		p S PE BF	BC 253, 63	125...900/2*	200	* Raggruppato - debole rumore
p S Al BF	2 N 1643	10...25/1	—		p S — BF	2 N 4288	150...600/1	> 40	
p S Al BF	2 N 923	12...30/1	> 0,8		p S PI BF	BC 322, B*	200...800/2*	—	* Raggruppato.
					p S PI BF	2 N 5356	250...500/50	340	0,5 A max.
					p S PE BF	BC 328, 338	350/100	100	0,8 A max.
n S PI HF	2 N 869						> 20/10	> 100	

p S PE HF	2 N 2695	30...130 50*	> 100	* > 20/300.	n S — BF	2 N 5133	60...1000/1	40	
p S PE HF	2 N 726	15...45 10	> 140		n S PI BF	2 N 3241	70...250/10	60	
p S PE HF	2 N 2411, 2	40...120 10	> 140		n S PE BF	2 N 3414	75...225/2	120	0,5 A max.
p S PE HC	BSW 21, 44	75...225 2	> 150	t _f = 200 ns.	n S PE C	2 N 5183	75...400 10*	200	* > 40/300.
p S PE HC	BSW 22, 45	180...540 2	> 150	t _f = 200 ns.	n S PE BF	BC 122	75...900/0,25*	50	* Raggruppato.
p S PI HC	2 N 4126	120...360 2	200		n S PI BF	BC 170 B	80...250/1	100	
p S PE HF	2 N 2696	30...130 50*	> 200	* > 20/300.	n S PE BF	93 T 6	90...180/1	—	
p S PI HF	2 N 5208	20...120 2	> 300	22 dB 100 MHz	n S PI BF	2 N 2923	90...180/2	200	
p S — HC	2 N 5910	30...120 10	> 300	t _s < 20 ns.	n S PI BF	2 N 3393	90...400/2	140	
p S PI HF	BF 317	150 (> 60) 10	450	Video	n S PI BF	2 N 3396	90...180/2	140	
p S — HC	2 N 5456	30...120 30	> 450	t _s < 35 ns.	n S PE BF	BC 271	100...200/10	175	
p S PI HF	BF 315	150 (> 60) 10	500	Video	n S PI BF	BC 220	225 (> 100)/1*	80	* 150/0,1.
p S PI HF	2 N 869 A	40...120 30	550		n S PE C	BSW 83	100...300/150	250	0,5 A max.
p S PE VH	2 N 3209	30...120 30*	550	* > 15/100.	n S PI BF	2 N 3242	100...375	60	
p S PE VH	2 N 3308	25...250 2	700		n S PI BF	2 N 5172	100...500/10	120	
n S PE C	2 N 5066	8 (> 4) 1	> 5	ρ _{sat} < 8 Ω.	n S — BF	2 N 3794	100...600/10	100	0,5 A max.
n S PE C	2 N 2205	20 10	> 200		n S PE BF	BC 172 A	125...260/2	150	
n S — BF	2 N 3793	20...120/10	> 100	0,5 A max.	n S PE BF	BC 238, 9	125...500/2	250	
n S — C	2 N 5136, 7	20...400/150	> 40		n S PI BF	2 N 2388	150/0,5	30	
n S — C	2 N 5132	30...400/10	> 200		n S PE BF	92 T 6	150...300/1	—	
n S PE BF	2 N 5225	30...600/50	> 50	0,5 A max.	n S PI BF	2 N 2924	150...300/2	200	
n S PE BF	2 N 3706, 5451	30...600/50	> 100	0,8 A max.	n S PI BF	2 N 3392	150...500/2	140	
n S PI BF	2 N 2921	35...70/2	200		n S — BF	2 N 4286	150...600/1	40	
n S PI BF	BC 170 A	35...100/1	100		n S PI BF	2 N 3395	150...800/2	140	
n S PI BF	2 N 2926	35...470* 2	200	* Raggruppato.	n S PE BF	2 N 3415	180...450/2	120	0,5 A max.
n S PI C	2 N 3340	40/0,01	> 70		n S PI BF	BC 170 C	200...600/1	100	
n S PE C	2 N 2206	40...120/10	> 200		n S PE BF	BCY 57	200...800/2*	350	* > 100/0,01.
n S PE C	BSW 82	40...120/150	250	0,5 A max.	n S PI BF	BC 113, 4*	200...1000/1	60	* F _b = 1,5 dB.
n S — BF	2 N 4968	40...200/0,01	> 40	F _b < 6 dB.	n S PI BF	2 N 2925	235...470/2	200	
n S PI BF	BC 108 A	90 (> 40)/0,01*	300	* 225/20.	n S PE BF	BC 172 B	240...500/2	150	
n S PI BF	BC 109 A	150 (> 40)/0,01*	300	* 350/20.	n S PE BF	BC 173 B	240...500/2	150	F _b = 4 dB.
n S PI BF	BC 108 B	150 (> 40)/0,01*	300	* 350/20.	n S PI BF	BC 319, B, C	240...900/2*	—	* Raggruppato.
n S — BF	2 N 5135	50...600/10	> 40		n S PE BF	91 T 6	250...500/1	—	
n S PE BF	2 N 5223	50...800/2	> 150		n S PI BF	2 N 3900, A	250...500/2	120	F _b = 1,9 dB.
n S PI BF	BC 270	50...900/2*	150	* Raggruppato.	n S PI BF	2 N 3391, A	250...800/2*	160	* > 170/0,1.
n S PI BF	2 N 2922	55...110/2	200		n S PI BF	2 N 5089	400...1200/0,1	50	F _b < 2 dB.
n S PI BF	2 N 3394	55...300/2	140		n S PE BF	BC 172 C	450...900/2	150	
n S PI BF	2 N 3397	55...800/2	140		n S PE BF	BC 173 C	450...900/2	150	F _b < 4 dB.
n S PI BF	2 N 3398	55...1250/2	140						
n S PI BF	BCY 51	60 0,1	—						
n S PI BF	2 N 2387	60/0,5	30		n S PE HC	2 N 2713	30...90 2*	—	* 70/100.

n S PE HC	2 N 2714	75...225/2*	—	* 120/100.	n S PE VH	2 N 2847	40...140/150	350	
n S PE HC	2 N 3408	40...120/10	> 50		n S PE VH	2 N 3856	100...200/2	350	
n S PE HF	BF 321	60...380/1	125	FI-AM.	n S PE VH	2 N 3014	30...120/30	> 350	
n S PE HF	BFX 52	> 60/150	> 50	I A max.	n S PE VH	BSY 21	30...120/10	> 300	= 2 N 914.
n S PE HC	2 N 3409	100...300/10	> 50		n S PE VH	2 N 914	30...120/10	370	
n S PE HF	2 N 3858	60...120/2	135		n S PI VH	2 N 706	> 20/10	400	tr < 60 ns.
n S PE HF	2 N 3859	100...200/2	135	Conv. AM.	n S PI VH	BF 333, C, D	120 (-35)/1*	400	* Raggruppato
n S PE HF	2 N 3860	150...300/2	135	FI-AM.	n S PI VH	2 N 916	50...200/10	400	
n S PE HC	BSY 40	20...60/10	> 140		n S PI VH	BFX 19	> 20/3	> 400	
n S PE HC	BSX 41	50...200/10	> 140	tr < 20 ns.	n S PI VH	BFX 20	> 20/3	> 400	
n S PE HC	BSW 42	75...220/2	> 150		n S PI VH	2 N 4072, 3	> 10/25	550	0,5 W/175 MHz.
n S PE HC	BSW 43	180...540/2	> 150		n S PI VH	BF 173	88 (> 38)/10	550	FI-TV
n S — HF	2 N 4255	> 30/2	200		n S PE VH	2 N 3291	> 10/2	600	
n S — HF	2 N 4254	> 50/2	200		n S PE VH	2 N 3293	> 10/2	600	18 dB/200 MHz.
n S PE HC	BSY 70	> 20/10	> 200	= 2 N 706.	n S PE VH	2 N 3292, 4	> 10/2	600	
n S PE HC	BSX 89	20...60/10	> 200		n S PE HC	BSX 39	40 (> 15)/300	600	
n S PE HC	2 N 706 A, B	20...60/10	> 200		n S PE VH	2 N 3287, 8	15...100/2	600	
n S PE HC	2 N 735	40...120/10	> 200		n S — VH	2 N 4253	> 30/2	600	
n S PI HC	2 N 4124	120...380/2	250		n S — VH	2 N 4252	> 50/2	600	
n S PE HC	BSX 72, 75	> 20/1...500	> 250	1,5 A max.	n S PI VH	BF 332, B	220 (> 65)/1*	600	* Raggruppato.
n S PE HC	2 N 3115	40...120/150	> 250		n S PE VH	BFS 62	85 (> 38)/7	> 600	
n S PE HC	2 N 3116	100...300/150	> 250		n S PI VH	2 N 4996, 7	> 50/2	> 600	HF. - Conv. FM.
n S PE HF	BSX 51	75...225/2	300	= SFT 714.	n S PE VH	2 N 2708	30...200/2	> 700	
n S PE HF	BSX 52	180...540/2	300	= SFT 715.	n S PE VH	2 N 3932	40...150/2	> 750	
n S Me HC	2 N 835	40 (> 20)/10	> 300		n S PE VH	BF 159	50 (> 20)/4	800	FI-TV.
n S PE HC	BSX 87, 88	30...120/10	> 370	= 2 N 914.	n S — HC	2 N 5201	75...150/10	> 1100	
n S PI HF	BFX 18	> 20/3	> 400						
n S PE HC	2 N 3227	100...300/10	> 500		n S PI UH	BFX 21	> 20/3	> 400	
n S PI HF	BF 123, 330	85 (> 35)/7	550	26 dB 35 MHz.	n S PI UH	BF 384, 5	34...750/1*	800	* Raggruppato.
n S PE HF	BFX 60	> 50/7	550		n S PE UH	2 N 3544	> 25/10	900	16 mW 1 GHz.
n S PI HF	BF 159	50/4	> 600	22 dB/40 MHz.	n S PE UH	BFY 88	> 30/5	900	14 dB 800 MHz.
n S PI HF	BF 311	80 (> 40)/15	750	FI-TVC.	n S PE UH	BFX 59	120/20	900	Fb < 3 dB.
n S PE HF	BF 223	83/15	850	FI-TVC.	n S PI UH	BFW 98	35/50	1000	1 W/1 GHz.
n S PE VH	BF 195	35...125/1	200		n S — DA	2 N 5305	2000...20 000/2	—	
n S PE VH	2 N 3854	35...70/2	250		n S — DA	2 N 5306	7...70 000/2	—	
n S PE VH	BF 194	65...220/1	260	Fb = 1,2 dB.	n S PI DD	2 N 3052	> 20/10	400	
n S PE VH	2 N 3855	60...120/2	300		n S PI DD	2 N 2903, A	> 60/0,01*	> 60	* > 125/1.
n S — VH	2 N 5126	> 10/2	> 300	26 dB 100 MHz.					
n S PE VH	BSY 19	30...120/10	> 300	= 2 N 708.					
n S PI VH	2 N 708	30...120/10*	> 300	* > 15/0.5.					

TABELLA 34

 $P_{DM} = 151 \dots 500 \text{ mW}$, $V_{CM} = 26 \dots 40 \text{ V}$.

Tecno- logia	Tipo	Guad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p G Al BF	2 N 464	14...33/1	> 0,4	
p G Al BF	2 N 524	19...42/20*	2	* > 13/100.
p G Al BF	2 N 1098	25...90/20	3	
p G Al C	ASY 76	25...130/300*	> 0,7	* > 20/600.
p G Al C	AT 270	25...130/10*	5	* Raggruppato.
p G Al BF	2 N 465	27...66/1	> 0,4	
p G Al BF	2 N 331	30...70/1	> 0,4	
p G Al C	2 N 650 A	30...70/1	1,5	
p G Al BF	SF 243	30...100/100*	2	* > 20/1.
p G Al BF	SFT 232, 3	110 (> 30)/50*	0,7	* > 20/1000.
p G Al C	2 N 460, 1	30...200/1	4	
p G Al BF	AC 138, H	30...250/5	1,5	1,2 A max.
p G Al BF	AC 191, 2	30...500/1	7	
p G Al BF	2 N 1039 Cos	90 (> 33)/40	—	3 A max.
p G Al BF	2 N 1924	34...65/20	1,5	
p G Al BF	2 N 525	34...65/20*	2,5	* > 47/100.
p G Al BF	2 N 1097	34...90/20	3	
p G Al BF	SFT 352	50/1	2,4	
p G Al BF	SFT 322	50/100	2,6	
p G Al BF	AC 142 H K	> 40/400	1,5	
p G Al BF	2 N 1008 A	40...150/10	—	
p G Al BF	AC 117	115 (> 40)/150	1	
p G Al BF	AC 122	40...300/2	1,5	
p G Al BF	SFT 242	50...100/100*	1,6	* > 40/1.
p G Al C	2 N 651 A	50...120/1	2	0,5 A max.
p G Al BF	AC 180	50...250/600*	> 1	* Raggruppato.
p G Al C	2 N 2000	50...300/500	> 2	
p G Al BF	2 N 1925	53...90/20	1,5	
p G Al BF	2 N 526	53...90/20*	3	* > 47/100.
p G Al BF	2 N 466	54...130/1	> 0,5	
p G Al C	2 N 1189	> 60/10	4	
p G Al BF	SFT 323	60...150/100	2,6	
p G Al BF	SFT 353	60...150/1	2,4	

p G Al C	ASY 80	60...165/50	> 0,7	
p G Al BF	AC 132	115/50	1,2	
p G Al BF	AC 125	130 (> 62)/2	1,7	
p G Al BF	2 N 1926	72...121/20	3	
p G Al BF	2 N 527	72...121/20*	3,3	* > 65/100.
p G Al C	2 N 1190	> 100/10	4	
p G Al C	2 N 652, A	100...225/1	2,5	
p G Al C	2 N 3427	100...350/100	7	0,5 A max.
p G Al BF	AC 126	220 (> 100)/2	1,7	
p G Al BF	2 N 467	110...270/1	> 0,5	
p G Al C	2 N 3428	150...400/100	7	0,5 A max.
p G Al C	2 N 1185	190...400/1	3	
p G D HC	2 N 1384	50 (> 20)/300	35	$t_r = 250 \text{ ns}$.
p G Me HC	2 N 1495	40/200	300	
p G Me HC	2 N 2097, 2100	50/400	400	
p G Me HF	AFY 39	85 (> 20)/3	500	Amplif. ant.
p G Me VH	AF 202 S	85 (> 20)/3	—	FI-TV.
p G Me VH	2 N 1141	> 10/10	800	
p G Me VH	2 N 1142	> 10/10	800	
p G Me UH	AFY 34	> 10/2	—	
n G Al BF	AC 141 H, HK	40...110/400	2	1,2 A max.
n G Al BF	AC 141. K	40...160/400	3	1,2 A max.
n G Al BF	AC 181	50...250/600*	> 1	* Raggruppato.
n G Al BF	AC 127	100/20...200	2,5	
p S PE BF	2 N 1223	> 6/1	> 2	
p S Al BF	2 N 1025, 34	9...22/1	3	
p S PE BF	2 N 1037	9...42/1	> 0,15	
p S PE C	2 N 1640, 1	11/1	0,4	Bilaterale.
p S PE C	2 N 2474	15/1	0,5	Bilaterale.
p S — BF	2 N 327 A, B*	15/3	0,2	* $F_b = 10 \text{ dB}$.
p S D BF	BCY 90	10...35/1	25	$V_{BEM} = 20 \text{ V}$.
p S PE C	2 N 1642	23/1	1,2	Bilaterale.
p S Al BF	2 N 1230, 1441	14...32/1	3	
p S — BF	2 N 328 A, B*	30/3	0,2	* $F_b = 10 \text{ dB}$.
p S Al BF	2 N 1026, 35	18...44/1	3	
p S Al C	2 N 3979	> 20/1	> 1	

p S P E C	2 N 4008, 11	> 20/1	> 15	$\rho_{sat} < 6 \Omega$.
p S P I C	2 N 3344	> 25/1	> 2	Chopper.
p S D B F	BCY 91	25...60/1	25	$V_{BEM} = 20 V$.
p S P E B F	2 N 3527	25...75/0,1 μA	10	
p S A I B F	2 N 1231	28...65/1	4	
p S A I B F	2 N 1442	30...65/1	> 0,5	$F_b < 6 dB$.
p S — B F	2 N 4964	30...120/0,01	> 60	
p S P E B F	BC 126	30...120/150	> 200	
p S P E C	2 N 2946	30...150/1	5	
p S P E B F	2 N 5448	30...150/50	> 100	
p S — B F	2 N 329 A, B*	60/3	0,5	* $F_b = 10 dB$.
p S P E B F	2 N 1036	34...88/1	> 0,3	
p S A I B F	2 N 1469	36...88/1	4	$V_{BEM} = 20 V$.
p S D B F	BCY 92	40...100/1	40	0,5 A max.
p S P I B F	2 N 5365	40...120/50	340	0,5 A max.
p S P E C	BSW 74	40...120/150	200	
p S — B F	2 N 4142	40...120/150	> 200	
p S — B F	2 N 4971	40...120/150	> 200	0,5 A max.
p S — C	2 N 5041	40...150/150	> 80	1 A max.
p S P I B F	2 N 5372	40...120/150	> 150	
p S P I B F	2 N 5379	40...200/0,01	> 300	$F_b < 3 dB$.
p S A I B F	2 N 1997	40...200/100	> 3	
p S P E B F	BC 283	40...270/50	—	
p S P E B F	2 N 4415	40...500/0,01	—	
p S P E B F	2 N 4060	45...165/1	—	
p S P E B F	2 N 4059	45...660/1	—	
p S — B F	2 N 4248	> 50/0,1	—	
p S P E C	2 N 5231	> 50/0,1	> 8	
p S P E B F	BCY 70, 1*	> 50/10	> 250	
p S P I B F	BC 153	> 50/0,1...10	70	$F_b = 1 dB$.
p S P I B F	2 N 5382	50...150/10	> 250	$F_b < 5 dB$.
p S P E B F	BC 221	115 (> 50)/10*	150	* > 20 200.
p S P E B F	BC 203	50...260/0,3*	80	* Raggruppato.
p S P E B F	2 N 5227	50...700/2*	> 100	* > 30 0,01.
p S — C	2 N 5138	50...800/100	> 40	
p S P E C	2 N 3911, 14	60...240/1	> 8	
p S P I B F	2 N 5375	60...600/150	> 150	
p S A I B F	2 N 1998	> 70/100	> 3	
p S — C	2 N 4916	70...200/10	> 400	$t_f < 150 ns$.
p S — B F	2 N 4121	70...200/10	450	$F_b < 4 dB$.

p S P E B F	BC 158, 178, 205, 258, 268	75...260/2*	130	* Raggruppato.
p S — B F	2 N 4965	80...400/0,01	> 60	$F_b < 6 dB$.
p S P E B F	BC 213	80...400/2*	> 200	* > 40 0,01.
p S P E B F	BC 225	> 90/0,1...50	70	$F_b = 1 dB$.
p S P E C	2 N 3912, 15	> 90 1	> 10	$t_s < 300 ns$.
p S P E B F	2 N 4061	90...330/1	—	
p S — B F	2 N 4291	> 100/100	> 100	0,6 A max.
p S P I B F	2 N 5383	100...300/10	> 250	$F_b < 4 dB$.
p S P I B F	2 N 5366	100...300/50	340	0,5 A max.
p S P I B F	2 N 5373	100...300/150	> 150	
p S P E C	BSW 75	100...300/150	200	0,5 A max.
p S — B F	2 N 4143	100...300/150	> 200	
p S — B F	2 N 4972	100...300/150*	> 200	* > 70/10.
p S P E B F	2 N 4058	100...400/0,1	—	$F_b < 5 dB$.
p S P I B F	2 N 5378	100...500/0,01	> 200	$F_b < 2 dB$.
p S P E B F	2 N 4413	100...500/0,01	—	$F_b < 2 dB$.
p S P I B F	BC 321, A, B	110...800/2*	—	* Raggruppato.
p S P E B F	BC 159, 179, 206, 259, 269	125...500/2*	130	* Raggruppato.
p S P E B F	BCY 78	125...500/2*	200	$F_b < 4 dB$.
p S P E B F	BC 214	140...400/2□	> 200	* Raggruppato.
p S — C	2 N 4917	150...300/10	> 400	□ > 100/0,01.
p S — B F	2 N 4122	150...300/10	450	$t_f < 150 ns$.
p S P I B F	2 N 5374	200...600/150	> 150	$F_b < 4 dB$.
p S P I B F	BC 154	230 (> 160)/1	> 40	
p S P E B F	2 N 4062	180...660/1	—	
p S — B F	2 N 4250	> 250/0,1	—	$F_b < 2 dB$.
p S P I B F	2 N 5367	250...500/50	340	0,5 A max.
p S P I H F	2 N 1254, 6	25...50/10	> 40	
p S P I H F	2 N 1255, 7	40...80/10	> 40	
p S P I H F	2 N 1258	75...150/10	> 40	
p S P E H F	2 N 721	20...45/150	> 50	
p S — H C	2 N 722, A	30...90/150	> 60	
p S P I H F	BF 341, 2, 3	30...150/1*	> 80	* Raggruppato.
p S P I H F	2 N 3581	80...200/0,1	120	
p S P I H F	2 N 3582	100...400/0,1	120	
p S P E H C	2 N 3837	30...90/150	> 120	
p S P E H C	2 N 3838	75...225/150	> 120	
p S P E H C	BSW 20	> 40/10	> 130	$t_f < 800 ns$.

p S PI HC	2 N 4402	50...150/150	> 150	
p S PI HC	2 N 4403	100...300/150	> 150	
p S PE HC	BSX 36	100 (> 40)/10	200	
p S PI HC	2 N 4125	50...150/2	200	
p S PE HF	BFW 31	150 (> 70)/100*	200	* > 30/10.
p S — HF	2 N 4228	> 175/150	200	
p S PE HC	2 N 3905	50...150/10	> 200	
p S PE VH	2 N 3136	100...300/150	> 200	0,6 A max.
p S PE VH	2 N 3135	40...120/150	> 200	
p S PE HF	BFX 35	200 (> 80)/10	> 200	
p S PE HC	2 N 3250	50...150/10	> 250	
p S PE HC	2 N 3251	100...300/10	> 300	
p S PE HC	2 N 3829	30...120/30*	> 350	* > 25/10...100.
p S — HC	2 N 4034	> 50/1	> 400	
p S PE VF	BFX 48	160 (> 90)/10*	> 400	* > 40/0,01.
p S — HC	2 N 4035	> 150/1	> 450	
p S PE VH	2 N 3307	40...250/2	700	
p S PI VH	2 N 4957, 8, 9	40 (> 20)/2	1500	
p S — UH	2 N 5829	20...200/2	1600	> 17 dB 450 MHz.
p S — DD	2 N 5843	50...150/0,1	> 200	Fb < 3 dB.
p S — DD	2 N 5844	100...300/0,1	> 200	Fb < 3 dB.
n S PI BF	2 N 2427	20...60/0,01	50	
n S Me C	2 N 730	20...60/150	> 40	
n S PI C	2 N 4954, 5371	20...600/150	> 250	
n S PE C	2 N 2432	> 30/0,1	> 20	Chopper.
n S PE BF	BC 125	60 (> 30)/150	> 40	
n S PI C	2 N 3973, 5	35...100/10	> 200	
n S PE C	BSW 84	40...100/150	250	0,5 A max.
n S PE C	BSX 93	40...120/10*	> 400	* > 20/100.
n S PE C	2 N 3567	40...120/150	> 40	
n S — BF	2 N 4969	40...120/150	> 200	0,5 A max.
n S PE C	2 N 5581	40...120/150	> 250	0,5 A max.
n S PI BF	BC 116	40...120/150*	300	* > 35/10.
n S — BF	2 N 4140	40...150/150	> 250	
n S — BF	2 N 4966	40...200/0,01	> 40	Fb < 6 dB.
n S PI BF	2 N 5377	40...200/0,01	> 300	Fb < 3 dB.
n S PE BF	2 N 4386	40...500/0,01	120	Fb < 3 dB.
n S PI BF	2 N 3709	45...165/1	—	
n S PI BF	2 N 3708	45...800/1	—	

n S — C	2 N 4138	> 50/1	> 20	
n S PE BF	BC 222	105 (> 50)/10	250	
n S PI BF	2 N 5380	50...150/10	> 250	Fb < 6 dB.
n S PE BF	2 N 3705	50...150/50	> 100	
n S PE BF	2 N 5450	50...150/50	> 100	0,8 A max.
n S PE BF	BC 282	50...300/50	—	0,6 A max.
n S D BF	DT 1621	50...250/250	—	1 A max.
n S PI C	2 N 3974, 6	55...220/10	> 200	
n S PI C	2 N 4951, 5368	60...200/150	> 250	
n S PE C	BSX 81	> 65/10*	> 200	* > 65/50.
n S PE BF	2 N 4074	75...300/10	> 50	
n S PE BF	BC 123	75...900/0,25*	50	* Raggruppato
n S PI BF	2 N 3710	90...330/1	—	
n S PE C	BSW 88, 9 A	100...300/10	> 200	
n S PI BF	2 N 5381	100...300/10	> 250	Fb < 5 dB.
n S PE BF	2 N 3704	100...300/50	> 100	
n S PE BF	2 N 5449	100...300/50	> 100	0,8 A max.
n S PE C	2 N 3569	100...300/150	> 60	0,5 A max.
n S — BF	2 N 4970	100...300/150*	> 200	* > 70/10.
n S PE C	BSW 85	100...300/150	250	0,5 A max.
n S — BF	2 N 4141	100...300/150	> 250	
n S PE C	2 N 5582	100...300/150	> 250	0,5 A max.
n S PI C	2 N 4952, 5369	100...300/150	> 250	
n S PI BF	BC 115	100...400/10	40	
n S PE BF	BC 223	100...450/50*	100	* Raggruppato
n S PE BF	2 N 4384	100...500/0,01	120	Fb < 2 dB.
n S PI BF	2 N 3707	100...500/0,1	—	
n S — BF	2 N 4967	100...600/0,01	> 40	Fb < 6 dB.
n S PE BF	PBC 183	100...850/0,01	> 60	Fb < 10 dB.
n S PI BF	BC 280	100...600/1*	—	* Raggruppato
n S PI BF	BC 318, A, B, C	125...900/2*	—	* Raggruppato
n S PI BF	BC 108, 148, 168, 183, 208, PBC 108	125...900/2* > 40/0,01	250	* Raggruppato.
n S PI BF	2 N 5376	150...500/0,01	> 300	Fb < 2 dB.
n S PE C	2 N 3566	150...600/10	> 40	
n S PI BF	2 N 4424	180...540/50	—	
n S PI BF	2 N 3711	180...800/1	—	
n S PI C	2 N 4953, 5370	200...600/150	> 250	
n S PE BF	PBC 184	240...900/0,01	> 60	Fb < 4 dB.

n S PI BF	BC 109, 149, 169, 184, 209, PBC 109	240...900/2* > 100/0,01	300	* Raggruppato.
n S PE C	BSW 89 B	250...750/10	> 200	
n S PI BF	2 N 5088	300...900/0,1	175	Fb < 3 dB.
n S PI BF	2 N 5089	400...1200/0,1	175	Fb < 2 dB.
n S — BF	2 N 5963	> 900/0,01*	—	Fb < 8 dB 10 Hz.
n S PE HF	BF 237	> 30/1	—	
n S PE HF	BF 238	> 70/1	—	
n S PE HC	2 N 2909	40...120/150	> 50	I A max.
n S PI HF	2 N 696, 717	20...60/150	60	
n S PE HF	BFX 50	> 30/150	> 60	I A max.
n S PE HF	BFX 51	> 40/140	> 60	
n S PI HF	2 N 697, 718	40...120/150	80	
n S PE HF	2 N 3843 A	20...40/2	135	
n S PE HF	2 N 3844 A	35...70/2	135	
n S PE HF	2 N 3845 A	60...120/2	135	
n S PI HC	2 N 4400	50...150/150	> 150	
n S PI HC	2 N 4401	100...300/150	> 150	
n S PE HF	2 N 731	40...120/150	160	
n S PE HF	BFW 32	150 (> 70)/100*	200	* > 30/10.
n S PE C	BSX 38	> 65/10*	> 200	* > 50/50.
n S PE VH	BF 226	34...165/1	250	Conv.
n S PE HF	BF 233	40...350/1*	250	* Raggruppato.
n S PI HC	2 N 4123	50...150/2	250	
n S — HC	2 N 5027	50...150/150	250	
n S PI HF	BF 234	90...330/1	250	Fb = 3 dB.
n S — HC	2 N 5028	100...300/150	250	tr = 20 ns.
n S PE HC	SES 2220	20...60/150	> 250	0,5 A max.
n S PE HC	2 N 2790	20...60/150	> 250	
n S PE HC	2 N 3737	20...80/1000	> 250	
n S PE HC	BSV 59	30...120/150	> 250	t _f = 25 ns.
n S PE HC	2 N 3736	30...120/1000	> 250	1,5 A max.
n S PE HC	SES 2221	40...120/150	> 250	
n S PE HF	BFX 94	40...120/150	> 250	
n S — HC	2 N 3641	40...120/150	> 250	0,5 A max.
n S PE HC	2 N 2791	40...120/150	> 250	
n S PE HC	2 N 2221	40...120/150*	> 250	* > 20/0,1.
n S PE HC	2 N 3903, 46	50...150/10	> 250	
n S PE HC	2 N 3906	100...300/10	> 250	
n S PE HC	SES 2222	100...300/150	> 250	

n S PE HC	2 N 2792	100...300/150	> 250	
n S PE HC	2 N 2222	100...300/150*	> 250	* > 35/0,1.
n S PE HF	BFX 95	100...300/150	> 250	
n S — HC	2 N 3643	100...300/150	> 250	0,5 A max.
n S PE HF	BF 176	65 (> 20)/10	> 300	26 dB 35 MHz.
n S PI HF	BF 127	60 (> 27)/4	350	26 dB 35 MHz.
n S PI HF	BF 196, 8	80/4	375	FI-TV.
n S PE HF	BF 291	60...180/10	380	Video.
n S PI HF	BF 163	70/4	> 400	22 dB 40 MHz.
n S PE HF	BF 176	65 (> 20)/10	450	25 dB 45 MHz.
n S PE HF	BF 125	> 35/7	450	
n S PI HF	BF 175	70/2,5	500	26 dB 40 MHz.
n S PI HF	BF 304	36...120/1	550	
n S PI HF	BF 197, 9	87/7	550	FI-TV.
n S PI HF	BF 303	100...210/1	550	AM.
n S PI HF	BF 302	36...200/1	600	FI-FM.
n S PI HF	BF 225	75 (> 30)/4	650	TV.
n S PE HF	BF 329	70/1	700	FI-TV.
n S PI HF	BF 261	100/1	700	28 dB 35 MHz.
n S PE HF	BF 224	85 (> 30)/7	800	TV.
n S PE HF	BF 271	75 (> 55)/10	1000	FI-TV.
n S PE VH	2 N 3854 A	35...70/2	250	
n S PE VH	2 N 2221	40...120/150*	250	* > 20/0,1.
n S PI VH	BF 235	40...165/1	250	
n S PE VH	2 N 2222	100...300/150*	250	* > 35/0,1.
n S PI VF	BFW 68	> 35/0,1...50	> 250	Fb < 5,8 dB.
n S PE VH	2 N 3301	40...120/150*	> 250	* > 20/0,1.
n S PE VH	2 N 3302	100...300/150*	> 250	* > 35/0,1.
n S D VH	2 N 1491	40/40	300	> 13 dB/70 MHz.
n S PE VH	2 N 3855 A	60...120/2	300	
n S PE HC	2 N 4421	> 25/30	> 300	
n S PE HC	2 N 4420, 2	30...120/30	> 300	
n S PE HC	BSW 19	> 40/10	> 300	
n S — HC	2 N 4013	50...150/100	> 300	
n S PE HC	2 N 3904, 47	100...300/10	> 300	
n S PE HC	BSX 30	63/150	330	
n S PE VH	BF 121	75 (> 30) 4	350	Fb < 1,6 dB.
n S PE HC	2 N 2221 A	40...120/150	350	
n S PE VH	2 N 2845	30...120/150	350	

n S PE VH	2 N 3856 A	100...200/2	350	$t_r < 25$ ns.
n S PE HC	2 N 834	$> 25/10$	> 350	
n S PE HC	2 N 2501	50...150/10	> 350	30 b.
n S PE VH	2 N 3828	30...200/12	> 360	
n S — VH	2 N 5181	$> 27/1$	400	24 dB/60 MHz.
n S PE VH	BF 240, 1	65...225/1	400	
n S PE HC	2 N 2222 A	100...300/150	400	15 dB 200 MHz. $F_b = 2$ dB.
n S PI VH	2 N 3338	$> 30/4$	> 400	
n S PI VH	2 N 3337	$> 30/4$	> 400	* $> 10/100$. 1 A max. $t_r < 9$ ns.
n S PI VH	2 N 3339	$> 30/4$	> 400	
n S PE HC	2 N 4419	$> 30/10$	> 400	> 13 dB/450 MHz. 11,5 dB/450 MHz.
n S PE HC	2 N 4418	40...120/10	> 400	
n S PI VH	BF 162	70/4	> 400	* $> 600/1$.
n S PE VH	BF 314	$> 28/4$	450	
n S PI VH	BF 310	$> 28/4$	450	* $> 150/1$.
n S PE HC	2 N 2368	20...60/10*	550	
n S PE HC	BSW 26	$> 30/500$	> 600	Chopper.
n S PE HC	2 N 2369, A	40...120/10	650	
n S PE VH	2 N 4934	40...170/2	> 700	Chopper.
n S PE VH	2 N 4935	60...200/2	> 700	
n S PE VH	BFW 70	75 (> 30)/10	> 750	$t_s < 80$ ns.
n S PE VH	2 N 3933	60...200/2	> 750	
n S PE UH	2 N 4936	60...250/2	> 700	$V_{EBM} = 25$ V. $F_b = 1$ dB. 0,5 A max.
n S PE UH	2 N 4259	70...280/2	> 750	
n S PI UH	2 N 2808	20...120/2	> 1000	Chopper.
n S — DA	2 N 5307	2000...20 000 2	—	
n S PI DA	2 N 2785	2...20 $\times 10^3/100^*$	—	Chopper.
n S PI DA	2 N 997	$> 1000/0,1$	> 10	
n S — DA	2 N 5308	7...70 000/2	—	Chopper.
n S PI DD	2 N 2480, A	60...220/20	> 50	
n S PI DD	2 N 2453	$> 80/0,01^*$	> 6	

TABELLA 35

 $P_{DM} = 151...500$ mW, $V_{CM} = 41...60$ V.

Tecnologia	Tipo	Guad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p G Al BF	2 N 2042	20...50/5	$> 0,5$	* $> 20/600$.
p G Al C	ASY 76	25...130/300*	$> 0,7$	
p G Al C	2 N 1186, 7	30...70/1	1,8	* $> 20/1000$. 3 A max. * 60/300.
p G Al C	ASY 81	30...100/100	1,6	
p G Al BF	SFT 234, A	90 (> 30)/50*	—	Chopper.
p G Al BF	2 N 1041 Cos	90 (> 33)/50*	—	
p G Al BF	AC 124	65 (> 40)/150*	0,7	Chopper.
p G Al BF	2 N 2043	40...100/5	1	
p G Al BF	2 N 1008 B	40...150/10	—	Chopper.
p G Al BF	AC 122/30	40...300/2	1,5	
p G Al C	2 N 2001	$> 60/500$	> 6	Chopper.
p G Al BF	2 N 1175, A	70...140/20	4	
p G Al C	2 N 1188	100...225/1	2,5	Chopper.
p S Al C	2 N 945, 1921	—	> 1	
p S Al BF	2 N 1439, 40	9...22/1	$> 0,5$	Chopper.
p S Al BF	2 N 935, 8	9...22/1	1,5	
p S Al BF	2 N 1232	14...32/1	2	Chopper.
p S PI C	2 N 3345, 6	$> 15/1$	> 2	
p S Al BF	2 N 1474, A	18...44/1	> 1	Chopper.
p S Al BF	2 N 1233	28...65/1	3	
p S PE BF	2 N 3060	30...60/1	5	Chopper.
p S Al BF	2 N 1475	36...88/1	> 1	
p S Al BF	2 N 937, 40	36...88/1	4	Chopper.
p S PE BF	2 N 2604	40...120/0,01	> 30	
p S PE C	BSW 24	40...120/150	> 200	Chopper.
p S PE C	2 N 3910, 13	40...160/1	> 4	
p S PE BF	2 N 4415 A	40...500/0,01	—	Chopper.
p S Al BF	2 N 1375	45...165/50	—	
p S Al BF	2 N 3840	$> 50/1$	> 6	Chopper.
p S PE BF	BC 281 A	50...200/1	—	
p S — BF	2 N 4354	50...500/10	> 100	Chopper.
p S PE BF	2 N 3061	60...180/1	8	

p S PE BF	BC 212	60...300/2*	> 200	* > 40 0.01.
p S AI BF	2 N 1377	67...165/50	—	VEBM = 25 V.
p S PE BF	BC 157, 177, 204, 257, 267	75...260/2*	130	* Raggruppato.
p S PI BF	2 N 3962	100...300/0,01	> 40	Fb < 3 dB.
p S — BF	2 N 4249	100...300/0,1	—	Fb < 3 dB.
p S PE BF	BC 281 B	100...300/1	—	Fb = 0,8 dB.
p S — BF	2 N 4355	100...400/10*	> 100	* > 75/500.
p S PE BF	2 N 4413 A	100...500/0,01	—	Fb < 2 dB.
p S PI BF	BC 320, A, B	110...450/2*	—	* Raggruppato.
p S — C	2 N 3644, 5	115...300/50	> 200	tj < 100 ns.
p S PE BF	BC 251, 61	125...900/2*	200	* Raggruppato.
p S PI BF	2 N 5086	150...500/0,1	> 40	Fb < 3 dB.
p S — BF	2 N 4289	150...600/1	> 40	Fb < 4 dB.
p S PE BF	BC 327, 337	350/100	100	0,8 A max.
p S PE BF	BCY 79	125...500/2*	200	* Raggruppato.
p S PE BF	BC 281 C	150...600/1	—	Fb = 0,7 dB.
p S PI BF	2 N 3964, 5	250...500/0,01	> 50	Fb < 2 dB.
p S PI BF	2 N 5087	250...800/0,1	> 40	Fb = 1 dB.
p S PI HF	2 N 1259	25...100/10	> 40	
p S PI HF	BFX 37	70...300/0,01	> 40	Fb < 3 dB.
p S PI HF	BFW 20	100...450/1*	> 40	* > 60/1 μ A.
p S PI HF	2 N 2601	18...90/1	60	
p S PI HF	2 N 2590	40...80/5	75	
p S PI HF	2 N 2596	40...100/5	90	
p S PI HF	2 N 3579	30...150/1	100	
p S PI HF	2 N 3580	60...300/1	100	
p S PE HF	BFX 30	> 10/150	> 100	
p S — HC	2 N 4026	> 30/0,1	> 100	
p S PE HF	BFX 29	> 40/150	> 100	
p S PE HF	2 N 3798	150...450/10	> 100	
p S PE HF	2 N 3799	300...900/10	> 100	
p S PI HF	2 N 2603	76...333/1	120	
p S PE HC	2 N 3765	20...80/1000	> 150	
p S — HC	2 N 4028	> 75/0,1	> 150	
p S PE HC	BSW 21 A, 44 A	75...225/2	> 150	tj = 200 ns.
p S PE HC	BSW 22 A, 45 A	180...540/2	> 150	tj = 200 ns.
p S PE HC	2 N 3485, A	40...120/150	> 200	
p S PE HC	2 N 3486, A	100...300/150	> 200	
p S PE HC	2 N 3250 A	50...150/10	> 250	
p S PE HC	2 N 3251 A	100...300/10	> 300	

p S PE VH	2 N 3073, 3121	30...130/50*	200	* > 15/300.
p S PE VH	2 N 3504, 5	115...300/50	250	
p S PE DD	BFX 11	130 (— 50)/0,01	> 130	
n S PI BF	2 N 3078	25/1 μ A	> 15	
n S PI BF	BC 107 A	90 (— 40)/0,01	300	
n S PI BF	2 N 929	120 (— 40)/0,01*	30	* > 60 0,5.
n S PI BF	BC 107 B	150 (— 40)/0,01*	300	* 350 20.
n S PI BF	2 N 2523	40...120/0,01	> 45	
n S PE C	2 N 3568	40...120/150	> 60	0,5 A max.
n S — BF	2 N 5309	60...120/0,01	135	Fb = 1,9 dB.
n S PI BF	2 N 3416	75...225/2	120	0,5 A max.
n S PI BF	2 N 2586	> 80/1 μ A	> 45	
n S — BF	2 N 5961	> 100/0,01	—	Fb = 2,5 dB.
n S PE BF	2 N 2605	100...300/0,01	> 30	
n S PI BF	2 N 2524	100...300/0,01	> 45	
n S PI BF	2 N 5209	100...300/0,1	80	Fb < 3 dB.
n S PI BF	2 N 5233, 5310	100...300/10	—	
n S PI BF	2 N 2645	100...300/150	86	
n S PI BF	2 N 930	300 (> 95)/0,01*	30	* > 150/0,5.
n S PI BF	2 N 3077	> 80/1 μ A	> 15	
n S PI BF	2 N 2511	> 80/1 μ A*	45	* > 120/0,01.
n S PE BF	BCY 56	100...450/2*	250	* > 40/0,01.
n S PE BF	PBC 182	100...480/0,01*	> 60	Fb < 10 dB.
n S PI BF	BC 317, A, B	125...500/2*	—	* Raggruppato.
n S PI BF	BC 107, 147, 167, 182, 207, PBC 107	125...500/2*	250	* Raggruppato.
n S PE BF	BC 171 A	> 40/0,01	> 150	
n S PE BF	BC 272	125...300/10	175	
n S PE BF	BC 237	125...500/2	250	
n S PI BF	BC 134	150...400/10	> 200	
n S — BF	2 N 4287	150...600/1	> 40	Fb < 5 dB.
n S PI BF	2 N 5210	200...600/0,1	80	Fb < 2 dB.
n S PE BF	2 N 3417	180...450/2	120	0,5 A max.
n S PE BF	BC 171 B	240...500/2	> 150	
n S PI BF	2 N 5232, A	250...470/2	—	Fb < 5 dB.
n S PI BF	2 N 5234, 5311	250...500/10	—	
n S PI BF	2 N 5087	250...800/0,1	> 40	Fb < 2 dB.
n S PI BF	2 N 5249	400...800/2	—	Fb < 5 dB.

n S PI BF	2 N 5235	400...800 10	—	$F_b = 6 \text{ dB } 10 \text{ Hz.}$
n S — BF	2 N 5962	450 0,01*	—	
n S PI HF	2 N 843	45...150/10	40	$F_b = 1,9 \text{ dB.}$
n S PI HF	2 N 841	60...400/10	40	
n S PI HF	BFX 92	40...120/0,01	45	
n S PI HF	BFX 93	100...300/0,01	45	
n S PI HF	2 N 844, 5	40...120/5	50	
n S PI HF	2 N 760, A	76...350/1	50	
n S PI HF	BFY 76	300/1*	55	
n S PI HF	BFY 77	450/1*	55	
n S PI HF	2 N 2483	280 (< 500)/10	60	
n S PI HF	2 N 2484	430 (< 800)/10	60	
n S PI HF	2 N 2602	36...90/1	90	$* 105/0,01.$ $* 290/0,01.$
n S PI HF	2 N 2591	70...135/5	100	
n S PI HF	2 N 956	100...300/150	100	
n S PI HF	2 N 2597	80...200/5	120	
n S PE HF	2 N 735	40...100/5	135	
n S PI HF	2 N 734	20...50/5	150	
n S PE HF	2 N 736	80...200/5	150	
n S PE HC	BSW 42 A, B	75...220/2	> 150	
n S PE HC	BSW 43 A	180...540/2	> 150	
n S PI HF	2 N 735 A	30...150/5	180	
n S PI HF	2 N 2521	36...90/1	180	$F_i - \text{AM-FM.}$ $F_i - \text{AM-FM.}$
n S PI HF	2 N 2459, 2515	40...80/5	180	
n S PI HF	2 N 736 B	60...200/5	180	
n S PI HF	2 N 2460	70...130/5	180	
n S PI HF	2 N 2522	76...333/1	180	
n S PE HF	2 N 736 A	80...200/5	180	
n S PI HF	2 N 2516	80...200/5	180	
n S PI HF	2 N 4994	40...160/10	> 200	
n S PI HF	2 N 4995	100...400/10	> 200	
n S PI HF	2 N 2464	70...130/5	210	
n S PI HF	2 N 2461, 5	120...180/5	230	$t_f \approx 80 \text{ ns.}$
n S PI HF	2 N 2462, 6	170...230/5	230	
n S — HC	2 N 3642	40...120/150	> 250	
n S PE HC	2 N 2539	50...150/150	> 250	
n S PE HC	2 N 2540	100...300/150	> 250	
n S — HC	2 N 4014	50...150/100	> 300	
n S PI HF	BFY 74	90/5	360	
n S PI HF	BFY 75	130/5	360	

n S PI HF	BF 306	> 39/7	500	FI-TV.
n S PE HF	BF 232	30...230/7	600	FI-TV.
n S D VH	2 N 1492	40/40	300	> 13 dB/70 MHz.
n S PI VH	BFY 27	40...160/10	> 250	= 2 N 915.
n S PI VH	2 N 915	50...200/10	360	0,6 W/50 MHz.
n S PE VH	2 N 2952	> 20/150	400	22 dB 200 MHz.
n S — VH	2 N 5182	> 27/1	400	12 dB 800 MHz.
n S PI VH	BF 260	100/1	700	
n S PI UH	BF 161	70 (> 20)/1,5	550	
n S PI DA	BFX 66	> 1600/10	—	$F_b < 6 \text{ dB.}$
n S PI DA	2 N 998	> 2000/100	—	
n S PI DA	2 N 2723	2...10×10 ³ /10	150	
n S PI DA	2 N 2725	2...10×10 ³ /0,1	200	
n S PI DA	BFX 67	> 4000/10	—	
n S PI DA	2 N 2724	7...50×10 ³ /10	150	
n S PI DA	2 N 999	7...70×10 ³ /100	—	
n S PI DD	BFY 82	> 50/10	> 250	
n S PI DD	BFY 81	> 60/0,01	> 60	
n S PI DD	2 N 2974	60...240/0,01*	> 60	
n S PI DD	2 N 2453 A	> 80/0,01*	> 6	$F_b < 4 \text{ dB.}$ $* > 150 \text{ l.}$ $* > 150 \text{ l.}$
n S PI DD	BCY 55	100...300/0,01	—	
n S PE DD	BFY 85, 86	> 150/0,1	> 50	
n S PI DD	2 N 3800	> 150/0,1	> 100	
n S PI DD	2 N 2975	150...600/0,01*	> 60	
n S PI DD	2 N 3801	> 300/0,1	> 100	

TABELLA 36

 $P_{DM} = 151...500 \text{ mW, } V_{CM} = 61 \text{ } 90 \text{ V.}$

Tecnologia	Tipo	Guad. di corrente / a I_c (mA)	f_t (MHz)	Osservazioni
p S AI C	2 N 946, 1922	—	> 1	Chopper _r
p S AI BF	2 N 1656	10...22 1	> 0,1	
p S D BF	BCY 93, 96	10...35 1	25	$V_{BEM} \text{ } 30 \text{ V.}$

p S AI BF	2 N 1654, 5	20...45/1	> 0,1	
p S PE BF	2 N 3062	20...80/1*	3	* > 12/0,1.
p S D BF	BCY 94, 97	25...60/1	25	V _{BEM} = 30 V.
p S D BF	BCY 95	40...100/1	40	V _{BEM} = 30 V.
p S PE BF	2 N 3063	50...150/1*	5	* > 30/0,1.
p S — BF	2 N 4356	50...250/10*	> 100	* > 30/500.
p S PI BF	2 N 3963	100...300/0,01*	> 40	* > 60 l μA.
p S PE BF	BC 256, 66	125...500/2*	200	* Raggruppato.
p S PI HF	BFW 21	100...450/1*	> 40	* > 60 l μA.
p S PI HF	2 N 2599	40...100/5	90	
p S — HC	2 N 4027	> 30/0,1	> 100	
p S PI HF	2 N 2600	80...200/5	120	
p S — HC	2 N 4029	> 75/0,1	> 150	
p S PE HC	2 N 3494	> 40/10	> 200	
n S PE C	BFS 99	> 20/20	—	
n S PI C	2 N 3877, A	20...250/2	—	
n S PE C	BSV 51	> 30/15	> 50	Neon.
n S PE BF	BC 110	90 (> 30)/2	100	
n S PE C	2 N 5174	40...600/10	135	Neon.
n S PE C	2 N 4409	60...400/1	> 60	Neon.
n S PE BF	BC 174 A, B	220 (> 125)/20*	200	* Raggruppato.
n S PE BF	BC 190 A, B	220 (> 125)/20*	200	* Raggruppato.
n S PI HF	2 N 755	20...80/5	35	
n S PI HF	2 N 719, A	20...60/150	> 40	
n S PI HF	2 N 2510	> 75/0,01*	45	* > 150/10.
n S PI HF	2 N 2509	> 25/0,01*	45	* > 40/10.
n S PI C	BFY 80	> 30/2	> 50	Neon.
n S PI HF	2 N 845	40...120/5	50	
n S PI HF	2 N 720 A, 870	40...120/150	> 50	
n S PI HF	2 N 871	100...300/150	> 50	
n S PI HF	2 N 720	40...120/150	80	
n S PE HC	2 N 3019	100...300/150	> 100	l A max.
n S PI HF	2 N 2895, 3020	40...120/150*	> 120	* > 20/500.
n S Me HF	2 N 738	20...50/5	180	
n S Me HF	2 N 739, 2518	40...100/5	180	
n S Me HF	2 N 740, 2519	80...200/5	180	
n S PI DD	2 N 2060, A	50...150/10*	100	* > 25/0,01.
n S PI DD	2 N 2223, A	50...200/10	100	

TABELLA 37

P_{DM} = 151...500 mW, V_{CEM} = 91...150 V.

Tecno- logia	Tipo	Quad. di corrente / a I _C (mA)	f _t (MHz)	Osservazioni
p S — BF	BCY 20	10...25/1	0,5	
p S AI BF	2 N 1234, 1476	14...32/1	2	
p S PE BF	2 N 3064	15...45/1	2	
p S AI BF	2 N 1477, 3065	30...65/1	> 1	
p S PE BF	2 N 5400	40...180/10	> 100	F _b < 8 dB.
p S PE BF	2 N 5401	60...240/10	> 100	F _b < 8 dB.
p S PE HF	BFW 43	100 (> 40)/10□	60	□ > 40/1.
p S PE HC	2 N 3495	> 40/10	> 150	
n S — C	2 N 4390	> 20/2	> 50	Neon.
n S PI C	90 T 2	> 20/30	—	Neon.
n S PE C	40 T 6	30...100/25	—	
n S PE C	2 N 4410	60...400/1	> 60	Neon.
n S PE BF	41 T 6	70...150/50	—	
n S PI HF	2 N 1990 R	> 20/30	—	
n S — HF	2 N 5184	> 10/50	> 50	Video.
n S PI HF	2 N 912	42/10	60	
n S PI BF	BC 117	50 (> 30)/30	60	
n S PI HF	BFW 47	40...120/150*	70	* > 20/0,1...10.
n S PI HF	2 N 911	70/10	70	
n S PI HF	2 N 910	135 (> 75)/10	80	
n S PI HF	2 N 2599 A	40...100/5	90	
n S PE HC	BSY 79	60 (> 30)/1	100	Neon.
n S — BF	2 N 5830	80...500/25	> 100	0,6 A max.
n S PI HF	2 N 2600 A	80...200/5	120	
n S PI HF	2 N 2896	60...200/150*	> 120	* > 35/1.
n S PE C	2 N 5175	55...160/10	135	Neon.
n S PE C	2 N 5176	140...300/10	135	Neon.
n S D VH	2 N 1493	40/40	300	> 10 dB 70 MHz.

TABELLA 38

 $P_{DM} = 510 \quad 1500 \text{ mW}, V_{CM} = 151 \quad 250 \text{ V.}$

Tecnologia	Tipo	Guad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
n S — BF	2 N 5833	50...250/10	> 100	0,6 A max.
n S PE BF	2 N 5550	60...250/10	> 100	0,6 A max.
n S PE BF	2 N 5551, 5831	80...250/10	100	0,6 A max.
n S — BF	2 N 5832	175...500/10	> 100	0,6 A max.
n S PE HF	BF 120	> 20/10	—	TV.

TABELLA 42

 $P_{DM} = 510 \dots 1500 \text{ mW}, V_{CM} = 9 \dots 15 \text{ V.}$

Tecnologia	Tipo	Guad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p G Al BF	AC 188, k	100...500/300*	1,5	* > 65/1000.
p G Me HC	2 N 3883	> 30/200	300	
p G Me VH	AFY 10	20 (> 10)/2	250	
p G Me VH	AFY 11	20 (> 10)/2	350	
p G Me VH	AFY 18	40...600/10*	600	* Raggruppato.
n G Al BF	AC 187, k	100...500/300*	3	* > 65/1000.
n S D C	DT 1610	80 (> 10)/200	0,5	
n S PE HC	BSY 62	20...60/10	> 200	≈ 2 N 706 A.
n S PE HC	BSY 17	20...60/10	> 280	≈ 2 N 743.
n S PE HC	BSY 18	40...120/10	> 280	≈ 2 N 744.
n S PE HC	BSY 63	30...120/10	> 300	≈ 2 N 708.
n S PE VH	2 N 3298	> 80/10	400	60 mW/80 MHz.
n S PE VH	2 N 3303	30...120/300	650	
n S PE HC	BSX 12	60/300	650	Memorie.

n S PI VH	BFY 63	70/50	750
n S PE HC	2 N 3959	40...200/10	> 1300
n S PE HC	2 N 3960	40...200/10	> 1600

TABELLA 43

 $P_{DM} = 510 \dots 1500 \text{ mW}, V_{CM} = 16 \dots 25 \text{ V.}$

Tecnologia	Tipo	Guad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p G Al BF	AC 151	50/10*	1,5	* Raggruppato.
p G Al BF	AC 151 r	50/10*	1,5	* Raggruppato.
p G Al BF	AC 152	30...150/100*	1,5	* Raggruppato.
p G Al BF	AC 121	30...250/100*	1,5	* Raggruppato.
p G Al BF	AC 162	100 (> 50)/2	1,7	
p G Al BF	AC 163	125 (> 65)/2*	2,3	* 120/100.
n G Al BF	AC 176 k	50...250/300*	3	* 30/1000.
p G Al BF	AC 193, K	130...400/400	3	2 A max.
p S PI HF	2 N 978, 1991	15...60/150	> 40	
p S PE HF	2 N 2927	30...130/50	> 100	
n S D C	DT 1520	50...200/300	2	1 A max.
n S PE BF	2 N 3402	75...225/2	120	0,8 A max.
n S PE BF	2 N 3403	180...450/2	120	0,8 A max.
n S PI HF	2 N 1985	15...45/1	40	
n S PI HF	2 N 1984	35...100/1	40	
n S PE HC	2 N 2195, A, B	> 20/150	> 50	1 A max.
n S PE HC	2 N 2353	> 20/150	> 50	1 A max.
n S PE HC	2 N 2194, A, B,	20...60/150	> 50	1 A max.
	2352	> 12/500		
n S PE HC	BSY 51	40...120/150	100	≈ 2 N 697.
n S PE HC	BSY 81	40...120/150*	100	* > 20/0,1.
n S PE HC	BSY 52	100...300/150*	100	* 25/500.

p S PE HF	2 N 2927	30...130/50	> 100	$t_r = 75$ ns.
n S PE HC	BSY 83	100...300/150*	120	* > 35/0,1.
n S PE HF	BFY 52	> 60/150	150	1 A max.
n S PE HF	BSY 90	375 (> 220)/150	170	
n S — VH	2 N 5702	> 15/50	—	1 W 175 MHz.
n S PE VH	2 N 2864	> 20/200	> 150	1,2 W 50 MHz.
n S PE VH	2 N 2863	30...200/200	> 150	
n S PE HC	2 N 2476	> 20/150	> 250	
n S PE HC	2 N 5188	> 20/500	> 250	$t_f \approx 30$ ns.
n S PE HC	2 N 2477	> 40/150	> 250	
n S PE HC	2 N 2958	40...120/150	> 250	
n S PE HC	2 N 2959	100...300/150	> 250	
n S PE VH	2 N 2848	40...140/150	350	
n S PE VH	2 N 2883, 4	> 20/100	> 400	
n S PE VH	BFW 19	20...120/50	> 500	
n S PI VH	2 N 3948	> 15/50	> 700	1 W/400 MHz.
n S PE UH	2 N 4875	20...200/50	> 650	
n S PE VH	2 N 3137	20...120/50	750	0,5 W/250 MHz.
n S PE UH	2 N 4874	20...200/50	> 800	
n S PI HC	2 N 3862	50...150/10	> 1300	
n S PE UH	BFW 17	25 150	1350	
n S PE UH	BFW 16	> 25/50...100	> 1500	Amplif. Ant.
p S PI DD	2 N 2802, 3, 4	20...120/0,01	> 60	
n S PI DD	2 N 2805, 6, 7	40...120/0,01	> 60	

p G AI BF	ACY 33	50...250/300*	1,5	* Raggruppato.
p G AI BF	AC 128	60...175/300	1,5	
n G AI BF	AC 186	120 (> 60)/150*	2	* 100/50.
p S — C	2 N 3660	25...100/500*	25	
p S — P	2 N 4234	30...150/250	> 3	3 A max.
p S PE BF	BC 313	> 40/300	200	1 A max.
p S PI BF	BC 139	90 (> 40)/100*	200	* > 40/100.
p S — C	2 N 5023	40...100/500	> 170	
p S — C	2 N 5042	40...150/150	> 100	1 A max.
p S PE BF	BC 160, 360	40...250/50*	> 50	* Raggruppato.
p S PE BF	2 N 4414	40...500/0,01	—	
p S PI C	2 N 4890	50...250/150	> 100	
p S — HC	2 N 1131, 2	20...45/150	> 50	
p S — HC	2 N 1132	30...90/150	> 60	
p S — HC	2 N 2303	75...200/150	> 60	
p S PE HC	2 N 2800	30...90/150	> 120	
p S PE HC	2 N 2801	75...225/150	> 120	
p S PE HC	2 N 3467	40...120/500*	> 175	* > 40/1000.
p S PE HC	2 N 3244	50...150/500*	> 175	* > 25/1000.
p S PE HC	2 N 3762	30...120/1000	> 180	
p S PE HC	2 N 2904, A, 2906, A, 3133	40...120/150	> 200	
p S PE HC	2 N 2905, A, 2907 A	100...300/150	> 200	
p S PI BF	BC 231	150...450/50*	125	* > 80/100.
p S PE HF	2 N 5583	25...100/100*	> 1000	* > 15 300.
p S PE HF	BFX 88	105 (> 40)/1*	360	* > 40 150.
n S PI BF	2 N 2038, 40	12...36/200	> 2	
n S PE C	45 T 6	> 20/150	—	
n S PI BF	BC 144	55 (> 20)/300	100	1,2 A max.
n S PE C	2 N 5189	> 30/100*	> 250	* > 15/1000.
n S PE C	BFY 50	> 30/150*	> 60	* > 15/1000.
n S — P	2 N 4237	30...150/250	> 10	3 A max.
n S PE C	BFY 51	> 40/150	> 50	
n S PE C	44 T 6	40...80/400	—	1 A max.
n S PI BF	SBC 119	40...120/150*	40	* > 25/500.
n S PE C	BFW 26	40...120/150*	> 60	* > 20/0,1...500.
n S D C	DT 1120	40...120/300	2,5	1 A max.

TABELLA 44

 $P_{DM} = 510...1500$ mW, $V_{CM} = 26...40$ V.

Tecno- logia	Tipo	Quad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p G AI BF	ACY 16	60 (> 40)/300*	0,5	* 100/50.
p G AI BF	AC 139, 42	40...180/400	—	
p G AI C	ASY 70	50...100/10	1,5	$t_s = 1,1$ μ s.
p G AI BF	AC 131	100/50*	1	* > 40/300.
p G AI BF	AC 153 k	50...250/300*	1,5	* Raggruppato.

p S PE BF	BC 361	40...250/50*	100	* Raggruppato.
p S PE BF	2 N 4414 A	40...500/0,01	—	
p S — BF	2 N 5855	50...300/150	> 15	1 A max.
p S PE BF	BCY 67	330/2	180	
p S PE BF	2 N 4412 A	100...500/0,01	—	Fb < 2 dB.
p S — HC	2 N 1132 B	30...90/150	> 60	
p S PI HF	BFX 74	30...90/150*	> 60	* > 35 5.
p S — HC	2 N 4030	> 30/0,1	> 100	
p S PE HF	BFX 38	120 (> 60)/500	150	1 A max.
p S PE HC	2 N 3763	20...80/1000	> 150	
p S PE HC	2 N 3468	25...75/500*	> 150	* > 25/1000.
p S PE HC	2 N 3245	30...90/500*	> 150	* > 20/1000.
p S — HC	2 N 4032	> 75/0,1	> 150	
p S PE HF	BFX 87	105 (> 40) 1□	360	□ > 40/150.
p S PE VH	2 N 3072, 3120	30...130 50*	200	* > 15/300.
p S PE VH	2 N 3502, 3	115...300 50	250	
p S PE DD	2 N 3350	100...300 0,01	> 60	Fb < 4 dB.
p S PE DD	BFX 36	100...300 0,01	110	Fb < 3 dB.
n S PI BF	2 N 339	9...100/5	10	
n S PI C	2 N 2106, 7*	12...36/200	15	
n S D C	DT 1311	20...60/200	1,5	1,5 A max.
n S PI C	2 N 1206	20...80/50	> 10	
n S Me C	2 N 5786	20...100/1600*	—	* > 4/3200.
n S PI BF	BC 142	80 (> 20)/200	> 40	
n S PE BF	BC 286	20...180/500	100	1 A max.
n S PI BF	2 N 2039, 41	30...90/200	> 2	
n S PI C	2 N 2107	30...90/200	15	
n S — P	2 N 4238	30...150/250	> 10	3 A max.
n S PE BF	BC 293	30...200/2000	80	5 A max.
n S PI BF	2 N 2017	35...200/10	—	1 A max.
n S PE C	BFW 24	40...120/150□	> 60	□ > 20 0,1...500.
n S D C	DT 1321	40...120/200	2,5	1,5 A max.
n S D C	DT 1121	40...120/300	2,5	1 A max.
n S PE BF	BC 341	40...160/50*	100	* Raggruppato.
p S PE BF	BC 161	40...250/50*	> 50	* Raggruppato.
n S D C	DT 1522	50...200/300	2	1 A max.
n S — C	2 N 5858	50...300/150	> 200	1 A max.

n S PE BF	2 N 3404	75...225/2	120	0,8 A max.
n S PI BF	BCY 59, 65	90...600 2*	300	* Raggruppato.
n S PE BF	BCY 66	290 (> 180)/2*	300	* 150/0,01.
n S PE BF	2 N 3405	180...450 2	120	0,8 A max.
n S PE HC	111 T 2	30...120/150	—	Valanga.
n S PE HF	2 N 497	12...36/200	12	
n S PE HF	2 N 656	30...90/200	20	
n S PI HF	2 N 1989	20...60/30	40	
n S PI HF	2 N 1988	20...80/150	40	
n S PE HC	BSY 46	40...120/150	> 50	= 2 N 2193.
n S PE HC	2 N 2193, A, B, 2351, 3103	40...120/150 > 15/0,1	> 50	1 A max.
n S PE HC	2 N 3507	30...150/1500	> 60	3 A max.
n S PI HC	BSY 44, 67	40...120/150	> 60	= 2 N 1613.
n S PE HF	BFX 34	40...120/2000	> 70	
n S PI HF	2 N 1613	40...120/150	80	
n S PI HF	BFX 69	40...120/150*	80	* > 20/0,1.
n S PI HF	BFY 56	60/1	86	
n S PI HF	2 N 3108	70/150	86	1 A max.
n S PI HF	2 N 2049, 3107	100...300/150	86	
n S PI HC	BSY 71	100...300/150	> 70	= 2 N 1711.
n S PI HF	2 N 1711	100...300/150	100	
n S PE HC	BSY 87	40...120/150*	100	* > 20/0,1.
n S PE HF	BFX 34	40...150/2000	100	5 A max.
n S PI HF	BFX 68	100...300/150	100	1 A max.
n S PI HF	BFY 68	100...300/150	135	1 A max.
n S PE HC	BSY 88	100...300/150	145	
n S PI HC	2 N 1837	> 9/50	175	
n S — HC	2 N 3444	20...60/500	> 175	1 A max.
n S PI HF	2 N 1565	30...100/5	180	
n S PI HF	2 N 1566, A	110 (> 60)/1	180	
n S PE HF	2 N 3259	20...60/10*	> 200	* > 20/150.
n S PE HC	2 N 3830	> 25/1000	> 200	1,2 A max.
n S PE HC	BSX 59, 61	> 30/150*	> 250	* > 20/1000.
n S PE HC	2 N 5262	65 (> 40)/500	> 250	tf < 60 ns.
n S — HC	2 N 4047	50...150 100	> 250	
n S PE HC	2 N 2537	50...150/150	> 250	
n S PE HC	2 N 2538	100...300/150	> 250	
n S PI HC	2 N 3722	> 25/10	> 300	
n S PI HC	2 N 3725	> 60/100	> 300	

n S PE VH	2 N 3309, A	5 ... 100/30	400	2 W/250 MHz.
n S PE VH	2 N 2951	> 20/150	400	0,6 W/50 MHz.
n S PE HC	BSX 48, 49	42/100	400	
n S PE HC	BSW 27, 28	> 30/500	> 600	I A max.
n S PI DD	BFY 83	> 50/10	50	F _b < 8 dB.
n S PI DD	2 N 2722	50 ... 250/1 μ A	—	
n S PI DD	2 N 2639, 40	50 ... 300/0,01	> 80	
n S PI DD	2 N 2641	50 ... 300/0,01	250	
n S PI DD	2 N 2917	60 ... 240/0,01	> 60	F _b < 2 dB.
n S PI DD	2 N 2913, 15, 19, 72, 78	60 ... 250/0,01	> 60	
n S PI DD	2 N 3680	> 80/1 μ A*	> 60	* > 300/l.
n S PI DD	2 N 2642, 3, 4	100 ... 300/0,01	> 80	
n S PI DD	2 N 2918	> 150/0,01	> 60	F _b < 3 dB.
n S — DD	2 N 4045	150 ... 600/0,01	> 150	F _b < 3 dB.
n S PI DD	2 N 2914, 16, 20, 73, 79	150 ... 600/0,01	> 60	
n S PI DD	2 N 4100	150 ... 600/0,01	> 15*	* I _c = 10 μ A.
p S PI DD	2 N 3806	> 150/0,1	> 100	
n S — DD	2 N 4044	200 ... 600/0,01	> 150	F _b < 2 dB.
n S PI DD	2 N 3807	> 300/0,1	> 100	

p S PE HF	BFX 40	120 (> 60)/500	150	I A max.
p S — HC	2 N 4033	> 75/0,1	> 150	
n S PI BF	2 N 342 A	9 ... 32/5	—	
n S PI BF	2 N 340, 1	9 ... 100/5	10	
n S Me C	2 N 5784, 5	20 ... 100/1100	—	
n S PI C	BFY 65	> 30/2	> 50	Neon.
n S — P	2 N 4239	30 ... 150/250	> 10	3 A max.
n S PE C	2 N 4000	35 ... 120/500	> 40	I A max.
n S PE BF	BF 397	40 ... 250/10*	—	* Raggruppato.
n S PE BF	BC 301	40 ... 260/150	120	
n S — C	2 N 5859	50 ... 300/150	> 200	I A max.
n S PE HF	2 N 2890	30 ... 90/1000*	> 30	* > 20/2000.
n S PE HF	2 N 2891	50 ... 150/1000*	> 30	* > 35/2000.
n S PI HF	2 N 698	60 (> 20)/150	> 40	
n S PI HF	BFW 33	40 ... 120/150	> 50	
n S PI HF	2 N 1890	100 ... 300/150	> 50	
n S PI DD	BFX 99	25 ... 73/0,01*	> 60	* > 50/10.
n S PI HF	2 N 699, 1889	40 ... 120/150	80	
n S PE HC	BSY 55, 85	40 ... 120/150*	100	* > 20/0,1.
n S PI HF	BFY 46	60 (> 20)/0,01	120	
n S PE HC	2 N 2243, A	40 ... 120/150	130	
n S PE HC	BSY 56, 86	100 ... 300/150*	130	* 35/500.
n S — HF	2 N 4943	100 ... 300/150*	> 150	* > 15/500.
n S PE HC	BSW 10	> 25/1 ... 500	> 200	
n S PI VH	2 N 1506 A	10 ... 100/100	220	1,3 W/70 MHz.
n S PI VH	2 N 3118	50 ... 275/25	> 250	0,4 W/150 MHz.
n S PI HC	2 N 3723	> 25/10	> 300	
n S Me VH	2 N 707 A	30/10	350	0,4 W/100 MHz.

TABELLA 46

$P_{DM} = 510 \dots 1500 \text{ mW}$, $V_{CM} = 61 \dots 90 \text{ V}$.

Tecno- logia	Tipo	Guad. di corrente / a I _c (mA)	f _t (MHz)	Osservazioni
p G AI BF	ACY 24	50 (> 30)/30*	—	* > 25/150.
p G AI C	ASY 48	50 ... 100/100	1,2	t _s = 1,1 μ s.
p S Me C	2 N 5781, 2	20 ... 100/1100	> 8	
p S — P	2 N 4236	30 ... 150/250	> 3	3 A max.
p S — BF	2 N 5857	50 ... 300/150	> 15	I A max.
p S PE HF	2 N 4314	50 ... 250/150	> 60	I A max.
p S — HC	2 N 4031	> 30/0,1	> 100	
p S PE HF	BFX 41	65 (> 25) 100	150	

TABELLA 47

 $P_{DM} = 510 \dots 1500 \text{ mW}$, $V_{CM} = 91 \dots 150 \text{ V}$.

Tecnologia	Tipo	Guad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p S — BF	2 N 5679, 80	40 150/250*	> 30	* > 5/1000.
p S PE HF	BFW 44	100 (> 40) 10	60	
p S PI C	2 N 4928, 9	25 200 10*	> 100	
p S — HC	2 N 3634	50 150 50	> 150	
p S — HC	2 N 3635	100 300 50	> 200	
n S D C	DT 1312	20 60 200	1,5	1,5 A max.
n S PI C	2 N 1207	20 80 50	> 10	
n S PI BF	2 N 1615	> 25 5	> 2	* Raggruppato.
n S PE BF	BF 398	30 200 10	—	1 A max.
n S PE C	2 N 4001	35 120 500	> 40	2 A max.
n S PE C	BSW 66, 7, 8	40 100	80	
n S PE C	BUY 47	150 (40) 500	90	
n S PI HF	BFW 33	40 120 150	70	□ > 20/0,1...10.
n S D C	DT 1122, 1322	40 120/300	2,5	
n S PE BF	BC 300	40 140/150	120	1 A max.
n S — BF	2 N 5681, 2	40 150/250*	> 30	* > 5/1000.
n S — BF	2 N 5964	50 250/10	> 100	0,6 A max.
n S PI HF	2 N 1990 S	> 20/30	—	
n S PE HF	2 N 498	12 36/200	12	
n S PI HF	2 N 699 B	40 120 150	13	
n S PE HF	2 N 657	30 90 200	20	
n S PI HF	BF 174	90 (> 30) 25	> 40	Video.
n S PE HF	2 N 3712	30 150 30	> 40	
n S PI HF	2 N 3114	30 120 30	> 40	
n S — HF	2 N 5185	> 10 50	> 50	Video.
n S PI HF	BSY 43, 57	> 25 10	60	Video.
n S PI HF	2 N 1975	42 10	60	
n S PI HF	BF 156, 7	60 (> 30) 30	60	Video.
n S PI HC	BSY 45	40 120/150	> 50	= 2 N 1893.
n S PI HF	2 N 1893	40 120/150*	70	* > 20/0,1.
n S PI HF	2 N 1974	70/10	70	
n S PI HF	2 N 1975	42/10	80	

n S PI HF	2 N 2443	50 150/50	80	
n S PI HF	2 N 1973	135 (> 75) 10	80	
n S PI HF	BFX 98	100 (> 30) 25	90	
n S PI HF	SFT 187	50 (> 25) 30	100	
n S — C	2 N 4068, 9	70 (> 30) 30	100	
n S PI HF	2 N 4924, 5	40 200/150*	> 100	
n S PI HF	BFW 45	20 120/50	120	
n S PI HF	2 N 2405	60 200 150	> 120	
n S PI HC	2 N 3262	> 40 500	> 150	$t_r = 40 \text{ ns}$.
n S PE HC	2 N 3498, 3500	40 120/150	> 150	0,5 A max.
n S PE HC	2 N 3499, 3501	100 300/150	> 150	0,5 A max.
n S PI HC	2 N 3119	50 200/100	> 260	

TABELLA 48

 $P_{DM} = 510 \dots 1500 \text{ mW}$, $V_{CM} = 151 \dots 250 \text{ V}$.

Tecnologia	Tipo	Guad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p S PI C	2 N 4930, 1	20 200/10	> 20	
p S D C	2 N 5415	30 130/50	> 15	1 A max.
p S PI BF	BFX 90	80 300/10*	> 40	* > 60/0,01.
p S — HC	2 N 3636	50 150/50	> 150	
p S — HC	2 N 3637	100 300/50	> 200	
n S D C	DT 1003	12 36/200	1	
n S D C	DT 10 013	30 90/200	1	
n S Me BF	2 N 2726	30 90/200	> 15	
n S PE BF	2 N 5058	30 150/30	> 30	
n S PE C	BUY 48, 9	150 (> 40)/500*	> 40	* > 15/5000.
n S — BF	2 N 5965	50 250/10	> 100	0,6 A max.
n S Me BF	2 N 2727	75 150/200	> 15	0,5 A max.
n S PI HF	2 N 4926, 7	20 200/30	> 30	
n S PE HF	BF 257, 8, 297, 8	25/30	110	Video.

TABELLA 49

 $P_{DM} = 510 \dots 1500 \text{ mW}$, $V_{CM} > 250 \text{ V}$.

Tecnologia	Tipo	Guad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p S D C	2 N 5416	30...130/50	> 15	1 A 300 V max.
p S PE HF	2 N 3743	25...250/30	35	
n S PE BF	2 N 5059	30...150/30	> 30	$V_{CM} = 300 \text{ V}$.
n S PE HF	2 N 3742	20...200/30	35	
n S D HC	2 N 3439	40...160/20	> 80	1 A max.
n S PE HF	BF 259, 299	$> 25/30$	110	Video col.

TABELLA 53

 $P_{DM} = 1,51 \dots 5 \text{ W}$, $V_{CM} = 16 \dots 25 \text{ V}$.

Tecnologia	Tipo	Guad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p G Me VH	2 N 1561, 1693	—	500	0,4 W/160 MHz.
p G Me VH	2 N 1562, 1692	—	500	0,5 W/160 MHz.
n G Al P	AD 161	50...300/500	3	
n S — HF	2 N 5687	$> 15/50$	—	1,5 W/50 MHz.
n S — VH	2 N 5710	$> 30/40$	—	0,3 W/150 MHz.
n S PE HC	BSY 58	42 (> 17) 100	400	$t_r = 35 \text{ ns}$.
n S — VH	BLY 34	—	450	3 W/175 MHz.
n S PE VH	BFS 51	$> 15/50$	> 450	1 W/175 MHz.
n S — VH	2 N 4427	10...200/100	> 500	1 W/175 MHz.
n S — UH	2 N 5644	$> 15/100$	> 400	1 W/470 MHz.
n S PE UH	BFS 50	$> 10/120$	> 600	1 W/400 MHz.
n S — UH	2 N 5697	$> 15/100$	—	0,25 W 470 MHz.
n S — UH	2 N 5698	$> 30/40$	—	1 W/470 MHz.
n S PI UH	BLY 38	50/500	1000	1,8 W/470 MHz.

n S — UH	2 N 4428	20...200/50	> 700	0,75 W/500 MHz.
n S — UH	2 N 5766	$> 20/50$	—	1 W/2 GHz.
n S PE UH	2 N 5916, 7	—	—	2 W/1 GHz.

TABELLA 54

 $P_{DM} = 1,51 \dots 5 \text{ W}$, $V_{CM} = 26 \dots 40 \text{ V}$.

Tecnologia	Tipo	Guad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p G AD P	2 N 2282	30...90/500	2,5	3 A max.
p G Al BF	AC 180 k	50...250/600*	> 1	* Raggruppato.
n G Al BF	AC 131 k	50...250/600*	> 1	* Raggruppato.
p S — C	2 N 3778	10...40/200	> 1	1 A max.
p S — C	2 N 3782	10...60/1000	> 1	3 A max.
p S — C	2 N 3774	20...60/200	> 1	1 A max.
p S PE C	BSV 15	40...250/100	> 50	
p S — VH	2 N 5160	$> 10/50$	900	1 W 400 MHz.
n S PI BF	2 N 545, 6	15...80/500	8	
n S PI BF	2 N 552	20...80/50	3	
n S PI BF	2 N 550	20...80/200	4	
n S PI BF	2 N 548	20...80/500	4	
n S PE C	BSX 62 B	30...90/1000*	50	* 42/2000.
n S PE C	BSX 62	30...300/1000	> 30	2 A max.
n S PI C	BSX 45	40...120/150*	> 60	* $> 20/0,1$.
n S PE BF	BC 140	40...250/100□	> 50	□ Raggruppato.
n S PE C	BSX 62 C	50...100/1000*	50	* 70/2000.
n S PE C	BSX 62 D	100...300/1000*	50	* 100/2000.
n S PE HF	BFW 29	45...100/6*	80	* $> 45/140$.
n S PI HF	BFY 33	$> 35/10^*$	100	* $> 20/500$.
n S PI HF	2 N 3053	50...250/150	100	
n S PE HC	BSY 54	100...300/150*	130	* 55/0,1.
n S PE HF	BFY 12	20...300/100*	> 180	* Raggruppato.
n S — VH	BLY 33	—	450	

n S PE VH	2 N 5109	40...120/50	> 480	11 dB/200 MHz.
n S PE VH	BFX 55	30...160/50	> 500	16 dB/200 MHz.
n S PI UH	BLY 76	30/250	1000	1,8 W/470 MHz.
n S PE UH	2 N 5913	—	900	2 W/470 MHz.
n S PI UH	BFX 49	25 (> 10)/100	1300	0,5 W/1 GHz.
n S Me UH	2 N 4429	20...200/500	700	1 W/1 GHz.
n S Me UH	2 N 4976	20...250/50	1000	1 W/2 GHz.
n S — UH	2 N 5491	20...250/50	—	1 W/2 GHz.

$P_{DM} = 1,51...5 \text{ W}$, $V_{CM} = 41...60 \text{ V}$.

Tecnologia	Tipo	Guad. di corrente / a I_c (mA)	f_t (MHz)	Osservazioni
p G AD P	2 N 3461	> 20/1000	—	3 A max.
p G AD P	2 N 2283, 2467	30...90/500	2,5	3 A max.
p S — C	2 N 3779	10...40/200	> 1	1 A max.
p S — C	2 N 3775	20...60/200	> 1	1 A max.
p S PE BF	BC 304	40...240/150*	—	* Raggruppato.
p S PE C	BSV 16	40...250/100	> 50	1 A max.
n S PI C	2 N 1084	15...60/1500	25	
n S Me P	2 N 1067	15...75/200	1,5	
n S Me P	2 N 1068	15...75/750	1,5	1,5 A max.
n S D P	2 N 1479	20...60/200	1,5	1,5 A max.
n S PI BF	2 N 551	20...80/50	3	
n S PI BF	2 N 339 A	20...80/50	10	
n S D P	2 N 1700	20...80/100	1,2	1 A max.
n S PI BF	2 N 549	20...80/200	4	
n S PI BF	2 N 547	20...80/500	4	
n S PI BF	2 N 343, A, B	28...90/5	—	
n S PE C	BSX 63 B	30...90/150	50	
n S PE C	BSX 63	30...300/1000	> 30	2 A max.
n S D P	2 N 1481	35...100/200	1,5	1,5 A max.
n S PI C	BSX 46	40...120/150	> 60	
n S PI C	2 N 1117	40...150/200	4	

n S PI C	2 N 1116	40...150 500	4	
n S PE BF	BC 302	40...240 150*	120	* Raggruppato.
n S PE BF	BC 141	40...250 100*	> 50	* Raggruppato.
n S PE C	BSX 63 C	70...150 1000*	50	* 70 2000.
n S PI HF	2 N 2657	40...120 1000	—	5 A max.
n S PI HF	2 N 3945	40...250 150	60	
n S PI HF	BFY 34	35 0,01	100	
n S PI HF	2 N 2270	50...200 150	100	
n S PE HF	BFY 13	20...300 100*	> 180	* Raggruppato.
n S PE HC	BSY 34	42 (> 25) 100	400	$t_r = 30 \text{ ns}$.
n S PE VH	2 N 3866	—	800	1,5 W 250 MHz.
n S PE VH	BFX 33	> 25 80	—	Amplif. ant.
n S PE VH	2 N 3664	> 8 50...250	> 300	2,2 W/250 MHz.
n S PE UH	2 N 5090	10...200/50	> 500	1,2 W/400 MHz.
n S PE UH	2 N 5108	> 6/50	> 600	1 W/1 GHz.
n S — UH	2 N 5470	—	—	1 W/2 GHz.
n S PE UH	2 N 5920	—	—	2 W/2 GHz.

$P_{DM} = 1,51...5 \text{ W}$, $V_{CM} = 61...90 \text{ V}$.

Tecnologia	Tipo	Guad. di corrente a I_c (mA)	f_t (MHz)	Osservazioni
p S — C	2 N 3780	10...40/200	> 1	1 A max.
p S — C	2 N 3776	20...60/200	> 1	1 A max.
n S PE BF	BC 303	> 40/150	—	1 A max.
n S — P	2 N 4150	40...120/5000	> 15	10 A max.
n S PI HF	2 N 2658	40...120/1000	—	
n S PI HF	2 N 2594	50...150/100	40	
n S PE HF	2 N 3036	> 15/1000	> 50	
n S PI HF	2 N 2102	40...120/150	60	
n S Pi HF	2 N 3665	40...120/150	> 60	
n S PI HF	2 N 3666	100...300/150	> 60	1 A max.
n S PE HF	BFY 14 B	20...60/100*	> 180	* 30/0,1.

n S PE HF	BFY 14 C	40...120/100*	> 180	* 52/0,1.
n S PE HF	BFY 14 D	100...300/100*	> 180	* 110/0,1.
n S PI HF	BFY 99	—	500	≈ 2 N 3553.

TABELLA 57

$P_{DM} = 1,51...5 \text{ W}$, $V_{CM} = 91...150 \text{ V}$.

Tecnologia	Tipo	Guad. di corrente / a I_c (mA)	f_t (MHz)	Osservazioni
p G AD C	2 N 3732	—	—	TV.
p G AD P	2 N 2468	30...90 500	—	3 A max.
p G AD P	2 N 2284	30...90 500	2,5	3 A max.
p S — C	2 N 3781	10...40 200	> 1	1 A max.
p S — C	2 N 3777	20...60 200	> 1	1 A max.
n S D P	2 N 1480	20...60 200	1,5	1,5 A max.
n S PI BF	2 N 341 A	20...80/50	10	
n S PI C	2 N 1445	20...80/200	—	
n S PI C	2 N 1053, 4	20...80/200	> 8	
n S D P	2 N 1482	35...100/200	1,5	1,5 A max.
n S PI P	2 N 4862, 3	50...150 500*	> 50	* > 15/2000.
n S PI C	BFY 45	60 (> 40) 10	130	Neon.
n S PI VH	2 N 1342	10...150 30	70	0,7 W/70 MHz.
n S PE HF	BF 305	> 30 15	100	Video.
n S PE HF	BFW 37	40...120 6*	100	* > 40/50.

TABELLA 58

$P_{DM} = 1,51...5 \text{ W}$, $V_{CM} = 151...250 \text{ V}$.

Tecnologia	Tipo	Guad. di corrente / a I_c (mA)	f_t (MHz)	Osservazioni
p G AD C	AU 113	80 (> 15) 6000	—	20 A max.

p G AD P	2 N 2469	30...90 500	—	3 A max.
p S PI BF	BFX 91	80...300 10*	> 40	* > 60/0,01.
n S PI C	2 N 1052	20...80 200	> 8	
n S PE HF	2 N 5073	30...120/200	120	
n S PE HF	BFW 36	30...120/200*	120	* > 60/1 μA .
n S PI HF	BF 110	> 30/10	150	Video.

TABELLA 59

$P_{DM} = 1,51...5 \text{ W}$, $V_{CM} > 250 \text{ V}$.

Tecnologia	Tipo	Guad. di corrente / a I_c (mA)	f_t (MHz)	Osservazioni
p G AD C	2 N 3731	—	—	TV.
p G AD C	AU 106	—	—	TV.
p G AD P	AU 112	15...40 6000	2	TV.
p G AD C	AU 111	15...80 6000	2	10 A max.
p G AD C	AU 111 C	20...80 6000	2	
p G D C	2 N 4346	> 25 6000	—	$t_f < 750 \text{ ns}$.
n S — C	2 N 5010...15	> 30 20	> 20	500...1000 V.
n S PE HF	BF 390	> 20 20	120	Video.

TABELLA 63

$P_{DM} = 5,1...15 \text{ W}$, $V_{CM} = 16...25 \text{ V}$

Tecnologia	Tipo	Guad. di corrente a I_c (mA)	f_t (MHz)	Osservazioni
p G AI P	AD 262	> 30/1500	0,5	2 A max.
p G AD C	AUY 35, 6*	35...260/5000	2,5	20 A max.
p G AI P	AD 155	> 40 300	—	2 A max.

p G AI P	AD 162	50...300/500*	1,5	* Raggruppato.
p G AI P	AD 164	150/500	—	2 A max.
n G AI P	AD 165	150/500	—	2 A max.
n S PE C	BUY 10	> 15	> 50	
n S D P	BD 162	> 30/1500	0,75	4 A max.
n S PE C	BUY 11	> 40	> 100	
n S — HF	2 N 5688	> 15/50	—	5 W/50 MHz.
n S — VH	2 N 5589	> 5/100	—	3 W/175 MHz.
n S PE VH	BLY 78, 80	> 15/750	> 350	4 W/175 MHz.
n S — VH	2 N 3924	—	500	4 W/175 MHz.
n S PI VH	BFS 22	> 5/500	700	4 W/175 MHz.
n S — VH	2 N 5703	> 15/50	—	4,5 W/175 MHz.
n S — UH	2 N 5699	> 15/50	—	4 W/470 MHz.
n S — UH	2 N 5645	> 15/500	> 400	4 W/470 MHz.
n S — VH	2 N 3925	—	500	5 W/175 MHz.
n S — VH	2 N 3926	—	500	7 W/175 MHz.
n S PI UH	BLY 53	50/1000	700	6 W/470 MHz.
n S — UH	2 N 5764	> 15/50	—	3 W 1 GHz.
n S — UH	2 N 5767	> 20/100	—	2,5 W 2 GHz.

TABELLA 64

 $P_{DM} = 5,1 \dots 15 \text{ W}, V_{CM} = 26 \dots 40 \text{ V}.$

Tecno- logia	Tipo	Quad. di corrente / a I_c (mA)	f_t (MHz)	Osservazioni
p G AI P	OC 26	20...55/1000*	—	* > 15/3000.
p G AI P	AD 136	20...100/5000*	0,3	* Raggruppato.
p G AI P	2 N 250	> 30/500	—	2 A max.
p G AI P	2 N 3214, 5	30...90/3000	0,6	5 A max.
p G AI P	AD 148	30...100/1000*	0,45	* Raggruppato.
p G AD P	2 N 2148	50...80/1000	4	5 A max.
p G AI P	2 N 376	78/700	—	3 A max.
p S PE P	2 N 3208	20...60/500	1	2 A max.

p S PE P	2 N 3202	20...60/1000	> 1	3 A max.
p S — P	2 N 3719	25...180/1000	> 60	3 A max.
p S PE HF	BFY 64	200/10	250	Fb < 8 dB.
n S D P	BD 163	> 30/1500	0,75	4 A max.
n S PE P	BDY 12 B	30...90/1000	> 30	
n S PE P	BD 109 B	30...90/1000*	> 30	* 42 2000.
n S PE P	BDY 34	30...300/2000	> 80	3 A max.
n S PE P	BDY 62	> 45/500	100	10 A max.
n S PE P	BD 106 A	50...150/500	100	2,5 A max.
n S PE P	BDY 12 C	50...150/1000	> 30	
n S PE P	BD 109 C	50...150/1000*	> 30	* 70/2000.
n S PE P	BDY 15	50...600/500	100	4 A max.
n S PE P	BD 106 B	100...300/500	100	2,5 A max.
n S PE HC	BSX 22	> 35/500	100	
n S PI HF	2 N 3619, 20	> 40/1000	> 200	
n S PI HF	2 N 3621, 2, 5, 6	> 40/5000	> 200	10 A max.
n S PI HF	2 N 3623, 4	> 40/5000	> 200	2,5 A max.
n S — VH	2 N 5711	> 20/50	—	1,5 W/150 MHz.
n S — VH	2 N 3961	—	400	4 W/175 MHz.
n S PI VH	BFS 23	> 5/500	500	4 W/175 MHz.
n S — VH	2 N 5641	> 5/100	—	7 W/175 MHz.
n S PE VH	BLY 20, 1	> 5/500	200	6-12 W/180 MHz.
n S — UH	2 N 5636	> 5/200	—	7,5 W/400 MHz.
n S — UH	2 N 5635	> 5/100	—	2,5 W/400 MHz.
n S PE UH	2 N 4440	15...150/150	500	5 W/400 MHz.
n S — VH	2 N 4040	10...80/100	—	8 W/400 MHz.
n S PE UH	2 N 5918	—	—	10 W/400 MHz.
n S PE UH	2 N 5914, 5	—	900	6 W/470 MHz.
n S — UH	2 N 5715	20...200/50	> 3500	0,25 W/2 GHz.
n S — UH	2 N 5482	20...250/50	—	2,5 W/2 GHz.
n S Me UH	2 N 4430	20...200/100	600	2,5 W/1 GHz.
n S — UH	2 N 5483	20...250/100	—	5 W/2 GHz.
n S — Da	D 40 C 1, 2, 3, 4	40 000 200	60	

TABELLA 65

 $P_{DM} = 5,1 \dots 15 \text{ W}$, $V_{CM} = 41 \dots 60 \text{ V}$.

Tecno- logia	Tipo	Guad. di corrente / a I_c (mA)	f_t (MHz)	Osservazioni
p G Al P	2 N 1183, A	20...60/400	0,5	3 A max.
p G Al P	2 N 251	> 30/500	—	2 A max.
p G Al P	2 N 2659, 62, 65, 68	30...90/500	—	3 A max.
p G Al P	2 N 1184, A	40...120/400	0,5	3 A max.
p G Al P	AD 152	40...150/300	1	2 A max.
p G AD-P	2 N 2147	100...150/1000	4	5 A max.
p S — P	D 43 C 1	> 10/1000	50	3 A max.
p S — P	D 43 C 2	> 20/1000	50	3 A max.
p S — P	D 43 C 3	> 20/2000	50	3 A max.
p S PE P	2 N 2881	20...60 500	1	2 A max.
p S PE P	2 N 3203	20...60 1000*	> 1	* > 30/500.
p S — P	2 N 3720	25...180 1000	> 60	3 A max.
p S PE P	BD 138	40...160 150	75	1,5 A max.
p S PE P	BD 136	40...250/150	75	1,5 A max.
p S — P	D 41 D 1	50...150/100	130	1 A max.
p S — P	D 41 D 2	120...360/100	130	1 A max.
p S — P	D 41 D 3	> 290/100	130	1 A max.
p S PE HF	2 N 4037	50...250/150	> 60	
n S — P	D 42 C 1	> 10/1000	50	3 A max.
n S D P	DT 330	15...60/3000	> 0,5	5 A max.
n S — P	D 42 C 2	> 20/1000	50	3 A max.
n S — P	D 42 C 3	> 20/2000	50	3 A max.
n S Me P	2 N 1714	20...60/200	> 16	1 A max.
n S D P	2 N 1483	20...60/750	1,25	3 A max.
n S PE P	BD 125	> 25/2000	> 60	4 A max.
n S — P	73 T 2	30...90/200*	—	* > 10/1000.
n S Me P	2 N 2196	30...90/200*	15	* > 10/1000.
n S PE P	BDY 13 B	30...90/1000	> 30	2 A max.
n S — P	71 T 2	30...90/1000*	—	* > 25/2000.
n S — C	2 N 5334	30...150/1000□	> 60	□ > 15/2000.
n S Me P	2 N 2239	30...200/200	2,5	0,5 A max.

n S PE P	BD 111	90 (> 40)/2000	100	10 A max.
n S Me P	2 N 1716, 20	40...120/200	> 15	1 A max.
n S PE P	BD 137	40...160/150	250	1,5 A max.
n S PE P	BD 135	40...250/150	250	1,5 A max.
n S PE P	BDY 60, 1	> 45/500	100	10 A max.
n S — P	D 40 D 1	50...150/100	130	1 A max.
n S PF P	BDY 13 C	50...150/1000	> 30	2 A max.
n S D P	2 N 1485	55...100/750	1,25	3 A max.
n S — P	74 T 2	75...200/200*	—	* > 20/1000.
n S Me P	2 N 2197	75...200/200*	15	* > 20/1000.
n S — P	72 T 2	75...200/1000*	—	* > 40/2000.
n S — P	D 40 D 2	120...360/100	130	1 A max.
n S — P	D 40 D 3	> 290/100	130	1 A max.
n S PE HF	2 N 3418	20...60/1000	> 40	3 A max.
n S PE HF	2 N 3420	40...120/1000	> 40	3 A max.
n S PE HF	2 N 3296	> 5/40...400	> 100	3 W 30 MHz.
n S PI HF	2 N 1709, 10	7,5...75/350	> 120	2 A max.
n S PE HF	2 N 3627	> 40/1000	> 200	2,5 A max.
n S PE HF	2 N 3629, 30	> 40/3000	> 200	
n S PE HF	2 N 3628	> 40/1000*	> 200	* > 30/5000.
n S PI HF	2 N 3016	60...150/1000	> 200	2,5 A max.
n S PI HF	2 N 3017	60...150/1000	> 200	5 A max.
n S PI HF	2 N 3018	60...150/1000	> 200	10 A max.
n S PE VH	2 N 2949, 50	5...100/400	200	3,5 W/50 MHz.
n S PI VH	2 N 2631	—	200	3 W/150 MHz.
n S PE UH	2 N 5921	—	—	5 W 2 HGz.
n S — Da	D 40 C 7, 8	40 000/200	60	

TABELLA 66

 $P_{DM} = 5,1 \dots 15 \text{ W}$, $V_{CM} = 61 \dots 90 \text{ V}$.

Tecno- logia	Tipo	Guad. di corrente / a I_c (mA)	f_t (MHz)	Osservazioni
p G Al P	2 N 1183 B	20...60/400	0,5	3 A max.

p G A I C	AUY 18	20...60/5000*	0,3	* Raggruppato.
p G A I P	2 N 2660, 61, 63, 64, 67, 69, 70	30...90/500	—	3 A max.
p G A I P	2 N 3213	30...90/3000	0,6	
p G A I P	2 N 1184 B	40...120/400	0,5	3 A max.
p S — P	D 43 C 4, 7	> 10/1000	50	3 A max.
p S — P	D 43 C 5, 8	> 20/1000	50	3 A max.
p S PE P	BLX 40	20...120/1000	> 10	2 A max.
p S PE P	BLX 46	20...120/3000	> 10	5 A max.
p S — P	2 N 5153	20...200/2500	> 60	5 A max.
p S PE C	2 N 5333	> 30/1000	> 30	5 A max.
p S — P	2 N 5147	30...90/1000	> 60	2 A max.
p S — P	2 N 5151	30...90/2500	> 60	5 A max.
p S D P	2 N 5322, 3	30...130/500	> 50	2 A max.
p S — P	2 N 5769	30...300/2000	> 30	5 A max.
p S PE P	BD 140	40...160/150	75	1,5 A max.
p S — P	D 41 D 4, 7	50...150/100	130	1 A max.
p S — P	2 N 5149	70...200/1000	> 60	2 A max.
p S — P	D 41 D 5, 8	120...360/100	130	1 A max.
p S PE HC	2 N 4036	40...140/150	> 60	tr < 110 ns.
n S — P	D 42 C 4, 7	> 10/1000	50	3 A max.
n S — P	D 42 C 5, 8	> 20/1000	50	3 A max.
n S Me P	2 N 2983	20...60/1000	> 18	3 A max.
n S PE P	BLX 10	20...120/1000	> 10	2 A max.
n S PE P	BLX 16	20...120/3000	> 10	5 A max.
n S — P	2 N 5154	20...200/2500	> 60	5 A max.
n S Me P	2 N 2987, 91	25...75/200	> 30	1 A max.
n S — P	2 N 5148	30...90/1000	> 50	2 A max.
n S — P	2 N 5152	30...90/2500	> 60	5 A max.
n S — P	2 N 4300	30...120/1000	> 30	2 A max.
n S — C	2 N 5336	30...120/2000	> 30	5 A max.
n S D P	2 N 5320, 1	30...130/500	> 50	2 A max.
n S — C	2 N 5335	30...150/1000*	> 60	* > 15/2000.
n S — P	2 N 5729	30...300/2000	> 30	5 A max.
n S Me P	2 N 2985	40...120/1000	> 18	3 A max.
n S PE P	BD 139	40...160/150	250	1,5 A max.
n S — P	D 40 D 4, 7	50...150/100	130	1 A max.
n S PE P	BD 107 A	50...150/500	100	2,5 A max.
n S PE P	BDY 16	50...300/500	100	4 A max.
n S Me P	2 N 2989, 93	60...120/200	> 30	1 A max.

n S — C	2 N 5337	60...240/2000	> 30	5 A max.
n S — P	2 N 5150	70...200/1000	> 50	2 A max.
n S PE P	BD 107 B	100...300/500	100	2,5 A max.
n S — C	2 N 5327	100...300/1000	100	10 A max.
n S — P	D 40 D 5, 8	120 360/100	130	1 A max.
n S PE HF	2 N 3419	20...60/1000	> 40	3 A max.
n S PE HF	2 N 3421	40...120/1000	> 40	3 A max.
n S PE HC	BSX 23	> 30/500	100	
n S PI VH	2 N 278	7,5...75/350	> 140	3 W/125 MHz.
n S PE VH	2 N 3553	—	500	2,5 W/175 MHz.
n S PE VH	2 N 3375	—	500	3 W/400 MHz.
n S PI VH	BLY 22	—	500	3 W/400 MHz.
n S PE UH	2 N 4012	—	500	3 W/800 MHz.

TABELLA 67

$$P_{DM} = 5,1 \dots 15 \text{ W}, V_{CM} = 91 \dots 150 \text{ V.}$$

Tecno- logia	Tipo	Quad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p G A I P	2 N 3212	30...90/3000	0,6	5 A max.
p S PE P	2 N 2882	20...60/500	1	
p S PE P	BLX 41, 2	20...120/1000	> 10	2 A max.
p S PE P	BLX 47, 8	20...120/3000	> 10	5 A max.
n S D P	DT 3302	15...60/3000	> 0,5	5 A max.
n S Me P	2 N 1715, 19	20...60/200	> 16	1 A max.
n S D P	2 N 1484	20...60/750	1,25	3 A max.
n S Me P	2 N 2984	20...60/1000	> 18	3 A max.
n S PE P	BLX 11, 12	20...120/1000	> 10	2 A max.
n S PE P	BLX 17, 8	20...120/3000	> 10	5 A max.
n S Me P	2 N 2988, 92	25...75/200	> 30	1 A max.
n S Me P	2 N 2201	30...90/10	15	
n S Me P	2 N 2995	30...90/200	10	1 A max.
n S — C	2 N 5338	30...120/2000	> 30	5 A max.

n S P E C	BU 100	90 (> 40)/2000	100	TV.
n S Me P	2 N 1717, 21	40...120/200	> 16	1 A max.
n S Me P	2 N 2966	40...120/1000	> 18	3 A max.
n S — P	42 T 6	50...200/200	10	TV.
n S D P	2 N 1486	55...100/750	1,25	3 A max.
n S Me P	2 N 2990, 94	60...120/200	> 30	1 A max.
n S — C	2 N 5339	60...240 2000	> 30	5 A max.
n S P I V H	2 N 2782, 3	...75 350	> 140	3 W 125 MHz.

TABELLA 68

$$P_{DM} = 5,1...15 \text{ W}, V_{CM} = 151...250 \text{ V.}$$

Tecno-logia	Tipo	Guad. di corrente / a I_c (mA)	f_t (MHz)	Osservazioni
p G A D C	AU 107	—	—	TV.
p G A D C	2 N 3730	—	—	TV.
n S — C	2 N 4063	40...160 20	> 15	1 A max.
n S P I P	BD 115	50 (> 20) 50	120	
n S — HF	D 40 N 3	30...90 20	> 50	Video.

TABELLA 69

$$P_{DM} = 5,1...15 \text{ W}, V_{CM} = 250 \text{ V.} / >$$

Tecno-logia	Tipo	Guad. di corrente / a I_c (mA)	f_t (MHz)	Osservazioni
n S — P	BU 105	—	7,5	1500 V max.
n S Me P	BD 128	50/50	20	
n S Me P	BD 129	60/50	> 10	
n S — P	2 N 5252	40...120/100	> 30	1 A/300 V max.
n S — C	2 N 4064	40...160 20	> 15	
n S — P	2 N 5253	80...250/100	> 30	1 A/300 V max.
n S — HF	D 40 N 1	30...90/20	> 50	Video.

TABELLA 73

$$P_{DM} = 15,1...50 \text{ W}, V_{CM} = 16...25 \text{ V.}$$

Tecno-logia	Tipo	Guad. di corrente / a I_c (mA)	f_t (MHz)	Osservazioni
n S P I V H	BLY 87	> 5/500	700	8 W/175 MHz.
n S — V H	2 N 5590	> 5/250	—	10 W/175 MHz.
n S P E V H	BLY 79, 81	> 15/1000	> 300	11 W/175 MHz.
n S — V H	2 N 5704	> 15/100	—	12 W/175 MHz.
n S P I V H	BLY 36, 84	—	250	13 W/175 MHz.
n S P I V H	BLY 88	> 5/500	700	15 W/175 MHz.
n S P I V H	BLY 89	> 5/500	700	25 W/175 MHz.
n S — V H	2 N 5705	> 15/100	—	25 W/175 MHz.
n S — U H	2 N 5700, 1	> 15/50	—	10 W/470 MHz.
n S — U H	2 N 5646	> 15/1000	> 400	12 W/470 MHz.
n S — U H	2 N 5701	> 15/50	—	20 W/470 MHz.
n S — U H	2 N 5765	> 20/100	—	5 W/1 GHz.
n S — U H	2 N 5768	> 20/100	—	5 W/2 GHz.

TABELLA 74

$$P_{DM} = 15,1...50 \text{ W}, V_{CM} = 26...40 \text{ V.}$$

Tecno-logia	Tipo	Guad. di corrente / a I_c (mA)	f_t (MHz)	Osservazioni
p G A I P	2 N 256	25/2000	0,1	3 A max.
p G A I P	2 N 1120	20...50/10 A	—	15 A max.
p G A I P	2 N 1038, 2552	20...60/1000	—	3 A max.
p G A I P	2 N 2556, 60, 4	20...60/1000	—	3,5 A max.
p G A I P	2 N 1042	20...60/2000	—	3,5 A max.
p G A I P	AD 130	20...100/1000*	0,35	* Raggruppato.
p G A I P	AD 133	20...100/3000*	0,3	* Raggruppato.
p G A I P	2 N 307	40/1000	—	5 A max.
p G A I P	2 N 155	> 24/500	—	3 A max.
p G A I P	ADZ 11	> 25/5000*	> 0,08	* > 15/15 A.

p G AI P	ASZ 17	25... 75/1000*	0,32	* > 20/600.
p G AI P	2 N 1227	25... 320/500	—	3 A max.
p G AI P	ADY 27	30... 100/1000	0,5	
p G AI P	AD 149, 50	30... 100/1000*	0,5	* Raggruppato.
p G AI P	ASZ 18	30... 110/1000*	0,32	* > 20/600.
p G AI P	AD 143	30... 170/1000	0,5	
p G AI P	2 N 420	> 40/4000	—	5 A max.
p G AI P	2 N 665	40... 80/500	—	5 A max.
p G AD P	AL 103	40... 250/1000	3	
p G AI P	2 N 257	100/500	—	3 A max.
p S — P	2 N 4387	> 20/1000	> 25	2,5 A max.
p S — P	2 N 3021	20... 60/1000	> 60	3 A max.
p S — P	2 N 4898	20... 100/500	> 3	4 A max.
p S D P	TIP 32	20... 100/1000	> 3	3 A max.
p S — P	2 N 4918	20... 100/500	> 3	3 A max.
p S — P	2 N 5193	25... 100/1500	> 4	4 A max.
p S — P	TIP 30	40... 200/200	> 3	1 A max.
p S — P	2 N 3024	50... 180/1000	> 60	3 A max.
p S — VH	2 N 5161	> 10/250	500	8,5 W/175 MHz.
p S — VH	2 N 5162	> 10/2000	> 500	30 W/175 MHz.
n S — P	2 N 4231	> 20/500*	> 4	* > 10/3000.
n S PI P	2 N 3744	20... 60/1000	> 30	* > 10/5000.
n S — P	2 N 4921	20... 100/500	> 3	3 A max.
n S — P	2 N 4910	20... 100/500	> 3	4 A max.
n S D P	TIP 31	20... 100/1000	> 3	3 A max.
n S — P	2 N 5190	25... 100/1500	> 4	4 A max.
n S D P	BUY 43	40... 60/500	1	
n S PI P	2 N 3747	40... 120/1000	> 40	5 A max.
n S — P	TIP 29	40... 200/200	> 3	1 A max.
n S PI P	2 N 3750	100... 300/1000	> 50	5 A max.
n S — HF	2 N 5689	> 15/100	—	10 W/50 MHz.
n S — HF	2 N 5690	> 10/100	—	25 W/50 MHz.
n S — VH	2 N 4127	10... 80/200	250	
n S — VH	2 N 5712	> 10/100	—	5 W/150 MHz.
n S PI VH	BLY 35, 83	—	250	7 W/175 MHz.
n S PI VH	BLY 91	> 5/500	500	8 W/175 MHz.
n S — VH	2 N 5713	> 10/100	—	11 W/150 MHz.
n S — VH	2 N 3927	—	500	12 W/175 MHz.

n S PI VH	BLY 92	> 5/500	500	15 W/175 MHz.
n S — VH	2 N 5642	> 5/200	—	20 W/175 MHz.
n S — VH	2 N 4128	10... 80/200	250	24 W/175 MHz.
n S PI VH	BLY 93	> 5/500	500	25 W/175 MHz.
n S — VH	2 N 4041	10... 80/75	—	3,3 W/400 MHz.
n S PE UH	2 N 5016	—	600	15 W/400 MHz.
n S PE UH	2 N 5919	—	—	16 W/400 MHz.
n S — UH	2 N 5637	> 5/500	—	20 W/400 MHz.
n S PI UH	BLY 37	50/1000	700	6 W/470 MHz.
n S — UH	2 N 5177	10... 150/100	> 200	25 W/500 MHz.
n S Me UH	2 N 4431	20... 200/100	600	5 W/1 GHz.

TABELLA 75

 $P_{DM} = 15,1 \dots 50 \text{ W}, V_{CM} = 41 \dots 60 \text{ V}.$

Tecnologia	Tipo	Quad. di corrente / a I_C (mA)	f_i (MHz)	Osservazioni
p G AI P	2 N 296	> 19/1000	—	2 A max.
p G AI P	2 N 561	20... 50/4000	—	5 A max.
p G AI P	ASZ 15	20... 55/1000*	0,3	* > 15/600.
p G AI P	2 N 1038, 2553	20... 60/1000	—	3 A max.
p G AI P	2 N 1043	20... 60/1000	—	3,5 A max.
p G AI P	2 N 2557, 61, 5	20... 60/1000	—	3,5 A max.
p G AI P	AD 131, 2	20... 100/1000*	0,35	* Raggruppato.
p G AI C	AUY 29	20... 100/5000	0,3	$t_r = 8 \mu s.$
p G AI P	ADZ 12	> 25/5000*	0,1	* > 15/15 A.
p G AI P	2 N 268	65/500	—	3 A max.
p G AD C	AUY 38	30... 190/5000	2,5	13 A max.
p G AI P	2 N 297 A	40... 100/500*	—	* > 20 2000.
p G AD P	AL 101	50... 135/5000	5	10 A max.
p G AD P	2 N 1905	50... 150/1000	> 2	6 A max.
p G AI P	2 N 2869, 70	50... 165/1000	0,45	10 A max.
p G AD P	AL 100	50... 200/5000	5	10 A max.
p G AD C	AU 105	50... 200/5000	5	TV.
p G AD P	2 N 1906	75... 250/1000	> 3	6 A max.
p G AD P	AD 166	80 (> 60)/1000	3	

p G AD P	AL 102	100...250/1000	4	
p S — P	2 N 4388	> 20/1000	> 25	2,5 A max.
p S — P	2 N 3022, 3	20...60/1000	> 60	3 A max.
p S — P	2 N 4919, 4899	20...100/500	> 3	3 A max.
p S D P	TIP 32 A	20...100/1000	> 3	3 A max.
p S PE P	2 N 5954	20...100/3000*	> 5	* > 5/6000.
p S — P	2 N 5194	25...100/1500	> 4	4 A max.
p S — P	2 N 3740	30...100/250	> 4	1 A max.
p S — P	TIP 30 A	20...200/200	> 3	1 A max.
p S — P	2 N 3025	50...180/1000	> 60	3 A max.
p S PI HF	2 N 2875	20...60/500	> 25	2 A max.
n S Me P	2 N 1069, 70	10...50/1500	—	7,5 A max.
n S PI P	2 N 1212	12...36/1000	10	3 A max.
n S PI P	2 N 389, A	12...60/1000	> 8	2 A max.
n S PI P	2 N 1250	> 15/2000	—	
n S PI P	2 N 1210	15...75/2000	15	3 A max.
n S PI P	2 N 2032	> 20/2000	> 3	
n S Me P	2 N 3222	20...60/500	> 10	2 A max.
n S PI P	2 N 3745	20...60/1000	> 30	5 A max.
n S — P	2 N 3445	20...60/3000	> 10	7,5 A max.
n S D P	2 N 1701	20...80/300	1	2,5 A max.
n S Me P	2 N 1886	20...80/500	> 2	3 A max.
n S PE P	2 N 3551	20...90/10 A	> 40	12 A max.
n S — P	2 N 4911, 22	20...100/500	> 3	4 A max.
n S D P	TIP 31 A	20...100/1000	> 3	3 A max.
n S D P	2 N 5490, 1	20...100/2500	> 0,8	7 A max.
n S D P	2 N 5494, 5	20...100/3000	> 0,8	7 A max.
n S PE P	BD 117	70 (> 20)/5000	50	5 A max.
n S D P	BUY 46	25...100/500	1	
n S D P	BDY 78	25...100/500	> 8	4 A max.
n S — P	2 N 4232	25...100/1500	> 4	3 A max.
n S — P	2 N 5191	25...100/1500	> 4	4 A max.
n S D P	2 N 5295, 6	30...120/1000	> 0,8	4 A max.
n S PE P	BDY 34	30...300/2000	> 80	3,5 A max.
n S PI P	2 N 3748	40...120/1000*	> 40	* > 10/5000.
n S — P	2 N 5083	40...120/2000	> 50	10 A max.
n S — P	2 N 3766	40...160/500	> 15	
n S Me P	2 N 3223	40...120/500	> 10	2 A max.
n S — P	TIP 29 A	40...200/200	> 3	1 A max.

n S D P	BD 148	40...250/500	1	4 A max.
n S D P	BDY 71	80...200/500	< 0,8	4 A max.
n S PI P	2 N 3751	100...300/1000	> 50	5 A max.
n S — P	2 N 5084	100...300/2000	> 50	10 A max.
n S PE HF	2 N 3297	> 2,5 400...1000	> 100	12 W 30 MHz.
n S PE HF	2 N 2947	2,5...35/400	—	15 W/50 MHz.
n S PE HF	2 N 2948	2,5...100/400	—	15 W/30 MHz.
n S PE HF	2 N 3818	5...50/400	—	15 W/100 MHz.
n S — HF	2 N 2811	20...60/5000	> 20	10 A max.
n S — HF	2 N 2812	40...120/5000	> 30	10 A max.

TABELLA 76

$P_{DM} = 15,1...50 \text{ W}$, $V_{CM} = 61...90 \text{ V}$.

Tecnologia	Tipo	Quad. di corrente / a I_L (mA)	f_t (MHz)	Osservazioni
p G Al P	AD 163	12...60/1000*	0,35	* Raggruppato.
p G Al C	AUY 21, 2	12...60/5000*	0,3	* Raggruppato.
p G Al C	AUY 28	33 (> 20)/5000	0,25	$t_s = 5 \mu s$.
p G Al P	2 N 1040	20...60/1000	—	3 A max.
p G Al P	2 N 2554	20...60/1000	—	3 A max.
p G Al P	2 N 2558, 62, 6	20...60/1000	—	3,5 A max.
p G Al P	2 N 1044	20...60/2000	—	3,5 A max.
p G Al C	AUY 19	20...100/1000*	0,35	* Raggruppato.
p G AD P	2 N 1430	30...100/500	1,5	10 A max.
p G Al P	AD 142	30...170/1000	0,5	10 A max.
p G Al P	2 N 420 A	> 40/4000	—	5 A max.
p G Al P	2 N 553	40...80/500	—	$t_r = 5 \mu s$.
p G Al P	ASZ 16	45...130/1000*	0,34	* > 35/600.
p G AD P	AD 167	80 (> 60)/1000	3	5 A max.
p S PE P	BLX 49	> 10/5000	> 20	5 A max.
p S PE P	2 N 5384, 5	20...80/2000□	> 30	□ > 10/5000.
p S PE P	2 N 5386	20...80/6000*	> 30	* > 10/12 A.
p S — P	2 N 4900, 920	20...100/500	> 3	4 A max.

p S PE P	2 N 5955, 6	20...100 2200*	> 5	* > 5,6000.
p S — P	2 N 5195	25...100 1500	> 4	4 A max.
p S — P	2 N 4999	30...90 1000	> 60	2 A max.
p S — P	2 N 5316	30...90 5000	> 30	10 A max.
p S — P	2 N 5312	30...90 10 A	> 30	20 A max.
p S — P	2 N 3741	30...100 250	> 4	1 A max.
p S — P	2 N 5770	30...300 2000	> 30	5 A max.
p S — P	2 N 5001	70...200 1000	> 60	2 A max.
n S PE C	2 N 5202	10...100 4000	> 60	$t_s < 800$ ns.
n S Me C	BUY 14	30 (> 12)/2000	11	$t_s = 0,5 \mu s$.
n S Me P	2 N 1047	12...36 500	—	0,5 A max.
n S PI P	2 N 424, A	12...60/1000	> 8	2 A max.
n S Me P	2 N 1647	15...45/500*	10	* > 12/1 A.
n S PI P	2 N 1211	15...75/2000	15	3 A max.
n S PI P	2 N 1620	15...75 2000	> 3	5 A max.
n S PI P	2 N 2150	> 20/100	> 10	2 A max.
n S PE P	BLX 19	> 20 5000	> 10	5 A max.
n S PI P	2 N 1090	20...60 500	—	
n S Me P	2 N 3220	20...60 500	> 10	2 A max.
n S PI P	2 N 3746	20...60 1000*	> 30	* > 10/5000.
n S — P	2 N 3446	20...60 3000	> 10	7,5 A max.
n S D P	2 N 5297, 8	20...80 1500	> 0,8	4 A max.
n S PE P	2 N 3552	20...90 10 A	> 40	
n S — P	2 N 4912, 4923	20...100 500	> 3	4 A max.
n S PI C	2 N 3054	25...100 500	1	
n S — P	2 N 5192	25...100 1500	> 4	4 A max.
n S D P	2 N 5492, 3	20...100 2500	> 0,8	7 A max.
n S D P	2 N 5496, 7	20...100 3500	> 0,6	7 A max.
n S — P	2 N 4233	25...100 1500	> 4	3 A max.
n S Me P	2 N 1049	30...90 500	—	0,5 A max.
n S Me P	2 N 1649	30...90 500*	10	* > 20/1 A.
n S PE C	2 N 4075	30...90 1000	> 30	
n S — P	2 N 4998	30...90 1000	> 60	2 A max.
n S — P	2 N 5317	30...90 5000	> 30	10 A max.
n S — P	2 N 5313	30...90 10 A	> 30	20 A max.
n S D P	2 N 5293, 4	30...120 500	> 0,8	4 A max.
n S — C	2 N 5427	30...120 2000	> 30	7 A max.
n S — P	2 N 4301	30...120 5000	> 40	10 A max.
n S — P	2 N 5730	30...300 2000	> 30	5 A max.

n S PI P	2 N 2151	> 40/100	> 10	2 A max.
n S PE P	2 N 3879	> 40/500	> 40	10 A max.
n S Me P	2 N 3221	40...120/500	> 10	2 A max.
n S PI P	2 N 3749	40...120/1000*	> 40	* > 10/5000.
n S PE P	2 N 3996, 8	40...120/1000□	> 40	□ > 15/5000.
n S — P	2 N 5085	40...120/2000	> 50	10 A max.
n S — P	2 N 3767	40...160/500	> 15	1 A max.
n S D P	BD 149	40...250/500	1	4 A max.
n S — C	2 N 5326	50...150/1000	80	5 A max.
n S PE C	2 N 4076	50...150/1000	> 30	
n S PI P	2 N 1723	50...150/2000	> 10	
n S D C	BU 103 A	50...200/100	100	Quadro TV.
n S PE P	2 N 3878	50...200/500	> 40	
n S — C	2 N 5428	60...240 2000*	> 30	* > 40/5000.
n S — P	2 N 5000	70...200/1000	> 60	2 A max.
n S PI P	2 N 3752	100...300/1000	> 50	5 A max.
n S PE P	2 N 3997, 9	80...240/1000□	> 40	□ > 20/5000.
n S PI HF	2 N 2866	20...60/500	> 10	2 A max.
n S — HF	2 N 2813	20...60/5000	> 20	10 A max.
n S PI HF	2 N 2867	40...120 500	> 10	
n S — HF	2 N 2814	40...120/5000	> 30	10 A max.
n S PI VH	2 N 2876	—	200	2,5 A max.
n S — VH	2 N 5025	> 20 2000	> 150	20 W/50 MHz.
n S — VH	2 N 5026	> 20 2000	> 150	25 W/80 MHz.
n S PE VH	2 N 3327	> 10 500	700	5 W/250 MHz.
n S PE VH	2 N 3632	—	400	10 W/260 MHz.
n S PE VH	2 N 3733	—	400	14 W/260 MHz.

TABELLA 77

 $P_{DM} = 15,1...50$ W, $V_{CM} = 91...150$ V.

Tecnologia	Tipo	Guad. di corrente / a I_c (mA)	f_t (MHz)	Osservazioni
p G Al C	AUY 34	12...60/1000*	0,35	$t_s = 8 \mu s$.
p G Al P	2 N 1041, 2555	20...60/1000	—	3 A max.

p G AI P	2 N 2559, 63, 7	20...60/1000	—	3,5 A max.
p G AI P	2 N 1045	20...60/2000	—	3,5 A max.
p G AI C	AUY 20	20...100/1000*	0,35	* Raggruppato.
p G ADC	AUY 37	30...110/1000	0,4	10 A max.
p G ADC	AU 108	35...200/700	—	10 A max.
p G ADC	AU 180 F	120...250/1000	—	10 A max.
p S PE P	BLX 50, 1	> 10/5000	> 20	5 A max.
p S — P	2 N 5314	30...90/10 A	> 30	20 A max.
p S — P	2 N 5318	30...90/5000	> 30	10 A max.
n S Me P	2 N 1048	12...36/500	—	0,5 A max.
n S Me P	2 N 1648	15...45/500*	10	* > 12/1000.
n S PE P	BLX 20, 1	> 20/5000	> 10	5 A max.
n S PI P	2 N 1691	20...60/500	—	—
n S Me P	2 N 2018	20...60/500	10	2 A max.
n S D C	2 N 3441	20...80/500	1	3 A max.
n S D P	BDY 79	25...100/500	> 8	4 A max.
n S Me P	2 N 1650	> 30/500*	10	* > 20/I A.
n S Me P	2 N 1050	30...90/500	—	0,5 A max.
n S Me P	2 N 1722 A	30...90/2000	> 10	—
n S — P	2 N 5319	30...90/5000	> 30	10 A max.
n S — P	2 N 5315	30...90/10 A	> 30	20 A max.
n S — C	2 N 5429	30...120/2000	> 30	7 A max.
n S PI C	BU 100 A	90 (> 40)/2000	100	$t_f < 1 \mu s$
n S Me P	2 N 2020	40...120/500	10	2 A max.
n S D C	BU 103	40...160/600	—	Quadro TV.
n S PI P	2 N 4864	50...150/500*	> 50	* > 15/2000.
n S D P	BDY 72	60...180/500	0,8	3 A max.
n S — C	2 N 5430	60...240/2000*	> 30	* > 40/5000.
n S PI VH	2 N 2887	15...80/350	—	1,2 A max.
n S PI VH	2 N 2525	> 10/350	—	5 W 70 MHz.
n S — HF	BLY 47	30...100/1000	25	5 A max.
n S — HF	BLY 48	60...200/1000	25	—
n S PI VH	2 N 3229	—	200	5 W/150 MHz.

TABELLA 78

 $P_{DM} = 15,1 \dots 50 \text{ W}, V_{CM} = 151 \dots 250 \text{ V}.$

Tecnologia	Tipo	Guad. di corrente / a I_c (mA)	f_t (MHz)	Osservazioni
p G AD P	AU 110	20...90/1000	—	TV.
p S — P	2 N 5344	25...100/500□	> 60	□ > 7/1000.
n S PI P	2 N 1235	12...60/1000	—	—
n S PE P	BLX 78, 9	> 20/2500	> 10	5 A max.
n S PE P	BLX 74, 5	> 20/5000	> 10	10 A max.
n S Me P	2 N 2019	20...60/500	10	2 A max.
n S Me P	2 N 2021	40...120/500	10	2 A max.
n S — P	2 N 3738	40...200/100	> 15	0,5 A max.
n S — P	2 N 4296	50...150/50	20	1 A max.
n S — P	2 N 4297	75...300/50	> 20	1 A max.
n S — HF	BLY 50	60...200/1000	25	—
n S — HF	BLY 49	30...100/1000	25	5 A max.
n S D HC	2 N 3583	40/100*	> 100	* > 10/1000.

TABELLA 79

 $P_{DM} = 15,1 \dots 50 \text{ W}, V_{CM} > 250 \text{ V}.$

Tecnologia	Tipo	Guad. di corrente / a I_c (mA)	f_t (MHz)	Osservazioni
p G AD P	AU 111 R	35...140/700	2	—
p S — P	2 N 5345, 57	25...100/500*	> 60	* > 7/1000.
p S D C	2 N 4240	30...150/750	> 15	5 A max.
n S — C	BU 106, 107	—	—	TV.
n S — P	DT 4305, 6*	10...50/3000	3	5 A max.

n S — P	DT 6105, 6*	10...50 5000	5	10 A max.
n S D C	BU 115	> 20 2000	—	Riga TVC.
n S D C	BU 120	> 20 2000	—	6 A max.
n S PE P	BLX 80, 1	> 20 2500	> 10	300 et 350 V.
n S PE P	BLX 76, 7	> 20 5000	> 10	300 et 375 V.
n S — P	2 N 4298	25...75 50	> 20	1 A max.
n S PE C	BU 102	110 (> 30) 1000	—	TV.
n S D P	BD 215	> 40 100	10	0,5 A max.
n S — P	2 N 3739	40...200 100	> 15	0,5 A max.
n S — P	2 N 4299	75...300 50	> 20	V _{CE} = 350 V.
n S D HC	2 N 3584, 5	25...100 1000	> 100	5 A max.

TABELLA 81-83

 $P_{DM} = 51...150 \text{ W}$, $V_{CM} = 6...25 \text{ V}$.

Tecno- logia	Tipo	Guad. di corrente / a I _C (mA)	f _t (MHz)	Osservazioni
p G AI P	ADY 31	> 15/150 A	—	160 A max.
p G AI P	2 N 677, 1031	20...60/10 A	—	25 A max.
p G AI P	2 N 277	35...70/5000	—	15 A max.
		25/12 A	—	t _r = 15 μs.
p G AI P	2 N 378	40...80/2000	—	5 A max.
p G AI P	ADY 30	> 50/15 A	—	50 A max.
p G AD P	2 N 2912	> 75/10 A	30	25 A max. - V _{CEM} = 6 V.
p G AI P	2 N 678, 1032	50...100/10 A	—	25 A max.
p G AI P	2 N 255 A	80/2000	—	V _{CM} = 15 V. - 5 A max.
p G AI P	2 N 256 A	80/2000	—	7 A max.
p G — P	2 N 4276	60...120 15 A	—	60 A max.
p G — P	2 N 4277	80...180 15 A	—	60 A max.
n S — VH	2 N 5591	> 5 500	—	25 W/175 MHz.
n S — VH	2 N 5706	> 15 100	—	40 W/175 MHz.

TABELLA 84

 $P_{DM} = 51...150 \text{ W}$, $V_{CM} = 26...40 \text{ V}$.

Tecno- logia	Tipo	Guad. di corrente / a I _C (mA)	f _t (MHz)	Osservazioni
p G AI P	2 N 627	10...30/10 A	> 0,55	10 A max.
p G AI P	2 N 1518	> 12/25 A	—	25 A max.
p G AI P	2 N 1520	> 12/35 A	—	35 A max.
p G AI P	ADY 32	> 15 150 A	—	160 A max.
p G AI P	2 N 1162, 3	15...65 25 A	> 0,4	25 A max.
p G AD P	2 N 2285	> 20/25 A	0,6	25 A max.
p G AI P	2 N 1529	20...40/3000	> 0,35	5 A max.
p G AI P	2 N 638	20...40/3000	—	15 A max.
p G AI P	2 N 441	20...40/5000	—	15 A max.
p G AI P	2 N 1549	20...40/10 A	> 0,5	15 A max.
p G AD P	2 N 350 A	30/700	—	3 A max.
p G AD P	2 N 1073	20...60/5000	0,6	10 A max.
p G AD P	2 N 2288	20...60/5000	1,5	10 A max.
p G AI P	2 N 677, 1031 A	20...60/10 A	—	25 A max.
p G AI P	2 N 511, A	20...60/10 A	0,26	25 A max.
p G AI P	2 N 512, A	20...60/15 A	0,28	25 A max.
p G AI P	2 N 513, A	20...60/20 A	0,3	25 A max.
p G AI P	2 N 514, A	20...60/25 A	0,35	25 A max.
p G — C	2 N 5692	20...65/25 A	> 0,2	40 A max.
p G AI P	2 N 379, 80	20...90/2000	—	7 A max.
p G AI P	2 N 176	25...90/500	—	7 A max.
p G AI P	2 N 2078	25...100/1200*	—	* > 8/12 A.
p G AI P	2 N 250 A	25...100/3000	—	7 A max.
p G AD P	2 N 351 A	45/700	—	1 A max.
p G AI P	2 N 307 A	> 30/200	—	5 A max.
p G AI P	2 N 554	> 30/2000	—	5 A max.
p G AI P	2 N 2137	30...60/500	> 0,6	3 A max.
p G AI P	2 N 637	30...60/3000	—	15 A max.
p G AI P	2 N 1553	30...60/10 A	> 0,4	15 A max.
p G — P	2 N 178, 555	50/500	—	3 A max.
p G AI P	2 N 456 A	30...90/5000	> 0,2	7 A max.
p G AD P	2 N 1751	30...90/20 A	—	25 A max.
AD HF	2 N 1907	30...170/10 A	> 20	20 A max.

p G AI P	2 N 1534	35...70/3000	—	5 A max.
p G AI P	2 N 3611	35...70/3000	> 0,7	7 A max.
p G AI P	2 N 173	35...70/5000	—	tr = 15 µs.
p G AI P	2 N 1359	35...90/1000	> 0,35	3 A max.
p G AI P	2 N 376 A	60 700	—	5 A max.
p G AI P	2 N 301, A	63/700	—	3 A max.
p G AI P	2 N 2082	40...160/1200*	—	* > 12/12 A.
p G AI P	TI 3027	40...250/3000	> 0,2	7 A max.
p G AI P	2 N 2142	50...100/500	> 0,6	3 A max.
p G AI P	2 N 1539, 1136	50...100/3000	—	5 A max.
p G AI P	2 N 1557	50...100/10 A	> 0,4	15 A max.
p G AI P	2 N 678, 1032 A	50...100/10 A	—	25 A max.
p G AD P	2 N 2291, 4	50...120/5000	1,5	10 A max.
p G AI P	2 N 3613	60...120/3000	> 0,7	7 A max.
p G — P	2 N 4278	60...120/15 A	—	60 A max.
p G AI P	2 N 669	90/500	—	3 A max.
p G AI P	2 N 1360	60...140/1000	> 0,3	3 A max.
p G AI P	2 N 1146	60...150/5000	> 0,15	15 A max.
p G AI P	2 N 1146, 7, A, B	60...150/5000	—	20 A max.
p G AI P	2 N 1168	110 (> 70)/1000	—	5 A max.
p G AI P	2 N 1544, 1137	75...150/3000	—	5 A max.
p G AI P	2 N 1358	> 80/1200*	0,2	* > 25/5 A.
p G — P	2 N 4279	80...180/15 A	—	60 A max.
p G AI P	2 N 1138	100...200/3000	—	5 A max.
p S — P	2 N 4901	20...80/1000	> 4	5 A max.
p S — P	TIP 36	20...100/5000	> 3	25 A max.
p S — P	2 N 4904	25...100/2500	> 4	5 A max.
p S — P	TIP 34	25...125/1000	> 3	10 A max.
n S Me P	2 N 1702	11...60/800	—	5 A max.
n S — P	2 N 1487	15...45/1500	1	6 A max.
n S — P	2 N 2305	15...60/800	1	6 A max.
n S Me P	2 N 2101	15...60/1000	—	3 A max.
n S — P	2 N 5067	20...80/1000	> 4	5 A max.
n S — P	TIP 35	20...100/5000	> 3	25 A max.
n S — P	2 N 1489	25...75/1500	1	6 A max.
n S — P	2 N 4913	25...100/2500	> 4	5 A max.
n S — P	TIP 33	25...125/1000	> 3	10 A max.
n S D P	BDY 38	30 2000	> 1	8 A max.

n S D P	BDY 75	40...120/12 A	0,8	20 A max.
n S — P	2 N 4395	40...170/2000	> 4	
n S PE HF	2 N 5070	—	—	25 W/30 MHz.
n S — HF	2 N 5691	> 10/100	—	40 W/50 MHz.
n S — VH	2 N 3950	—	150	50 W/50 MHz.
n S PE HF	2 N 5071	—	—	24 W/76 MHz.
n S — VH	2 N 5714	> 10/100	—	20 W/150 MHz.
n S — VH	2 N 5643	> 5/500	—	40 W/175 MHz.
n S — UH	2 N 5178	10...150/200	> 200	50 W 500 MHz.

TABELLA 85

$P_{DM} = 51...150 \text{ W}$, $V_{CM} = 41...60 \text{ V}$.

Tecno- logia	Tipo	Quad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p G AI P	2 N 628, 9.	10...30/10 A	> 0,5	10 A max.
p G AI P	2 N 1519	> 12/25 A	—	25 A max.
p G AI P	2 N 1521	> 12/35 A	—	35 A max.
p G AI P	2 N 1164, 5	15...65/25 A	> 0,4	25 A max.
p G AI P	2 N 1970	17...40/5000	—	15 A max.
p G AD P	2 N 1651	> 20/25 A	—	25 A max.
p G AD P	2 N 2286	> 20/25 A	0,6	25 A max.
p G AI P	2 N 1530, 1	20...40/3000	> 0,35	5 A max.
p G AI P	2 N 638 A	20...40/3000	—	15 A max.
p G AI P	2 N 442, 3	20...40/5000	—	15 A max.
p G AI P	2 N 2490	20...40/5000	—	15 A max.
p G AI P	2 N 1550, 1	20...40/10 A	—	15 A max.
p G AI P	2 N 1160	20...50/5000	—	7 A max.
p G AI P	2 N 677, 1031 B	20...60/10 A	—	25 A max.
p G AI P	2 N 511 B	20...60/10 A	0,26	25 A max.
p G AI P	2 N 512 B	20...60/15 A	0,28	25 A max.
p G AI P	2 N 513 B	20...60/20 A	0,3	25 A max.
p G AI P	2 N 514 B	20...60/25 A	0,35	25 A max.
p G — C	2 N 5435	20...60/25 A*	> 0,35	* > 10/60 A.
p G — C	2 N 5693	20...65/25 A	> 0,2	40 A max.
p G AI P	2 N 174, A	25...50/5000	> 0,1	15 A max.
p G AI P	2 N 5156	25...60/5000	0,32	10 A max.
p G AI P	2 N 2077	25...100/1200	—	15 A max.
p G AI P	2 N 251 A	25...100/3000	—	7 A max.

p G — P	2 N 2832	25...100/10 A	—	20 A max.
p G A: P	2 N 2139, 43	30...60/500	> 0,6	3 A max.
p G Al P	2 N 637 A	30...60/3000	—	15 A max.
p G Al P	2 N 2445	30...60/10 A	—	15 A max.
p G Al P	2 N 1554, 5	30...60/10 A	> 0,4	15 A max.
p G Al P	2 N 1159	30...75/3000	—	7 A max.
p G Al P	2 N 456 B	30...90/5000	> 0,2	7 A max.
p G Al P	2 N 457 A, B	30...90/5000	> 0,2	7 A max.
p G Al P	2 N 242	30...120/500	—	5 A max.
p G Al P	2 N 1535, 6, 7, 8	35...70/3000	—	5 A max.
p G Al P	2 N 3612, 15	35...70/3000	> 0,7	7 A max.
p G Al P	2 N 278	35...70/5000*	—	* 25/12 A.
p G Al P	2 N 2491	35...70/5000	—	15 A max.
p G Al P	2 N 375	35...90/1000	> 0,35	3 A max.
p G Al P	2 N 494, A	40...70/2000	—	5 A max.
p G Al P	2 N 301 A	63/700	—	3 A max.
p G Al P	ADY 26	40...120/5000	—	tr = 25 μ s.
p G — C	2 N 5438	40...120/25 A*	> 0,35	* > 15 60 A.
p G Al P	2 N 2081	40...160/1200	—	15 A max.
p G Al P	Ti 3028, 29, 30	40...250/3000	> 0,2	7 A max.
p G Al P	2 N 2144, 38	50...100/500	> 0,6	3 A max.
p G Al P	2 N 1136 A	50...100/3000	—	5 A max.
p G Al P	2 N 1540, 1	50...100/3000	—	5 A max.
p G Al P	2 N 1558, 9	50...100/10 A	> 0,4	15 A max.
p G Al P	2 N 678, 1032 B	50...100/10 A	—	25 A max.
p G Al P	2 N 3614, 17	60...120/3000	> 0,7	7 A max.
p G — P	2 N 4280, 2	60...120/15 A	—	60 A max.
p G Al P	2 N 618	60...140/1000	> 0,35	3 A max.
p G Al P	2 N 392	60...150/3000	—	5 A max.
p G Al P	2 N 1146 A, B	60...150/5000	> 0,1	15 A max.
p G Al P	2 N 1146 7 C	60...150/5000	—	20 A max.
p G Al P	2 N 1137 A	75...150/3000	—	5 A max.
p G Al P	2 N 1545, 6	75...150/3000	—	5 A max.
p G — P	2 N 4281, 3	80...180/15 A	—	60 A max.
p G Al P	2 N 1138 A	100...200/3000	—	5 A max.
p G AD HF	2 N 1046	> 40/500	20	10 A max.
p G AD HF	2 N 1908	30...170/10 A	> 20	20 A max.
p S PE P	BLX 82	> 7 20 A	> 2	20 A max.
p S — P	2 N 4902	20...80/1000	> 4	5 A max.
p S — P	TIP 36 A	20...100/5000	> 3	25 A max.

p S — P	2 N 3789	25...90/1000	> 4	10 A max.
p S — P	2 N 4905	25...100/2500	> 4	5 A max.
p S — P	TIP 34 A	25...125/1000	> 3	10 A max.
p S — P	2 N 3791	50...150/1000	> 4	10 A max.
n S PE P	BLX 85	7/20 A	> 10	20 A max.
n S — P	2 N 3429	10...5000	0,25	7,5 A max.
n S D P	BDY 10	10...50 2000*	2	* 10/4000.
n S Me P	2 N 1936	10...50 10 A	> 18	20 A max.
n S D P	2 N 2015, 6	12...60 1000	—	10 A max.
n S — P	2 N 1488	15...45 1500	1	6 A max.
n S — P	180 T 2 A	15...45 2000*	> 10	6 A max.
n S D C	2 N 2338	15...60 3000	—	7,5 A max.
n S Me P	2 N 1208	30 (> 15) 2000	20	5 A max.
n S — P	2 N 3771	15...60 15 A	1,8	30 A max.
n S Me P	2 N 1616, A	15...75/2000	20	5 A max.
n S — P	2 N 3232	15...75 3000	> 1	10 A max.
n S Me P	2 N 1209	> 20/2000	20	5 A max.
n S PI P	BDY 17	20...4000	1	25 A max.
n S — P	2 N 3487	20...60/3000	> 10	7,5 A max.
n S — P	2 N 5034, 5	20...70 2500	—	6 A max.
n S — P	2 N 5036, 7	20...70/3000	—	8 A max.
n S — P	2 N 3235	20...70/4000	> 1	10 A max.
n S D P	BDY 39	20...70/4000	1,1	10 A max.
n S PI P	BD 130	20...70/4000	1,3	15 A max.
n S Me P	BDY 55	20...70/4000	10	15 A max.
n S — P	2 N 5068	20...80/1000	> 4	5 A max.
n S — P	TIP 35 A	20...100 5000	> 3	25 A max.
n S D P	BD 142	20...250 500*	1,3	* Raggruppato.
n S PI P	2 N 4210	20...100/10 A	> 10	
n S — P	2 N 1490	25...75 1500	1	6 A max.
n S — P	2 N 3713	25...90/1000	> 4	10 A max.
n S — P	2 N 4914	25...100/2500	> 4	5 A max.
n S — P	TIP 33 A	25...125/1000	> 3	10 A max.
n S — P	180 T 2 B	30...90 2000	> 10	6 A max.
n S — P	2 N 3490	40...120 5000	> 10	7,5 A max.
n S — P	2 N 3447	40...120 5000	> 10	7,5 A max.
n S D P	BDY 76	40...120 12 A	0,8	20 A max.
n S — P	2 N 4396	40...170 2000	> 4	
n S — P	2 N 3715	50...150 1000	> 4	10 A max.
n S D P	BDY 73	50...150 4000	0,8	15 A max.
n S — P	108 T 2 C	75...180 2000	> 10	6 A max.

n S — P	2 N 2226, 3470	> 100/10 A	0,5	10 A max.
n S — P	2 N 2230, 3474	> 400/10 A	0,5	10 A max.
n S PE HF	SFT 449	35...100/4000	> 80	100 W/30 MHz.
n S PE VH	2 N 4932	—	—	12 W/88 MHz.
n S PE VH	2 N 4933	—	—	20 W/88 MHz.
n S — VH	2 N 5709	5...50/200	> 50	100 W/100 MHz.
n S PE VH	2 N 5102	—	—	15 W/136 MHz.
n S — VH	2 N 5707	5...50/100	> 50	30 W/150 MHz.
n S — VH	2 N 5708	5...50/100	> 50	50 W/150 MHz.

TABELLA 86

$P_{DM} = 51...150 \text{ W}$, $V_{CM} = 61...90 \text{ V}$.

Tecnologia	Tipo	Quad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p G AI P	2 N 630	10...30/10 A	> 0,5	10 A max.
p G AI P	2 N 1166, 7	15...65/25 A	> 0,4	25 A max.
p G AD P	2 N 2287	> 20/25 A	0,6	25 A max.
p G AI P	2 N 1532, 3	20...40/3000	> 0,35	5 A max.
p G AI P	2 N 638 B	20...40/3000	—	15 A max.
p G AI P	2 N 1552	20...40/10 A	> 0,4	15 A max.
p G AI P	2 N 2526	20...50/3000	> 0,7	10 A max.
p G AD P	2 N 1073 A	20...60/5000	0,6	10 A max.
p G AD P	2 N 2289	20...60/5000	1,5	10 A max.
p G AI P	2 N 677, 1031 C	20...60/10 A	—	25 A max.
p G — C	2 N 5436	20...60/25 A*	> 0,35	* > 10/60 A
p G — C	2 N 5694	20...65/25 A	> 0,2	40 A max.
p G AI P	2 N 1412	25...50/5000*	—	* 20/12 A.
p G AI P	2 N 2492, 3	25...50/5000	—	15 A max.
p G AI P	2 N 3146, 7	25...90/10 A	0,5	15 A max.
p G AI P	2 N 2075, 6	25...100/1200	—	5 A max.
p G — P	2 N 2833	25...100/10 A	—	20 A max.
p G AI P	2 N 2141, 5	30...60/500	> 0,6	3 A max.
p G AI P	2 N 637 B	30...60/3000	—	15 A max.
p G AI P	2 N 1556	30...60/10 A	> 0,4	15 A max.
p G AI P	2 N 1011	30...75/300	—	5 A max.
p G AI P	2 N 458 A, B	30...90/5000	> 0,2	7 A max.

p G AI P	2 N 3616	35...70/3000	> 0,7	7 A max.
p G AI P	2 N 1099	35...70/5000	—	15 A max.
p G AI P	2 N 1362	35...90/1000	> 0,35	3 A max.
p G — C	2 N 5439	40...120/25 A*	> 0,35	* > 15/60 A.
p G AI P	2 N 2079, 80	40...160/1200	—	15 A max.
p G AI P	T1 3031	40...250/3000	> 0,2	7 A max.
p G AI P	2 N 2140, 6	50...100/500	> 0,6	3 A max.
p G AI P	2 N 1136 B	50...100/3000	—	5 A max.
p G AI P	2 N 1542, 3	50...100/3000	—	5 A max.
p G AI P	2 N 1560	50...100/10 A	> 0,4	15 A max.
p G AI P	2 N 678, 1032 C	50...100/10 A	—	25 A max.
p G AD P	2 N 2212	50...120/5000	—	10 A max.
p G AD P	2 N 2292, 5	50...120/5000	1,5	10 A max.
p G AI P	2 N 3618	60...120/3000	> 0,7	—
p G AI P	2 N 1363	60...140/1000	> 0,3	3 A max.
p G AI P	2 N 1146 C	60...150/5000	> 0,1	15 A max.
p G AI P	2 N 1137 B	75...150/3000	—	5 A max.
p G AI P	2 N 1547, 8	75...150/3000	—	5 A max.
p G AI P	2 N 2612	85...250/10 A	—	15 A max.
p G AI P	2 N 1138 B	100...200/3000	—	5 A max.
p S PE P	BLX 83	> 7 20 A	> 2	20 A max.
p S PE P	BLX 52	> 10 10 A	> 20	10 A max.
p S PE P	BLX 55	> 10 30 A	> 20	30 A max.
p S — P	2 N 4903	20...80/1000	> 4	5 A max.
p S — P	2 N 3790	25...90/1000	> 4	10 A max.
p S — P	2 N 4906	25...100/2500	> 4	5 A max.
p S — P	2 N 5003	30...90/2500	> 60	5 A max.
p S — P	2 N 5007	30...90/5000	> 30	10 A max.
p S — P	2 N 5771, 2	30...300/5000	> 30	20 A max.
p S — P	2 N 3792	50...150/1000	> 4	—
p S — P	2 N 5005	70...200/2500	> 60	5 A max.
p S — P	2 N 5009	70...200/5000	> 30	10 A max.
n S PE P	BLX 25	> 5 30 A	> 10	30 A max.
n S PE P	BLX 86	> 7 20 A	> 10	20 A max.
n S — P	2 N 3238, 9	8...25/10 A	> 1	15 A max.
n S PE P	BLX 22	> 10 10 A	> 10	10 A max.
n S Me P	2 N 1937	10...50/10 A	> 18	20 A max.
n S — P	2 N 3237	12...36/10 A	> 1	20 A max.
n S — P	161 T 2 A	15...45/2000*	> 10	6 A max.

n S Me P	2 N 1617, A	15...75/2000	20	5 A max.
n S — P	2 N 3236	17...60/5000	> 1	15 A max.
n S PI P	BDY 18, 19	> 20/4000	1	25 A max.
n S — P	2 N 3488	20...60/3000	> 10	7,5 A max.
n S Me P	BDY 57	20...60/10 A	10	30 A max.
n S — P	2 N 5069	20...80/1000	> 4	5 A max.
n S PE P	2 N 4002	20...80/15 A □	> 30	□ > 10 30 A.
n S Me P	2 N 1724	20...90/2000	> 10	
n S — P	2 N 1722	20...90/2000	> 15	
n S PI P	2 N 4211	20...100/10 A	> 10	20 A max.
n S PE P	2 N 3264, 6	25...75/15 A*	> 20	25 A max.
n S — P	2 N 3714	25...90/1000	> 4	10 A max.
n S — P	2 N 4915	25...100/500	> 4	5 A max.
n S — P	181 T 2 B	30...90/2000	> 10	6 A max.
n S — P	2 N 5002	30...90/2500	> 60	5 A max.
n S — P	2 N 5006	30...90/5000	> 30	10 A max.
n S — C	2 N 5346, 477	30...120/2000	> 30	7 A max.
n S — P	2 N 5731, 2	30...300/5000	> 30	20 A max.
n S — P	2 N 3448	40...120/5000	> 10	7,5 A max.
n S — P	2 N 3491	40...120/5000	> 10	7,5 A max.
n S — P	2 N 3716	50...150/1000	> 4	10 A max.
n S Me P	2 N 1725	50...150/2000*	> 10	
n S — C	2 N 5347, 478	60...240/2000*	> 30	* > 40/5000.
n S — P	2 N 5004	70...200/2500	> 60	5 A max.
n S — P	2 N 5008	70...200/5000	> 30	10 A max.
n S — P	181 T 2 C	75...180/2000	> 10	6 A max.
n S — C	2 N 5328	100...300/1000	100	10 A max.

TABELLA 87

P_{DM} 51...150 W, V_{CM} 91...150 V.

Tecnologia	Tipo	Quad. di corrente / a I_c (mA)	f_t (MHz)	Osservazioni
p G AI P	2 N 1021, 2	> 10/5000	0,2	7 A max.
p G AD P	2 N 1652, 3	> 20/25 A	—	25 A max.
p G AD P	2 N 2636...8	> 20 25 A	—	25 A max.
p G AI P	2 N 2527	20...50 3000	> 0,7	10 A max.
p G AD P	2 N 1073 B	20...60 5000	0,6	10 A max.

p G AD P	2 N 2290, 5324	20...60/5000	1,5	10 A max.
p G — C	2 N 5695, 6	20...65/25 A	> 0,2	40 A max.
p G — C	2 N 5437	20...60/25 A*	> 0,35	* > 10/60 A.
p G AI P	2 N 1358 A	25...50/5000	—	15 A max.
p G AI P	2 N 1100	25...50/5000	0,3	15 A max.
p G D P	2 N 5155	25...100/8000	0,35	25 A max.
p G — P	2 N 2834	25...100/10 A	—	20 A max.
p G AI P	2 N 1364	35...90/1000	> 0,35	3 A max.
p G AI P	2 N 1021, 2 A	30...90/5000	0,2	7 A max.
p G AD P	2 N 2691	30...100/20 A	—	50 A max.
p G — C	2 N 5440	40...120/25 A*	> 0,35	* > 15/60 A.
p G AD P	2 N 2293, 6	50...120/5000	1,5	10 A max.
p G AI P	2 N 1365	60...140/1000	> 0,3	3 A max.
p S PE P	BLX 84	> 7/20 A	> 2	20 A max.
p S PE P	BLX 53, 4	> 10/10 A	> 20	10 A max.
p S PE P	BLX 56, 7	> 10/30 A	> 20	30 A max.
p S — P	2 N 5286	30...90/2500	> 60	5 A max.
p S — P	2 N 5290	30...90/5000	> 30	10 A max.
p S — P	2 N 5287	70...200/2500	> 70	5 A max.
p S — P	2 N 5291	70...200/5000	> 40	10 A max.
n S PE P	BLX 26, 7	> 5/30 A	> 10	30 A max.
n S PE P	BLX 87	> 7/20 A	> 10	20 A max.
n S — P	2 N 3430, 1	> 10/5000	0,25	7,5 A max.
n S PE P	BLX 23, 4	> 10/10 A	> 10	10 A max.
n S — C	2 N 1902, 1899	10...30/10 A	> 50	10 A max.
n S D P	BDY 11	10...50/2000*	2	* 10/4000.
n S Me C	BUY 13	30 (> 12)/2000	11	$t_s = 0,5 \mu s$.
n S — P	2 N 4348	> 15/5000	—	10 A max.
n S — P	182 T 2 A	15...45/2000*	> 10	6 A max.
n S — P	2 N 3489	15...45/3000	> 10	7,5 A max.
n S — P	2 N 5634	15...60/5000*	> 1	* > 5/10 A.
n S — P	2 N 3772	15...60/10 A	1,6	30 A max.
n S Me P	2 N 1618, A	15...75/2000	20	5 A max.
n S — P	2 N 3233	18...55/3000	> 1	7,5 A max.
n S PE P	2 N 5671, 2	> 20/20 A	> 50	$t_s < 1,5 \mu s$.
n S — P	2 N 4347	20...60/2000	—	5 A max.
n S — C	2 N 1901, 4	20...60/10 A	> 50	10 A max.
n S Me P	BDY 58	20...60/10 A	10	30 A max.
n S PI P	BD 141	20...70/2000	—	13 A max.
n S Me P	BDY 56	20...70/4000	10	15 A max.

n S D C	2 N 3442	20...70/3000	0,8	10 A max.
n S PI C	2 N 3055	20...70/4000	0,7	
n S — P	2 N 5633	20...80/5000*	> 1	* > 5/10 A.
n S PE P	2 N 4003	20...80/15 A*	> 30	* > 10/30 A.
n S PE P	2 N 5038, 9	20...100/12 A	> 60	20 A max.
n S PE P	2 N 3263, 5	25...75/15 A	> 20	25 A max.
n S — P	2 N 5632	25...100/5000*	> 1	* > 5/10 A.
n S Me P	2 N 1724 A	30...90/2000	> 10	
n S — P	182 T 2 B	30...90/2000	> 10	6 A max.
n S — P	2 N 5284	30...90/2500	> 60	5 A max.
n S — P	2 N 3492	30...90/5000	> 10	7,5 A max.
n S — P	2 N 5288	30...90/5000	> 30	10 A max.
n S — C	2 N 5348, 479	30...120/2000	> 30	2 A max.
n S PE C	BUY 18	90 (> 30)/1000	> 50	
n S — P	2 N 4070, 1	40...120/5000	60	10 A max.
n S D P	BDY 77	40...120/8000	0,8	16 A max.
n S — C	2 N 5329	40...120/10 A	80	20 A max.
n S D P	BDY 74	50...150/4000	0,8	15 A max.
n S — C	2 N 5330, 1*	50...150/10 A	80	30 A max.
n S — C	2 N 5348, 480	60...240/2000*	> 30	* > 40/5000.
n S — P	2 N 5285	70...200/2500	> 70	5 A max.
n S — P	2 N 5289	70...200/5000	> 40	10 A max.
n S — P	182 T 2 C	75...180/2000	> 10	6 A max.
n S — P	2 N 2227, 8, 3471, 2	> 100/10 A	0,5	10 A max.
n S — P	2 N 2231, 2, 3475, 6	> 400/10 A	0,5	10 A max.
n S PI HF	BLY 17	> 51...10 A	70	40 W/30 MHz.
n S PE HF	2 N 5072	15...60/3000	80	25 W/12 MHz.
n S PE HF	BLY 40	15...60/3000	80	25 W/12 MHz.

TABELLA 88

$$P_{DM} = 51 \dots 150 \text{ W}, V_{CM} = 151 \dots 250 \text{ V.}$$

Tecno- logia	Tipo	Guad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p G' Al P	2 N 2528	20...50/3000	> 0,7	10 A max.

p G — P	2 N 5325	20...60/5000	> 2	10 A max.
n S — P	2 N 3240	8...25/10 A	> 1	15 A max.
n S — P	2 N 3432, 3	> 10/5000	0,25	7,5 A max.
n S D P	2 N 3079	10...50/5000	—	
n S Me C	BUY 12	30 (> 12)/2000	11	$t_s = 0,5 \mu s.$
n S — P	183, 4, 5 T 2 A	15...45/2000	> 10	6 A max.
n S — P	2 N 3773	15...60/8000	1,6	30 A max.
n S — P	2 N 3234	18...55/3000	> 1	7,5 A max.
n S PE P	BLX 70, 1	> 20/10 A	> 10	30 A max.
n S PI P	2 N 5239	20...80/4000□	> 5	□ > 20 2000.
n S — C	BUY 20	20...300/3000	> 15	10 A max.
n S D P	2 N 5387, 8	25...100/2000	> 15	7,5 A max.
n S — P	183, 4, 5 T 2 B	30...90/2000	> 10	6 A max.
n S Me P	2 N 3846	40...200/5000*	> 10	* > 10/10 A.
n S — P	183, 4, 5 T 2 C	75...180/2000	> 10	6 A max.
n S — P	2 N 2229, 3473	> 100/10 A	0,5	10 A max.
n S — P	2 N 2233, 3477	> 400/10 A	0,5	10 A max.

TABELLA 89

$$P_{DM} = 51 \dots 150 \text{ W}, V_{CM} > 250 \text{ V.}$$

Tecno- logia	Tipo	Guad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
n S Me C	BU 112	> 7/6000	6	Riga TV.
n S Me C	BU 113	> 7/8000	6	Riga TVC.
n S PE P	2 N 5838	40 (> 8)/3000*	> 5	* > 20/500.
n S PE P	2 N 5839, 40*	50 (> 10)/2000	> 5	* $V_{CM} = 375 \text{ V.}$
n S Me P	BU 104	50 (> 10)/5000	> 10	7 A max.
n S — P	43 T 6	10/4000	10	TV.
n S D P	2 N 2580, 2	10...40/5000	—	10 A max.
n S D P	2 N 3080	10...50/5000	—	10 A max.
n S PI P	2 N 5241	15...35/2500	> 4	$V_{CEM} = 325 \text{ V.}$
n S D P	DTS 430, 1	15...45/2500	4	400 V.
n S Me C	BU 109	15...45/5000	10	Riga TV.
n S PE P	BLX 72, 3	> 20/10 A	> 10	300 et 375 V.

n S P I P	2 N 5240	20...80/400	> 5	V _{CEM} = 350 V.
n S — C	BUY 21, 2*	20...300/3000	> 15	* 450 V.
n S D P	2 N 2581, 3	25...65/5000	—	10 A max.
n S D P	2 N 5389	25...100/2000	> 15	7,5 A/300 V max.
n S D C	2 N 5804, 5*	25...250/500	> 15	* 375 V.
n S — P	2 N 3902	30...90/1000	4	3,5 A max.
n S Me P	DTS 423, 4, 5	30...90/1000	4	400 et 500 V.
n S — P	2 N 5157	30...90/1000	4	V _{CEM} = 400 V.
n S Me P	2 N 3847	40...200/5000*	> 10	* > 10/10 A.

TABELLA 94

$P_{LM} > 150 \text{ W}$, $V_{CM} = 26 \text{ } 40 \text{ V}$.

Tecnologia	Tipo	Quad. di corrente / a I _C (mA)	f _t (MHz)	Osservazioni
p G A I P	2 N 1980, 1	50...100/5000	> 0,3	15 A max.
p G A I P	2 N 3311	60...120/3000	> 0,4	5 A max.
p G — P	2 N 4048	60 120/15 A	—	
p G — P	2 N 4051	80...180/15 A	—	
p G A I P	2 N 3314	100...200/3000	> 0,4	5 A max.
n S — P	2 N 5301	> 15/15 A	4	20 A max.
n S Me P	2 N 1015	> 10/2000	—	7,5 A max.
n S Me P	2 N 1016	> 10/5000	—	7,5 A max.
p S — P	2 N 4398	15...60/15 A	> 4	30 A max.

TABELLA 95

$P_{DM} > 150 \text{ W}$, $V_{CM} = 41...60 \text{ V}$.

Tecnologia	Tipo	Quad. di corrente / a I _C (mA)	f _t (MHz)	Osservazioni
p G A I P	2 N 2357	> 15/50 A	—	50 A max.

p G A I P	2 N 1982	50...100/5000	> 0,3	15 A max.
p G A I P	2 N 2152, 3	50...100/5000	> 0,3	30 A max.
p G A I P	2 N 3312, 3	60...120/3000	> 0,4	5 A max.
p G — P	2 N 4049, 50	60...120/15 A	—	
p G A I P	2 N 2156, 7	80...160/5000	> 0,3	30 A max.
p G — P	2 N 4052, 3	80...180/15 A	—	
p G A I P	2 N 3315, 6	100...200/3000	> 0,4	5 A max.
p S — P	2 N 4399	15...60/15 A	> 4	30 A max.
n S Me P	2 N 1015 A	> 10/2000	—	7,5 A max.
n S Me P	2 N 1016 A	> 10/5000	—	7,5 A max.
n S — P	2 N 2739	> 10/10 A	0,2	20 A max.
n S — P	2 N 1809, 2109, 2757	> 10/10 A	0,2	30 A max.
n S — P	2 N 2745	> 10/15 A	0,2	20 A max.
n S — P	2 N 1816, 2116	> 10/15 A	0,2	30 A max.
n S — P	2 N 2763	> 10/15 A	0,2	30 A max.
n S — P	2 N 2751	> 10/20 A	0,2	20 A max.
n S — P	2 N 1823, 2123	> 10/20 A	0,2	30 A max.
n S — P	2 N 2769	> 10/20 A	0,2	30 A max.
n S — P	2 N 1830, 2130	> 10/25 A	0,2	30 A max.
n S — P	2 N 5302	> 15 15 A	4	20 A max.
n S — P	2 N 5685	15...60 25 A □	> 2	□ > 5/50 A.

TABELLA 96

$P_{DM} > 150 \text{ W}$, $V_{CM} = 61...90 \text{ V}$.

Tecnologia	Tipo	Quad. di corrente / a I _C (mA)	f _t (MHz)	Osservazioni
p G A I P	2 N 2154	50...100/5000	> 0,3	30 A max.
p G A I P	2 N 2158	80...160/5000	> 0,3	30 A max.
p S PE P	BLX 58	> 10 40 A	> 20	40 A max.
p S PE P	BLX 61	> 10 60 A	> 20	60 A max.
n S PE P	BLX 28	> 5 40 A	> 10	40 A max.

n S P E P	BLX 34	> 5/90 A	> 10	90 A max.
n S Me P	2 N 2815	10...50/10 A	> 0,6	20 A max.
n S — P	2 N 1817, 8, 2117, 8	> 10/15 A	0,2	30 A max.
n S Me P	2 N 2819	10...50/15 A	> 0,6	25 A max.
n S — P	2 N 1824, 5, 2124, 5	> 10/20 A	0,2	30 A max.
n S Me P	2 N 2823	10...50/20 A	> 0,6	30 A max.
n S — P	2 N 1831, 2, 2131, 2	> 10/25 A	0,2	30 A max.
n S D P	2 N 5578, 9, 80	10...40/40 A	> 0,4	60 A max.
n S D P	2 N 5575, 6, 7	10...40/60 A	> 0,4	80 A max.
n S — P	2 N 5303	> 15/10 A	4	20 A max.
n S — P	2 N 5686	15...60/25 A*	> 2	* > 5/50 A.
n S Me P	108 T 2	20...60/10 A	30	30 A max.
n S — P	2 N 5733, 4	30...100/10 A	> 30	30 A max.

n S — P	2 N 2746, 7	> 10/15 A	0,2	20 A max.
n S — P	2 N 1819, 20, 2119, 20, 2764, 5	> 10/15 A	0,2	30 A max.
n S — P	2 N 2753, 4	> 10/20 A	0,2	20 A max.
n S — P	2 N 1826, 2126, 2770, 2771	> 10/20 A	0,2	30 A max.
n S P I P	2 N 5250	10...40/70 A	> 10	$t_s = 1,5 \mu s$.
n S Me P	2 N 2816, 17	10...50/10 A	> 0,6	20 A max.
n S Me P	2 N 2820, 1	10...50/15 A	> 0,6	25 A max.
n S Me P	2 N 2824, 5	10...50/20 A	> 0,6	30 A max.
n S — P	2 N 5631	15...60/8000*	> 1	* > 4/16 A.
n S Me P	109 T 2	20...60/10 A	30	30 A max.
n S — P	2 N 5630	20...80/8000*	> 1	* > 4/16 A.
n S — P	2 N 5629	25...100/8000*	> 1	* > 4/16 A.
n S — C	2 N 5331	50...150/10 A	80	30 A max.

TABELLA 97

$P_{DM} > 150 \text{ W}$, $V_{CM} = 91 \dots 150 \text{ V}$.

Tecno- logia	Tipo	Guad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
p G A I P	2 N 2358, 9	> 15/50 A	—	50 A max.
p G A D P	2 N 2691 A	50...120/20 A	—	50 A max.
p S P E P	BLX 59, 60	> 10/40 A	> 20	40 A max.
p S P E P	BLX 62, 3	> 10/60 A	> 20	60 A max.
n S P E P	BLX 29, 30	> 5/40 A	> 10	40 A max.
n S P E P	BLX 35, 6	> 5/90 A	> 10	90 A max.
n S Me P	2 N 1015 B, C	> 10/2000	—	7,5 A max.
n S Me P	2 N 1016 B, C	> 10/5000	—	7,5 A max.
n S — P	2 N 2740, 1	> 10/10 A	0,2	20 A max.
n S — P	2 N 1810, 11, 2110, 11, 2758, 9	> 10/10 A	0,2	30 A max.

TABELLA 98-99

$P_{DM} > 150 \text{ W}$, $V_{CM} = 151 \dots 300 \text{ V}$.

Tecno- logia	Tipo	Guad. di corrente / a I_C (mA)	f_t (MHz)	Osservazioni
n S — P	2 N 2742	> 10/10 A	0,2	20 A max.
n S — P	2 N 1814, 2114	> 10/10 A	0,2	30 A max. - $V_{CEM} = 300 \text{ V}$.
n S — P	2 N 1812, 3, 2112, 3, 2760, 6	> 10/10 A	0,2	30 A max.
n S — P	2 N 2748, 66	> 10/15 A	0,2	20 A max.
n S — P	2 N 2766	> 10/15 A	0,2	30 A max.
n S — P	2 N 2754	> 10/20 A	0,2	20 A max.
n S — P	2 N 2772	> 10/20 A	0,2	30 A max.
n S — P	2 N 1833, 2133	> 10/25 A	0,2	30 A max.
n S Me P	2 N 2818	10...50/10 A	> 0,6	20 A max.
n S Me P	2 N 2822	10...50/15 A	> 0,6	25 A max.
n S P E P	2 N 3848	10...60/15 A	> 10	300 V max.
n S — C	2 N 5584	40...120/10 A	70	

TRANSISTORI GIAPPONESI

Tipi p-n-p al germanio,
HF e VHF

Tipo	Guad. di corrente/ a I_c (mA)	Tecno- logia e tabella	f_t (MHz)
2 SA 12, 13	55/1	Al 23	8
2 SA 15	60/1	Al 23	12
2 SA 29	60/1	Al 23	—
2 SA 30	75/1	Al 22	10
2 SA 31	50/1	Al 22	5
2 SA 33	65/1	Al 23	6
2 SA 35	75/1	Al 23	10
2 SA 36	50/1	Al 23	5
2 SA 43	60/1	D 24	30
2 SA 49	70/1	Al 23	10
2 SA 50	70/1	Al 23	14
2 SA 52	70/1	Al 23	7
2 SA 53	49/1	Al 23	5
2 SA 57	80/1	D 23	85
2 SA 58	80/1	D 23	75
2 SA 60	70/1	D 23	55
2 SA 65	70/1	Al 33	6
2 SA 69, 70	150/1	AD 23	70
2 SA 71	150/1	AD 23	100
2 SA 72	49/1	D 23	40
2 SA 73	49/1	D 23	35
2 SA 74	70/5	D 25	70
2 SA 75	70/20	D 23	30
2 SA 76	70/1	D 23	130

2 SA 77	70/1	D 23	110
2 SA 78	70/1	D 24	25
2 SA 92	70/1	D 23	50
2 SA 93	49/1	D 23	45
2 SA 101	30/1	D 24	15
2 SA 102	40/1	D 24	25
2 SA 103	50/1	D 24	35
2 SA 104	100/1	D 24	50
2 SA 105	50/1	D 11	75
2 SA 106	50/1	D 11	30
2 SA 107	40/1	D 11	20
2 SA 108	70/1	D 23	45
2 SA 109, 10	60/1	D 23	30
2 SA 111	40/1	D 23	20
2 SA 112	45/1	D 23	20
2 SA 113	45/1	Al 14	20
2 SA 114	40/1	Al 14	20
2 SA 115	—	Al 14	30
2 SA 116	—	D 14	120
2 SA 117	—	D 14	110
2 SA 118	—	D 14	100
2 SA 121, 2, 3	24/1	Ti 12	100
2 SA 124	32/1	Ti 12	120
2 SA 125	49/1	Ti 12	120
2 SA 127	—	D 36	25
2 SA 128, 9	—	D 36	20
2 SA 136	75/1	Al 21	10
2 SA 137	50/1	Al 21	5
2 SA 141	70/1	Al 22	4
2 SA 142	70/1	Al 23	8
2 SA 143	70/1	Al 22	15

2 SA 144	100/1	Al 22	12
2 SA 145	50/1	Al 22	6
2 SA 153	60/1	Ti 12	60
2 SA 154	20/1	Ti 12	50
2 SA 155	30/1	Ti 12	55
2 SA 156	50/1	Ti 12	55
2 SA 157	50/1	Ti 12	65
2 SA 159	50/1	Ti 12	55
2 SA 160	60/1	Ti 12	55
2 SA 161	13/20	Me 13	—
2 SA 162	25/20	Me 13	—
2 SA 163	66/20	Me 13	—
2 SA 164	13 20	Me 13	—
2 SA 165	25 20	Me 13	—
2 SA 166	66 20	Me 13	—
2 SA 167	70 1	Al 23	9
2 SA 168, A	70 1	Al 33	9
2 SA 172	40 200	Al 33	8
2 SA 175	80 1	D 23	85
2 SA 183	30 1	Al 12	16
2 SA 188	75 1	Al 21	10
2 SA 189	65/1	Al 22	6
2 SA 201	50 1	Al 22	8
2 SA 202	55 1	Al 22	12
2 SA 203	30/1	Al 22	5
2 SA 204	75/1	Al 34	6
2 SA 218	48/1	D 13	25
2 SA 219	50 1	D 13	40
2 SA 220	150 1	D 13	50
2 SA 221	75 1	D 13	50
2 SA 222	130 1	D 13	70

Tipo	Guad. di corrente/ a I _i (mA)	Tecno- logia e tabella	f _i (MHz)
2 SA 223	50/1	D 13	64
2 SA 224	80/1	D 13	80
2 SA 225	—	D 13	100
2 SA 226	120/1	D 13	95
2 SA 227	—	D 13	80
2 SA 228	70/1	D 26	30
2 SA 229, 30	10/2	Me 23	750
2 SA 234	70/1	Me 23	120
2 SA 235	90/1	Me 23	135
2 SA 238	30/5	Me 33	700
2 SA 239	10/2	Me 23	300
2 SA 240	20/2	Me 23	300
2 SA 241	100/1	AD 13	230
2 SA 244	30/5	Me 33	600
2 SA 245	30/5	Me 33	700
2 SA 246	70/5	Me 24	155
2 SA 254	80/1	Al 22	10
2 SA 255	50/1	Al 22	5
2 SA 256	75/1	D 23	60
2 SA 257	60/1	D 23	50
2 SA 258	45/1	D 23	40
2 SA 259	45/1	D 23	30
2 SA 260	10/2	Me 13	200
2 SA 261, 2, 3	10/2	Me 13	400
2 SA 264, 5	10/2	Me 13	600
2 SA 266	75/1	D 23	60
2 SA 267	60/1	D 23	50
2 SA 268	45/1	D 23	40
2 SA 269	45/1	D 23	30
2 SA 270	75/1	D 21	50
2 SA 271	60/1	D 21	30
2 SA 272	45/1	D 21	20
2 SA 273	45/1	D 24	40
2 SA 274	40/1	D 24	30
2 SA 275	60/1	D 24	45
2 SA 276	60/10	Al 22	210

2 SA 277	50/24	Al 23	3,5
2 SA 278	100/24	Al 23	11
2 SA 279	100/10	AD 24	80
2 SA 282	80/100	Al 33	6
2 SA 283	80/100	Al 33	10
2 SA 284	80/100	Al 33	14
2 SA 291	40/4	D 13	100
2 SA 292	40/4	D 12	200
2 SA 293	40/4	D 12	300
2 SA 294	40/4	D 12	400
2 SA 295	50/10	D 12	—
2 SA 304	70/1	Al 23	4,5
2 SA 305	70/1	Al 23	10
2 SA 313	60/1	D 23	40
2 SA 314	100/1	D 23	40
2 SA 315	110/1	D 23	55
2 SA 316	110/1	D 23	75
2 SA 321	40/1	D 13	25
2 SA 322	40/1	D 13	30
2 SA 323	—	D 13	35
2 SA 324	—	D 13	60
2 SA 331	100/1	D 23	50
2 SA 338	30/1	D 13	20
2 SA 339	60/1	D 13	30
2 SA 340, 1	100/1	AD 23	70
2 SA 342	100/1	AD 23	100
2 SA 343	100/1	AD 23	150
2 SA 344	200/10	AD 24	100
2 SA 345, 6, 7	30/3	D 23	250
2 SA 350	90/1	D 23	50
2 SA 351	70/1	D 23	35
2 SA 352	75/1	D 23	40
2 SA 353, 4	70/1	D 23	35
2 SA 355	90/1	D 23	40
2 SA 356	80/1	D 21	25
2 SA 357	80/1	D 21	30
2 SA 358	90/1	D 26	20
2 SA 359	30/5	Me 33	250
2 SA 373	40/5	Me 33	640
2 SA 374	100/150	AD 54	300

2 SA 377	100/1	AD 13	> 230
2 SA 378	100/1	AD 13	> 290
2 SA 379	100/1	AD 13	> 350
2 SA 385	120/1	Al 23	10
2 SA 400	70/1	D 23	70
2 SA 401	70/1	Me 24	230
2 SA 419	20/2	Me 13	> 350
2 SA 420	20/2	Me 13	> 300
2 SA 421	25/2	Me 13	> 400
2 SA 422	25/2	Me 13	> 500
2 SA 427	60/1	D 23	45
2 SA 428	80/1	D 23	50
2 SA 431	—	Me 23	500
2 SA 432	16/1	Me 23	—
2 SA 433	60/1	D 23	45
2 SA 434, 5	> 10/3	Me 23	400
2 SA 436, 7, 8	> 10/3	Me 23	400
2 SA 440	80/2	Me 13	200
2 SA 447	80/2	D 23	650
2 SA 448	40/3	PI 12	1600
2 SA 453	6/1	PI 23	600
2 SA 454	12/1	PI 23	600
2 SA 455	24/1	PI 23	600
2 SA 456	48/1	PI 23	600
2 SA 457	200/1	D 23	45
2 SA 468	70/1	D 23	30
2 SA 469	50/1	D 23	30
2 SA 470	75/1	D 23	30
2 SA 471	55/1	D 23	30
2 SA 472	80/1	D 23	30
2 SA 474	50/1	D 25	70
2 SA 475	70/1	D 23	30
2 SA 476	70/1	D 13	130
2 SA 477	70/1	D 13	70
2 SA 478	60/400	D 24	25
2 SA 479	50/200	D 24	25
2 SA 517, 8	60/1	D 13	80
2 SA 538	70/1	Al 23	8

Tipi p-n-p al silicio

Tipo	Guad. di corrente/ a I _c (mA)	Tecno- logia e tabella	f _t (MHz)
2 SA 480	60/1	PE 23	140
2 SA 482	50/150	PE 44	70
2 SA 495	80/10	PE 33	200
2 SA 497	70/200	PE 46	70
2 SA 498	70/200	PE 45	70
2 SA 499	50/10	PE 33	200
2 SA 500	70/10	PE 34	200
2 SA 503	60/150	PE 45	120
2 SA 504	60/150	PE 44	120
2 SA 510	50/50	PI 47	50
2 SA 511	50/50	PI 46	50
2 SA 512	50/50	PI 45	50
2 SA 513	50/50	PI 44	50
2 SA 522	50/10	PE 33	200
2 SA 522 A	50/10	PE 34	200
2 SA 525	20/1	PE 23	250
2 SA 527	50/200	PE 54	80
2 SA 528	70/100	PE 54	80
2 SA 530 H	120/10	PE 34	200
2 SA 539	80/10	PE 35	—
2 SA 544	60/10	PE 45	180
2 SA 550 A	250/2	PE 35	150
2 SA 560	60/150	PE 45	150
2 SA 561	100/20	PE 35	70
2 SA 562	100/100	PE 34	70
2 SA 564	250/2	PE 23	150
2 SA 564 A	250/2	PE 25	150
2 SA 603	> 80/10	PE 34	> 150
2 SA 604	> 40/1	PE 37	> 100
2 SA 605	> 50/1	PE 38	> 100
2 SA 606	> 30/200	PE 66	—
2 SA 609	80/1	PE 22	80
2 SA 613	> 30/500	PE 64	—
2 SA 614	> 30/500	PE 64	—

Tipi p.n.p al germanio, BF

Tipo	Guad. di corrente/ a I _c (mA)	Tecno- logia e tabella	I _{CM} (mA)
2 SB 16 A	> 20/50	AI 53	600
2 SB 17 A	> 20/50	AI 54	600
2 SB 18 A	> 20/50	AI 56	600
2 SB 19	> 20/50	AI 63	2500
2 SB 20	> 20/50	AI 64	2500
2 SB 21	> 20/50	AI 65	2500
2 SB 22	95/30	AI 33	75
2 SB 23	—	AI 12	10
2 SB 24	—	AI 12	10
2 SB 25	> 35/1000	AI 75	1500
2 SB 26	> 35/1000	AI 73	1500
2 SB 26 A	> 35/1000	AI 75	1500
2 SB 27	35/200	AI 42	500
2 SB 28	60/200	AI 42	500
2 SB 29	120/200	AI 42	500
2 SB 32	40/1	AI 33	50
2 SB 33	80/1	AI 33	50
2 SB 34	85/1	AI 33	150
2 SB 37	80/1	AI 34	50
2 SB 38	85/1	AI 33	150
2 SB 39	65/0,5	AI 12	2
2 SB 40	100/100	AI 24	100
2 SB 41	> 35/1000	AI 84	1200
2 SB 42	> 35/1000	AI 85	1200
2 SB 43 A	70/50	AI 35	150
2 SB 44	110/1	AI 23	50
2 SB 48	42/20	AI 33	100
2 SB 49	83/20	AI 33	100
2 SB 50	131/20	AI 33	100
2 SB 51	43/20	AI 34	200
2 SB 52	83/20	AI 34	200
2 SB 53	73/20	AI 34	250
2 SB 54	150/1	AI 23	50
2 SB 55	80/50	AI 35	50

2 SB 56	80/50	AI 33	50
2 SB 56 A	80/50	AI 35	150
2 SB 57	65/1	AI 24	100
2 SB 59	70/50	AI 34	100
2 SB 60	65/1	AI 33	50
2 SB 60 A	70/50	AI 33	50
2 SB 61	85/1	AI 34	50
2 SB 62	> 30/50	AI 65	500
2 SB 63	> 30/50	AI 64	500
2 SB 64	> 35/1000	D 77	6000
2 SB 66	70/1	AI 34	70
2 SB 67, A	45/1	AI 35	150
2 SB 68	60/5	AI 17	100
2 SB 69	> 35/1000	D 75	6000
2 SB 75	55/1	AI 33	100
2 SB 75 A	55/1	AI 35	100
2 SB 77	70/1	AI 33	100
2 SB 77 A	70/1	AI 35	100
2 SB 89	65/150	AI 33	150
2 SB 89 A	65/150	AI 35	150
2 SB 94	150/1	AI 33	50
2 SB 98, 9	120/1	AI 24	150
2 SB 100, 1	60/1	AI 24	50
2 SB 107	> 20/300	AI 74	2000
2 SB 107 A	> 20/1000	AI 75	2000
2 SB 110	30/1	AI 23	50
2 SB 111	45/1	AI 23	50
2 SB 112	60/1	AI 23	50
2 SB 113	80/1	AI 23	50
2 SB 114	65/20	AI 23	50
2 SB 115	85/20	AI 23	50
2 SB 116	110/20	AI 23	50
2 SB 117	140/20	AI 23	50
2 SB 120	70/2	AI 34	20
2 SB 121	60/5	AI 17	100
2 SB 122	> 35/1000	AI 76	1500
2 SB 126	30/3000	AI 84	3500
2 SB 127	50/3000	AI 84	3500
2 SB 128	25/6000	AI 86	6000
2 SB 128 A	25/6000	AI 87	6000

Tipo	Quad. di corrente/ a I _c (mA)	Tecno- logia e tabella	I _{CM} (mA)
2 SB 129	> 30/6000	Al 86	6000
2 SB 130	20/1500	Al 64	1500
2 SB 131	> 35/1000	Al 84	1500
2 SB 131 A	> 35/1000	Al 84	8000
2 SB 132	> 35/1000	Al 85	1500
2 SB 132 A	> 35/1000	Al 85	8000
2 SB 134	70/0,5	A 24	50
2 SB 135	70/1	A 24	50
2 SB 136	120/50	Al 33	150
2 SB 136 A	120/50	Al 35	300
2 SB 137	> 30/750	Al 54	2000
2 SB 138	> 30/750	Al 56	2000
2 SB 140	70/1000	Al 54	1500
2 SB 141	70/1000	Al 55	1500
2 SB 142	> 12/1000	Al 54	1000
2 SB 143	> 23/1000	Al 54	1000
2 SB 144	> 45/1000	Al 54	1000
2 SB 145	37/1000	Al 64	1000
2 SB 146	75/1000	Al 64	1000
2 SB 147	> 28/1000	Al 55	1500
2 SB 150	60/5	Al 17	40
2 SB 151	> 30/3000	Al 86	5000
2 SB 152	> 30/3000	Al 87	5000
2 SB 156, A	45/1	Al 33	300
2 SB 167	120/150	Al 33	500
2 SB 168	60/1	Al 32	100
2 SB 169	85/1	Al 32	100
2 SB 170	30/0,5	Al 24	10
2 SB 171	50/3	Al 24	10
2 SB 172	50/100	Al 24	150
2 SB 173	50/1	Al 23	10
2 SB 175	90/3	Al 24	10
2 SB 176	100/100	Al 24	125
2 SB 177	65/300	Al 25	—
2 SB 178	65/300	Al 33	300
2 SB 178 A	65/300	Al 34	300

2 SB 180	> 20/500	Al 64	500
2 SB 180 A	> 25/500	Al 64	500
2 SB 181	> 20/500	Al 65	500
2 SB 181 A	> 25/500	Al 65	500
2 SB 185	45/30	Al 33	50
2 SB 186	170/30	Al 33	50
2 SB 187	100/30	Al 33	50
2 SB 188	—	Al 33	50
2 SB 189	75/100	Al 33	250
2 SB 199	90/1	Al 32	300
2 SB 200	> 30/150	Al 44	400
2 SB 200 A	> 30/150	Al 45	400
2 SB 201	150	Al 44	150
2 SB 202	> 70/150	Al 44	400
2 SB 203	40/15 A	Al 84	20 A
2 SB 204	100/15 A	Al 84	30 A
2 SB 205	40/15 A	Al 86	20 A
2 SB 206	100/15 A	Al 86	30 A
2 SB 207, A	40/15 A	Al 87	20 A
2 SB 208, A	100/15 A	Al 87	30 A
2 SB 209	40/15 A	Al 84	20 A
2 SB 210	100/15 A	Al 84	30 A
2 SB 211	40/15 A	Al 86	20 A
2 SB 212	100/15 A	Al 86	30 A
2 SB 213, A	40/15 A	Al 87	20 A
2 SB 214, A	100/15 A	Al 87	30 A
2 SB 215	> 20/1000	Al 77	3000
2 SB 216	> 25/200	Al 75	1500
2 SB 217	> 25/200	Al 73	1500
2 SB 218	50/200	Al 36	500
2 SB 219	31/20	Al 34	200
2 SB 220	50/20	Al 34	200
2 SB 221	72/20	Al 34	200
2 SB 222	97/20	Al 34	200
2 SB 223	150/20	Al 34	200
2 SB 224	35/20	Al 35	500
2 SB 225, 6	73/20	Al 35	500
2 SB 227	91/20	Al 35	500
2 SB 235	> 25/5000	Al 86	15 A
2 SB 236	> 25/5000	Al 85	15 A

2 SB 237	> 25/5000	Al 84	15 A
2 SB 239	> 30/300	Al 76	1000
2 SB 239 A	> 30/300	Al 77	1000
2 SB 240	> 30/300	Al 74	1000
2 SB 240 A	> 30/300	Al 75	1000
2 SB 241	> 30/300	Al 76	1000
2 SB 241 A	> 30/300	Al 77	1000
2 SB 242	> 20/300	Al 74	1000
2 SB 242 A	> 20/300	Al 75	1000
2 SB 243	> 40/300	Al 74	1000
2 SB 243 A	> 40/300	Al 74	1000
2 SB 244	> 20/300	Al 76	1000
2 SB 245	> 40/300	Al 76	1000
2 SB 247	> 40/2000	Al 85	5000
2 SB 248	> 40/2000	Al 84	5000
2 SB 248 A	> 40/2000	Al 85	5000
2 SB 249	> 40/2000	Al 85	5000
2 SB 250	> 20/2000	Al 84	5000
2 SB 250 A	> 20/2000	Al 85	5000
2 SB 251	> 40/2000	Al 84	5000
2 SB 251 A	> 40/2000	Al 85	5000
2 SB 252	> 20/2000	Al 86	5000
2 SB 252 A	> 20/2000	Al 87	5000
2 SB 253	> 40/2000	Al 86	5000
2 SB 253 A	> 40/2000	Al 87	5000
2 SB 254	> 50/200	Al 74	600
2 SB 255	> 30/200	Al 64	600
2 SB 256	100/200	Al 64	600
2 SB 257	125/1	Al 23	5
2 SB 258	> 40/5000	AD 87	15 A
2 SB 259	> 40/5000	AD 86	15 A
2 SB 260	> 40/5000	AD 85	15 A
2 SB 261	45/1	Al 23	30
2 SB 262	90/1	Al 23	30
2 SB 263	60/1	Al 33	150
2 SB 264	65/0,5	Al 23	50
2 SB 265	100/100	Al 34	100
2 SB 268	70/150	Al 34	150
2 SB 271	80/100	Al 43	—
2 SB 272	200/100	Al 43	—

Tipo	Guad. di corrente/ a I _i (mA)	Tecno- logia e tabella	I _{CM} (mA)
2 SB 273	150/100	Al 43	—
2 SB 290	125/1	Al 23	40
2 SB 291	100/1	Al 34	150
2 SB 292	85/0,5	Al 34	—
2 SB 292 A	> 40/50	Al 35	150
2 SB 295	> 30/1000	Al 86	5000
2 SB 302	80/1	Al 12	2
2 SB 303	—	Al 14	20
2 SB 304	70/50	Al 34	500
2 SB 304 A	70/50	Al 35	500
2 SB 306	60/2	Al 27	20
2 SB 309	> 30/1000	D 86	8000
2 SB 310	> 30/1000	D 87	8000
2 SB 311	> 30/1000	D 88	10 A
2 SB 318	> 40/1000	D 85	5000
2 SB 319	> 40/1000	D 86	5000
2 SB 320	> 40/1000	D 86	10 A
2 SB 324	90/300	Al 34	500
2 SB 325	> 20/50	Al 57	500
2 SB 326	65/20	Al 34	500
2 SB 327	110/20	Al 34	500
2 SB 328	80/20	Al 32	300
2 SB 329	150/20	Al 32	300
2 SB 330	35/2	Al 37	150
2 SB 331, 2	> 20/5000	Al 64	—
2 SB 333, 4	> 25/5000	Al 64	—
2 SB 335	70/1	Al 23	60
2 SB 336	80/60	Al 23	60
2 SB 337	50/4000	Al 74	7000
2 SB 338	50/4000	Al 75	7000
2 SB 339	35/8000	Al 76	10 A
2 SB 340, 1	35/8000	Al 77	10 A
2 SB 342, 3	> 25/5000	D 77	6000
2 SB 345	125/2	Al 34	100
2 SB 346	220/2	Al 34	100
2 SB 348	180/2	Al 44	100

2 SB 349	150/10	Al 13	—
2 SB 350	100/30	Al 23	50
2 SB 351	> 30/5000	Al 84	15 A
2 SB 352	> 30/5000	Al 85	15 A
2 SB 353, 4	> 30/5000	Al 86	15 A
2 SB 358	> 10/4000	D 86	6000
2 SB 359	> 10/4000	D 87	10 A
2 SB 360	> 10/4000	D 88	10 A
2 SB 361	90/4500	Al 75	5000
2 SB 362	90/4500	Al 76	7000
2 SB 364	90/100	Al 23	400
2 SB 365	60/100	Al 23	400
2 SB 367	60/500	Al 63	1000
2 SB 368	110/500	Al 63	1000
2 SB 370	100/150	Al 33	500
2 SB 370 A	100/150	Al 34	500
2 SB 371	125/50	Al 34	200
2 SB 372	70/200	Al 53	1000
2 SB 373	150/200	Al 53	1000
2 SB 374	150/200	Al 55	1000
2 SB 375	> 25/8000	D 77	9000
2 SB 376	50/300	Al 33	300
2 SB 377	134/50	Al 34	150
2 SB 378	42/20	Al 33	150
2 SB 379	84/20	Al 33	150
2 SB 380	170/20	Al 33	150
2 SB 381	42/20	Al 34	300
2 SB 382	84/20	Al 34	300
2 SB 383	84/20	Al 34	500
2 SB 389	100/0,5	Al 22	10
2 SB 390	> 25/5000	D 76	6000
2 SB 391	> 25/5000	D 75	6000
2 SB 400	100/1	Al 23	40
2 SB 401	60/300	Al 34	300
2 SB 402	60/300	Al 35	300
2 SB 403	50/300	Al 34	300
2 SB 405	120/200	Al 44	1000
2 SB 407	80/1000	Al 74	7000
2 SB 410, 1	60/1000	D 75	15 A
2 SB 413	70/500	D 75	1500

2 SB 414	70/500	D 74	1500
2 SB 415	80/300	Al 34	1000
2 SB 421	70/150	D 36	600
2 SB 424	> 25/1000	Al 76	3000
2 SB 425	> 25/1000	Al 75	3000
2 SB 426	> 25/1000	Al 74	3000
2 SB 427	60/100	Al 35	500
2 SB 428	90/100	Al 35	500
2 SB 430	> 10/20 A	D 86	20 A
2 SB 431	120/150	Al 34	500
2 SB 432	> 40/5000	D 87	5000
2 SB 433	> 30/5000	Al 86	15 A
2 SB 439, 40	130/1	Al 34	150
2 SB 443, 4 A	11C 1	Al 23	10
2 SB 443, 4 B	190/1	Al 23	10
2 SB 445	> 40/1000	D 64	1500
2 SB 446	> 40/1000	D 65	1500
2 SB 447	> 15/6000	D 88	6000
2 SB 448	> 20/3000	Al 75	3500
2 SB 449	> 30/1000	Al 74	1000
2 SB 457	110/150	Al 33	500
2 SB 457 A	110/150	Al 34	500
2 SB 458	65/500	Al 43	1000
2 SB 458 A	65/500	Al 45	1000
2 SB 458 B	65/500	Al 47	1000
2 SB 459, 60	180/1	Al 23	50
2 SB 462	> 30/500	Al 65	2000
2 SB 463	> 30/500	Al 64	2000
2 SB 464	> 30/1000	D 77	6000
2 SB 465	> 34/1000	D 75	6000
2 SB 466	> 25/500	Al 74	500
2 SB 467	> 25/500	Al 75	500
2 SB 468, A	> 14/4000	D 77	10 A
2 SB 470	160/1	Al 23	50
2 SB 471, 2	> 50/1000	Al 75	10 A
2 SB 473	> 40/500	A 84	1000
2 SB 474	100/200	Al 64	2000
2 SB 475	60/150	Al 33	300
2 SB 481	> 30/1000	Al 64	1000
2 SB 483	> 40/10 A	Al 86	15 A

Tipo	Guad. di corrente/ a I_c (mA)	Tecno- logia e tabella	I_{CM} (mA)
2 SB 484, 5	> 40/10 A	Al 87	15 A
2 SB 486	200/1	Al 23	50
2 SB 487	> 30/300	Al 53	500
2 SB 488	> 30/300	Al 54	500
2 SB 492	100/200	Al 63	1000
2 SB 493	> 40/3000	Al 63	5000
2 SB 494	> 38/150	Al 33	1000
2 SB 495, A	110/150	Al 33	1000
2 SB 496	> 60/50	Al 33	250
2 SB 497	90/1	Al 22	30

Tipi n-p-n al germanio, HF

Tipo	Guad. di corrente/ a I_c (mA)	Tecno- logia e tabella	f_t (MHz)
2 SC 34	30/200	Al 23	3,5
2 SC 35	65/200	Al 23	4,5
2 SC 36	100/200	Al 23	9
2 SC 50	45/1	Al 23	12
2 SC 60	50/1	Al 23	5
2 SC 73	41/1	Ti 12	20
2 SC 75, 6, 7	24/1	Ti 12	10
2 SC 78	49/1	Ti 12	20
2 SC 89	> 20/20	— 22	3
2 SC 90	> 20/200	— 23	5
2 SC 91	> 20/200	— 23	10
2 SC 128	30/100	Al 24	5,5
2 SC 129	45/100	Al 23	8
2 SC 173	41/1	Ti 12	20
2 SC 175, 6, 7	24/1	Ti 12	10
2 SC 178	49/1	Ti 12	20

2 SC 179	> 20/20	— 23	3
2 SC 180	> 20/200	— 23	5
2 SC 181	> 20/200	— 23	10

Tipi n-p-n al silicio, HF e VHF

Tipo	Guad. di corrente/ a I_c (mA)	Tecno- logia e tabella	f_t (MHz)
2 SC 15	60/10	Me 44	200
2 SC 27	50/10	Me 45	150
2 SC 28	30/10	Me 34	100
2 SC 29	30/10	Me 24	100
2 SC 30	45/10	Me 45	250
2 SC 31	35/10	PI 44	200
2 SC 32	60/10	PI 44	200
2 SC 33	55/5	Me 35	270
2 SC 37	50/10	PI 34	200
2 SC 38	50/10	PI 44	200
2 SC 39	50/1	PI 33	500
2 SC 39 A	120/3	PI 33	350
2 SC 40	50/1	Me 33	750
2 SC 41	> 12/1000	Me 87	20
2 SC 42	> 5/1000	Me 87	20
2 SC 42 A	> 12/1000	Me 87	20
2 SC 43, 4	> 5/1000	Me 87	20
2 SC 45	> 25/10	Me 44	160
2 SC 46	50/1	Me 45	180
2 SC 47	50/1	Me 44	180
2 SC 48	50/1	Me 47	180
2 SC 49	70/15	PE 47	160
2 SC 51	50/1	Me 45	180
2 SC 52	50/1	PI 44	350
2 SC 53	50/1	PI 44	300
2 SC 54	50/1	PI 34	350

2 SC 55	50/1	PI 34	300
2 SC 57	30/150	Me 65	110
2 SC 58 A	65/10	Me 47	135
2 SC 59	35/150	PE 46	150
2 SC 61	50/1	Me 44	180
2 SC 64	50/5	Me 46	> 20
2 SC 65	20/5	Me 47	> 20
2 SC 66	70/5	Me 47	> 30
2 SC 69	50/150	PE 46	160
2 SC 70	45/2	Al 48	—
2 SC 74	50/2	PI 34	100
2 SC 79	50/1	Me 33	500
2 SC 80	55/5	PI 34	200
2 SC 87	50/10	Me 44	250
2 SC 88	50/10	Me 47	250
2 SC 97	60/150	PE 45	250
2 SC 98	45/10	PI 33	350
2 SC 99	80/10	PI 33	350
2 SC 100	> 30/10	PE 33	300
2 SC 105	35/0,1	PI 34	—
2 SC 108	> 18/150	Me 46	> 70
2 SC 109	> 18/150	Me 45	> 70
2 SC 116	—	Me 45	70
2 SC 117, 8, 9	10/30	D 56	60
2 SC 120	40/0,05	PI 34	200
2 SC 121	40/1	PI 34	200
2 SC 122	90/1	PI 34	200
2 SC 123	140/1	PI 34	200
2 SC 124	40/0,05	PI 34	200
2 SC 127	150/1	PI 33	200
2 SC 130	> 20/20	PI 55	160
2 SC 131	60/10	PE 34	350
2 SC 132, 3	60/10	PE 33	350
2 SC 134	60/10	PE 34	350
2 SC 135	60/10	PE 33	350
2 SC 136	60/10	PE 36	350
2 SC 137	50/10	PE 34	350
2 SC 138, A	50/30	PE 45	400
2 SC 139	50/30	PE 45	400
2 SC 140	30/50	Me 55	200

Tipo	Quad. di corrente/ a I, (mA)	Tecno- logia e tabella	f _i (MHz)
2 SC 147	24 50	Me 54	120
2 SC 149	50/150	Me 47	160
2 SC 150	50 10	Me 43	100
2 SC 151	50 10	Me 44	130
2 SC 152	50 10	Me 45	160
2 SC 154	10 10	D 47	220
2 SC 155	35 2	PI 23	200
2 SC 156	50 2	PI 23	200
2 SC 170	60 10	PI 23	250
2 SC 171	60 10	PI 33	250
2 SC 172	60 10	PI 33	350
2 SC 172 A	60 10	PI 34	350
2 SC 174	45 2	PI 34	170
2 SC 174 A	42 2	PI 35	200
2 SC 182	80/20	PE 33	90
2 SC 183	> 20/1	PI 23	> 60
2 SC 184	> 40/1	PI 23	> 100
2 SC 185	> 40/1	PI 23	> 200
2 SC 186	40/2,5	PI 23	250
2 SC 187	50/2,5	PI 23	250
2 SC 188	50/10	PI 44	150
2 SC 189	40/150	PI 45	150
2 SC 190	75/150	PI 45	180
2 SC 191	20/1	Ti 35	50
2 SC 192	20/1	Ti 35	10
2 SC 193	20/1	Ti 35	30
2 SC 194	20/1	Ti 35	50
2 SC 195	20/1	Ti 34	10
2 SC 196	20/1	Ti 34	30
2 SC 197	20/1	Ti 34	50
2 SC 199	70/3	Me 45	130
2 SC 200	60/1	PE 44	350
2 SC 201	60/1	PE 43	350
2 SC 202	60 1	PE 46	350
2 SC 203	60 1	PE 34	350
2 SC 204	60 1	PE 33	350

2 SC 205	80 1	PE 36	350
2 SC 206	35 2	PI 33	200
2 SC 210	50 20	PI 45	150
2 SC 211	50 20	PI 44	150
2 SC 212	50 20	PI 46	150
2 SC 213	50 20	PI 45	150
2 SC 214	50/20	PI 43	150
2 SC 215	50 20	PI 46	150
2 SC 216	50 50	PI 55	—
2 SC 217	50/50	PI 54	—
2 SC 218	50/50	PI 56	—
2 SC 220	50/20	PE 45	150
2 SC 221	50/20	PE 44	150
2 SC 222	50/20	PE 46	150
2 SC 223	20/200	PE 55	150
2 SC 224	20/200	PE 53	150
2 SC 225	20/200	PE 56	150
2 SC 226	50/100	PE 45	—
2 SC 227	50/100	PE 44	—
2 SC 228	50/100	PE 46	—
2 SC 229	50/100	PE 56	—
2 SC 230	60/1	PE 36	350
2 SC 231	40/150	Me 45	—
2 SC 232	40/150	Me 44	—
2 SC 233	40/150	Me 46	—
2 SC 234, 5	20 150	Me 57	130
2 SC 236	17 20	Me 56	100
2 SC 237	80 1	PE 33	450
2 SC 238	80 1	PE 44	300
2 SC 239	80 1	PE 34	450
2 SC 240, 2	35 1000	Me 86	35
2 SC 241	35 1000	Me 85	35
2 SC 242	> 15 1000	PE 85	35
2 SC 243	35 1000	Me 87	35
2 SC 244	35 1000	Me 86	35
2 SC 245	35 1000	Me 87	35
2 SC 246	35 1000	Me 88	35
2 SC 247	60/2	PI 47	150
2 SC 248	60/2,5	PI 36	170
2 SC 249	60/2,5	PI 46	170

2 SC 250	45 2	PI 23	170
2 SC 251, A	50 5	PE 34	900
2 SC 252, 3	50 5	PE 34	900
2 SC 266	60 1	PE 34	> 200
2 SC 267	> 40/20	PE 34	> 30
2 SC 268	40 1	PE 35	90
2 SC 268 A	40/1	PE 36	90
2 SC 269	> 20/10	PE 35	400
2 SC 270	> 24/2000	Me 87	20
2 SC 271	70/20	PE 23	800
2 SC 272	70/20	PE 23	1200
2 SC 273	50/3	PI 47	> 100
2 SC 281	> 60/10	PI 34	200
2 SC 282	> 60/10	PI 34	200
2 SC 283	> 35/10	PI 35	200
2 SC 284	> 35/10	PI 36	200
2 SC 285, A	60/10	PE 45	320
2 SC 286, 7	70 2	PE 23	600
2 SC 288	70 2	PE 24	850
2 SC 288 A	80 5	PE 34	1100
2 SC 289	70 2	PE 23	1100
2 SC 290	> 5 350	PE 54	> 80
2 SC 291	40 1000	PE 45	90
2 SC 292	70 100	PE 46	90
2 SC 293	70 100	PE 47	90
2 SC 300, 1	50 10	PI 33	400
2 SC 302	50 10	PI 34	400
2 SC 303	20 100	PI 45	180
2 SC 304	25 100	PI 45	200
2 SC 305	30 100	PI 46	200
2 SC 306	85/150	PI 44	150
2 SC 307	85/150	PI 45	200
2 SC 308	65/150	PI 46	90
2 SC 309, 10	65/150	PI 47	120
2 SC 316	350/2	PI 34	150
2 SC 318	90/1	PE 35	170
2 SC 319	> 20/100	PE 44	> 350
2 SC 320	> 20/100	PE 44	> 400
2 SC 352	90/1	PE 45	170
2 SC 353	90/1	PE 46	170

Tipo	Quad. di corrente/ a I _i (mA)	Tecno- logia e tabella	f _i (MHz)
2 SC 368	250/1	PI 33	150
2 SC 369	250/1	PE 33	150
2 SC 370	40/1	PE 34	150
2 SC 371	80/1	PE 34	150
2 SC 372	140/1	PE 34	150
2 SC 373	250/1	PE 34	150
2 SC 374	400/1	PE 34	150
2 SC 379	70/2	PI 34	300
2 SC 382	80/4	PE 34	550
2 SC 384	50/1	PE 33	500
2 SC 385	80/8	PE 33	600
2 SC 386	80/8	PE 33	500
2 SC 387	100/8	PE 33	900
2 SC 388	80/8	PE 33	450
2 SC 395	50/10	PE 33	600
2 SC 397	80/8	PE 33	800
2 SC 400	80/10	PI 33	250
2 SC 401, 2	90/1	PE 25	170
2 SC 403	60/1	PE 25	170
2 SC 404	90/1	PE 24	170
2 SC 407	> 10/5000	— 87	—
2 SC 408	> 20/5000	— 87	—
2 SC 409, 11	> 10/5000	— 88	—
2 SC 410, 2	> 20/5000	— 88	—
2 SC 423, 4	80/20	PE 33	350
2 SC 425, 6	80/20	PE 32	350
2 SC 427	60/20	PE 33	350
2 SC 428	60/20	PE 31	350
2 SC 429	27/1	PE 23	380
2 SC 430	46/1	PE 23	420
2 SC 431	> 10/10 A	Me 97	I _{CM} = 30 A
2 SC 432	> 20/10 A	Me 97	
2 SC 433, 5	> 10/10 A	Me 98	
2 SC 434, 6	> 20/10 A	Me 98	
2 SC 440, 1	50/0,1	PI 33	

2 SC 442	50/0,1	PI 34	400
2 SC 443	20/100	PI 45	> 70
2 SC 444	25/100	PI 85	> 140
2 SC 445	30/100	PI 86	> 140
2 SC 448	20/350	PI 77	140
2 SC 449	20/350	PI 76	140
2 SC 450	20/350	PI 75	140
2 SC 452	> 15/350	PI 77	140
2 SC 456	20/80	PE 45	200
2 SC 464, 5, 6	40/1	PE 34	400
2 SC 469	100/1	PE 23	250
2 SC 470	60/3	PE 47	170
2 SC 475	300/0,5	PE 33	100
2 SC 476	350/0,5	PE 33	100
2 SC 477	= BF 115		
2 SC 478	20/20	PE 35	200
2 SC 481	50/150	PE 66	—
2 SC 493	60/1000	Me 86	20
2 SC 494	60/1000	Me 85	20
2 SC 500	20/100	PI 45	180
2 SC 502	30/200	PE 46	250
2 SC 503	40/10	PE 44	120
2 SC 504	40/10	PE 43	120
2 SC 510, 1, 2	50/50	PI 47	50
2 SC 513	50/50	PI 46	50
2 SC 518	40/5000	Me 87	40
2 SC 519	50/1000	Me 87	20
2 SC 520	50/1000	Me 86	20
2 SC 521	50/1000	Me 85	20
2 SC 526	40/45	Me 48	250
2 SC 536	80/1	PI 23	180
2 SC 537	80/1	PI 22	180
2 SC 538	250/2	PE 33	85
2 SC 538 A	250/2	PE 35	85
2 SC 539	250/2	PE 33	95
2 SC 540	270/0,5	PE 34	100
2 SC 544	80/1	PI 24	350
2 SC 545	80/1	PI 23	350
2 SC 546	80/1	PI 24	700
2 SC 547	30/100	PE 85	400

2 SC 549	30/100	PE 65	400
2 SC 551	30/200	PE 75	350
2 SC 552	> 10/600	PE 73	350
2 SC 553	> 10/300	PE 74	400
2 SC 556	45/50	PE 43	850
2 SC 558	40/5000	Me 78	40
2 SC 560	60/150	PE 45	150
2 SC 561	35/2	PI 33	200
2 SC 562	= BF 167		
2 SC 563	38/7	PI 34	550
2 SC 566	> 50/100	PE 44	500
2 SC 567	> 40/2	PE 32	1000
2 SC 568	80/2	PE 33	1300
2 SC 582	> 30/50	Me 59	—
2 SC 587, A	300/2	PE 34	100
2 SC 588	100/10	PE 43	200
2 SC 590	70/150	PE 47	160
2 SC 591	> 10/150	PE 76	160
2 SC 592	> 25/500	PI 66	180
2 SC 594	60/10	PE 44	200
2 SC 595	80/10	PI 34	450
2 SC 596	50/30	PE 45	400
2 SC 597	30/100	PE 67	400
2 SC 598	> 30/100	PE 65	400
2 SC 599	40/10	PI 75	350
2 SC 600	> 30/200	PE 75	400
2 SC 601	60/10	PI 34	580
2 SC 602	60/5	PE 34	800
2 SC 605	60/2	PI 34	480
2 SC 606	60/2	PI 34	530
2 SC 608, 9 T	> 10/100	D 45	> 50
2 SC 611	80/2	PE 33	1000
2 SC 612	80/2	PE 33	1300
2 SC 614, 6	> 80/250	PE 65	200
2 SC 615, 7	> 100/250	PE 63	200
2 SC 619	110/10	PE 32	250
2 SC 620	90/10	PE 34	250
2 SC 621, 2	80/1	PE 23	150
2 SC 631	350/1	Me 33	140
2 SC 632	350/1	Me 34	140

Tipo	Guad. di corrente/ a I _c (mA)	Tecno- logia e tabella	f _i (MHz)
2 SC 633	90/1	Me 33	140
2 SC 634	90/1	Me 34	140
2 SC 635	80/500	PE 65	500
2 SC 636	80/1000	PE 75	400
2 SC 637	> 20/500	PE 63	500
2 SC 638	> 20/1000	PE 73	400
2 SC 639	80/10	PE 34	750
2 SC 640	300 0,5	PE 23	—
2 SC 643	> 30/1500	D 79	> 500
2 SC 644	> 10/2000	D 79	> 200
2 SC 649	> 90 0,1	PE 33	220
2 SC 650	> 25 0,1	PE 33	220
2 SC 651	80/100	PE 43	1100
2 SC 652	> 20/100	PE 43	800
2 SC 655	250/2	PE 22	80
2 SC 656	130/5	PE 12	550
2 SC 658	60/1	PE 22	550
2 SC 659	60/1	PE 22	400
2 SC 660, 1	60/3	PI 22	600
2 SC 662	40/2	PE 22	800
2 SC 663	40/10	PE 22	900
2 SC 667, 8	50/1	PI 22	600
2 SC 674	50/1	PI 22	700
2 SC 682, 3	> 20/2	PI 33	550
2 SC 685	> 30/50	D 69	25
2 SC 693, 4	240/1	PI 24	200
2 SC 696, A	> 28/500	PE 46	> 35
2 SC 697, A	> 30/1000	PE 66	> 35
2 SC 705	50/1	PE 22	800
2 SC 709	70/10	PE 22	150
2 SC 710	90/10	PE 32	200
2 SC 711	80/0,1	PE 23	150
2 SC 712	80/1	PE 22	150
2 SC 712 A	80/1	PE 23	150
2 SC 713	90/10	PE 33	100
2 SC 714	60/10	PE 34	250
2 SC 715, 6	80/1	PE 23	150

2 SC 727	90/10	D 37	20
2 SC 728	90/10	D 38	20
2 SC 733	200/2	PE 34	150
2 SC 734	100/20	PE 35	150
2 SC 735	100/100	PE 34	150
2 SC 738	60/1	PE 22	440
2 SC 739	60/1	PE 22	350
2 SC 740	40/10	PE 22	900
2 SC 761	> 13/2	PI 23	675
2 SC 762	> 13/2	PI 23	600
2 SC 765	> 20/1000	Me 74	—
2 SC 766	> 20/1000	Me 76	—
2 SC 767	> 20/1000	Me 77	—
2 SC 768	> 8/1000	Me 74	—
2 SC 769	> 8/1000	Me 76	—
2 SC 770, 1	> 8/1000	Me 77	—
2 SC 772	50/1	PE 22	350
2 SC 773	> 20/10	PE 34	250
2 SC 774	> 20/100	PI 45	200
2 SC 775, 6	> 5/500	PI 45	200
2 SC 777, 8	> 5/500	PI 55	150
2 SC 782	> 30/100	Me 79	10
2 SC 783	> 30/100	Me 78	10
2 SC 784, 5	> 50/1	PE 24	450
2 SC 796	50/150	PI 44	200
2 SC 797	30/150	PI 44	150
2 SC 806	30/2000	D 89	5,5
2 SC 807	50/1000	D 88	5,5
2 SC 823	100/15	PE 43	1000
2 SC 824	100/30	PE 43	1000
2 SC 826, 7	80/100	D 45	20
2 SC 828	250/2	PE 23	150
2 SC 828 A	250/2	PE 25	150
2 SC 844	> 10/100	PI 43	800
2 SC 845	> 10/100	PI 44	800
2 SC 848, 9	160/10	PI 33	60
2 SC 901, A	> 14/5000	D 78	—
2 SC 908	> 5/100	PE 54	800
2 SC 909, 10	> 5/100	PE 64	800
2 SC 911	> 5/100	PE 56	800

2 SC 912	81/10	PE 23	150
2 SC 917	8/10	PI 34	180
2 SC 918	> 20/4	Me 33	400
2 SC 920	75/500	PE 23	150
2 SC 921	65/500	PE 22	> 450
2 SC 924	100/500	PE 32	—
2 SC 926	50/1	D 27	160
2 SC 927, 8	80/1	PI 22	500
2 SC 929, 30	90/1	PE 22	300
2 SC 931	70/1	Me 65	120
2 SC 932	70/1	Me 63	120
2 SC 936	> 30/120	Me 69	—
2 SC 937	> 8/300	Me 79	—
2 SC 941	60/2	PE 34	120
2 SC 943	> 80/10	Me 33	150
2 SC 947	20/2	PI 23	650
2 SC 948	24/3	PI 23	800
2 SC 957	> 13/1	Me 34	700
2 SC 959	> 30/200	PE 66	—
2 SC 979	> 70/10	PE 35	400
2 SC 980	70/10	PE 35	400
2 SC 985	> 30/15	PE 32	3500
2 SC 987	> 30/10	PE 22	4500
2 SC 988	> 30/10	PE 22	3000
2 SC 989	> 30/30	PE 22	3000
2 SC 991, 2	30/100	PE 44	500
2 SC 995, 6	80/50	PI 49	100
2 SC 997	70/4	PI 24	600
2 SC 999	> 30/150	Me 79	1
2 SC 1001	> 10/100	PE 53	800
2 SC 1002	> 10/200	PE 63	700
2 SC 1003	> 20/400	PE 63	600
2 SC 1004	> 30/150	Me 39	2
2 SC 1005, A	> 5/4000	Me 79	3
2 SC 1010	> 100/1	PE 34	> 50
2 SC 1024	70/1000	Me 75	—
2 SC 1025	80/200	Me 76	—
2 SC 1079, 80	> 40/2000	Me 87	3
2 SC 1086	> 6/2000	Me 89	5

Tipi n-n-p al germanio, BF

Tipo	Quad. di corrente/ a I_c (mA)	Tecno- logia e tabella	I_{CM} (mA)
2 SD 11	70/20	Al 33	300
2 SD 30	150/100	Al 33	200
2 SD 31	50/100	Al 23	125
2 SD 32	100/100	Al 23	125
2 SD 33	60/1	Al 33	50
2 SD 34	60/1	Al 33	150
2 SD 35	90/1	Al 23	60
2 SD 36	125/60	Al 23	60
2 SD 37	60/1	Al 34	50
2 SD 38	60/1	Al 34	150
2 SD 43 A	70/50	Al 25	150
2 SD 44	85/1	Al 23	50
2 SD 61, 2	50/1	Al 24	100
2 SD 63	50/10	Al 23	100
2 SD 64	100/10	Al 23	100
2 SD 65	50/10	Al 23	100
2 SD 66	25/10	Al 23	100
2 SD 72	120/200	Al 43	600
2 SD 75	40/1	Al 33	100
2 SD 75 A	40/1	Al 35	100
2 SD 77	85/50	Al 33	100
2 SD 77 A	85/500	Al 35	100
2 SD 101	75/150	Al 36	600
2 SD 104	90/100	Al 33	400
2 SD 105	60/100	Al 33	400
2 SD 162	60/3	Al 23	30
2 SD 167	120/150	Al 33	500
2 SD 178	90/300	Al 33	300
2 SD 178 A	90/300	Al 34	300
2 SD 186	150/10	Al 33	150
2 SD 187	150/30	Al 33	150
2 SD 195	70/50	Al 33	50

Tipi n-p-n al silicio, BF

Tipo	Quad. di corrente/ a I_c (mA)	Tecno- logia e tabella	I_{CM} (mA)
2 SD 15	> 10/1500	D 85	6000
2 SD 16	> 10/1500	D 86	6000
2 SD 17, 8	> 10/1500	D 87	6000
2 SD 24	60/50	Me 59	100
2 SD 45, 6	> 12/1000	Me 87	5000
2 SD 47	> 12/1000	Me 86	5000
2 SD 48	> 20/750	D 76	3000
2 SD 53	> 12/5000	D 96	10 A
2 SD 54	> 12/5000	D 86	10 A
2 SD 67	60/1000	Me 77	5000
2 SD 68	60/1000	Me 75	5000
2 SD 70	> 40/1000	PE 74	3000
2 SD 71	> 40/500	PE 76	3000
2 SD 73	> 25/1000	Me 86	7500
2 SD 74	> 25/1000	Me 87	7500
2 SD 120	> 15/200	D 45	1500
2 SD 121	> 15/200	D 46	1500
2 SD 124	> 10/1500	Me 75	6000
2 SD 125	> 10/1500	Me 76	6000
2 SD 141	> 30/1000	PE 73	3000
2 SD 142	> 30/1000	PE 74	3000
2 SD 143	> 30/500	PE 75	2000
2 SD 144	> 30/500	PE 76	2000
2 SD 146	> 30/500	D 74	1000
2 SD 147	> 20/500	D 75	1000
2 SD 174	> 10/5000	D 85	5000
2 SD 175	> 10/5000	D 86	5000
2 SD 176	> 10/500	D 86	10 A
2 SD 177	> 10/500	D 87	10 A
2 SD 182	> 15/750	D 64	1000
2 SD 183	> 15/750	D 66	1000
2 SD 184	> 20/750	Me 75	1500
2 SD 185	> 20/750	Me 76	1500
2 SD 196, A	> 10/5000	D 86	10 A

2 SD 197, A	> 10/5000	D 87	10 A
2 SD 198	> 30/300	Me 79	1000
2 SD 199	> 30/200	Me 79	250
2 SD 200	> 3/2000	BU105	2500
2 SD 201	> 20/3000	—	75 6000
2 SD 202	> 20/3000	—	76 6000
2 SD 203	> 20/3000	—	77 6000
2 SD 211	> 15/5000	—	84 10 A
2 SD 212	> 15/5000	—	85 10 A
2 SD 213	> 15/5000	—	86 10 A
2 SD 214	> 15/5000	—	87 10 A
2 SD 217	> 25/4000	Me 86	7000
2 SD 218	> 30/4000	Me 87	7000
2 SD 226	> 20/1000	D 74	2000
2 SD 226 A	> 20/1000	D 75	2000
2 SD 226 B	> 20/1000	D 76	2000
2 SD 227, 8	120/300	PE 32	300
2 SD 234 O	> 70/500	D 75	3000
2 SD 234 R	> 40/500	D 75	3000
2 SD 234 Y	> 120/500	D 75	3000
2 SD 235 O	> 70/500	D 74	3000
2 SD 235 R	> 40/400	D 74	3000
2 SD 235 Y	> 120/500	D 74	3000
2 SD 246	> 2/4000	Me 79	4500

TRANSISTORI AD EFFETTO DI CAMPO

Tecno- logia	Tipo (connessioni)	Pendenza (mA/V) a V_{GS} (V)	C (pF)	V_P (V)	I_{DSS} (mA)	F_b (dB) a f (Hz)	I_{GSS} (nA)	V_{max} (V)	P (mW) a T (°C)	Fabbri- cante	Osservazioni	
JN	BC 264	3,5 (> 2,5)	4r	—	2...12	21000	< 10	30gs	—	TI	Custodia plastica.	
JN	BF 244 BF 245	(B) (E)	3...6,5/0	0,85r 4e	0,5...8	2...25	—	< 5	30dg 30ds	200/25a	TI	Amplificatore V.H.F. - $r_e = 10 \text{ k}\Omega$ a 200 MHz, $C_s = 1,6 \text{ pF}$.
JN	BF 246 BF 247	(B) (E)	25/0	2,5r < 12e	< 10	10...300	—	< 5	25dg 25ds	250/25a	TI	Amplificatore V.H.F.
JN	BFW 10	(P)	3,5...6,5/0	0,6r 4e	< 8	8...20	2,5/ 100 M	< 0,5	30ds 30dg	300/25a	RTC	} Pendenza > 3,2 mA/V a 200 MHz. Rumore < 75 nV/ $\sqrt{\text{Hz}}$ a 10 Hz. e < 7,5 nV/ $\sqrt{\text{Hz}}$ a 10 kHz.
JN	BFW 11	(P)	3...6,5/0	0,6r 4e	< 6	4...10	2,5/ 100 M	< 0,5	30ds 30dg	300/25a	RTC	
MPE	BFW 27	(X)	> 0,7/—15	< 6r	—4,5	< 5 nA	—	(*)	30ds	200/45a	Tele	(*) $r_e > 100 \text{ G}\Omega$. - $\rho_{sat} < 700 \Omega$. $C_e < 6 \text{ pF}$. - Uso gener. < 10 MHz. (*) a $I_D = 5 \text{ mA}$. - (□) $r_e > 100 \text{ G}\Omega$.
JN	BFW 61	(P)	2...6,5/0	< 2r	< 8	2...20	—	< 1	25ds	300/25a	RTC	
MND	BFW 96	(P)	2,5 (*)	< 0,8r	1,5 (< 4,5)	2 (< 30)	—	(□)	± 30ds	200/25a	RTC	
MN	BFX 63	(K)	2,5 (> 1,3)/+2	0,75r < 5e	0...+4,5	2 (< 30)	—	$r_e > 100 \text{ G}\Omega$	30ds 30gs	250/25a	RTC	$I_{DM} = 50 \text{ mA}$, $\rho = 65 \cdot (> 30) \text{ k}\Omega$ a 1 kHz, $C_s < 4 \text{ pF}$.
MND	BFX 78	(L)	9 (> 6)/0	0,6r 2,7e	< —10	9...26	2,7/ 100 M	—	15ds ± 25gs	375/25a	Fair	Amplificatore V.H.F. - $r_e = 18 \text{ k}\Omega$, $\rho = 2,4 \text{ k}\Omega$ a 100 MHz. $C_s = 4,9 \text{ pF}$.
JP	BFX 82	(M)	2...6/0	3r 13e	1...5	3...12	1,5/100	0,45 (< 1)	25ds 25gs	300/25a	Fair	$\rho_{sat} = 300 (< 700) \Omega$. Tensione di ru- more 0,04 $\mu\text{V}/\sqrt{\text{Hz}}$ a 100 Hz.

Tecnologia	Tipo (connessioni)	Pendenza (mA/V) a V_{GS} (V)	C (pF)	V_P (V)	I_{DSS} (mA)	F_b (dB) a f (Hz)	I_{GSS} (nA)	V_{max} (V)	P (mW) a T (°C)	Fabbricante	Osservazioni
JP	BFX 83 (M)	4...8/0	3r 13e	2,5...9	10...30	1,5/100	0,45 (< 1)	25ds 25gs	300/25a	Fair	$\rho_{sat}=180$ (< 350) Ω . $\rho=30$ (> 10) k Ω .
MN	BSX 82 (K)	2,5/+4	0,75r $< 5e$	—	2 (< 30)	—	$r_e > 100$ G Ω	$\pm 30ds$ 30gs	250/25a	RTC	Chopper. - $\rho_{sat} = 200$ Ω a $I_D = 10$ μA , $V_{GS} = 5$ V.
MPE	BSX 83 (L)	0,6 ($> 0,4$)/-15	0,3r 2,5e	—	10 pA (< 500)	—	$< 0,0025$	30ds $\pm 25gs$	350/25a	Fair	Chop. - $\rho_{sat} < 1,5$ k Ω , $tr=90$ (< 150) ns a $I_D = 1$ mA. $I_{DM} = 20$ mA.
MPE	BSX 84 (L)	0,8 ($> 0,7$)/-15	0,3r 2,5e	—	10 pA (< 500)	—	$< 0,0025$	30ds $\pm 25gs$	350/25a	Fair	Chop. - $\rho_{sat} < 1$ k Ω , $tr=90$ (< 150) ns a $I_D = 1$ mA. $I_{DM} = 20$ mA.
MPE 2 X	BSX 85 (N)	2,3 ($> 1,5$)/-15	0,8r 5,5e	—	0,05 nA (< 1)	—	0,1 pA (< 3)	30ds $\pm 25gs$	600/25a	Fair	Chopper. - $\rho_{sat} < 500$ Ω , $tr < 30$ ns a $I_D = 10$ mA. $I_{DM} = 200$ mA.
MPE 2 X	BSX 86 (N)	3,1 ($> 2,5$)/-15	0,8r 5,5e	—	0,05 nA (< 1)	—	0,1 pA (< 3)	30ds $\pm 25gs$	600/25a	Fair	Chopper. - $\rho_{sat} < 250$ Ω , $tr < 30$ ns a $I_D = 10$ mA. $I_{DM} = 200$ mA.
JN	C 413 N (O)	40 (*)	$< 30r$	0,3...3	> 10	(□)	< 3	15ds	400/25a	Crys	(*) a $I_D=10$ mA. - (□) 1,2 $\mu V > 10$ Hz.
JN	C 680, 1 (O)	$> 0,2/0$	1,5r	$< 2,5$	$> 0,08$	2*	< 10	30ds	200/25a	Crys	* A 1 kHz, pilota c. 1 M Ω . - □ A 25°C amb. - CA 680, 2, 4: Cust. TO 5: CA 681, 3, 5: TO 18.
JN	C 682, 3 (O)	$> 0,4/0$	1,5r	< 5	$< 1,6$	2*	< 10	30ds	200/25a	Crys	
JN	C 684, 5 (O)	$> 0,6/0$	1,5r	< 10	< 6	2*	< 10	30ds	200/25a	Crys	
JN	C 6690, 1* (O)	—	$< 5r$	7	—	—	< 1	45ds	—	Crys	
JN	C 6692 (O)	—	$< 5r$	4	—	—	< 1	25ds	—	Crys	$\rho_{sat} < 1500$ Ω .
JN	CM 600 (O)	$> 10/0$	10r	5	50	—	< 3	10ds	300/25a	Crys	ρ_{sat} : 60 (< 75) Ω 35 (< 50) Ω . 35 (< 50) Ω . 30 (< 35) Ω . VGS = VDG = VDS.
JN	CM 601 (O)	$> 10/0$	10r	7,5	70	—	< 3	15ds	300/25a	Crys	
JN	CM 602 (O)	$> 10/0$	10r	7,5	70	—	< 3	30ds	300/25a	Crys	
JN	CM 603 (O)	$> 20/0$	10r	7,5	100	—	< 3	15ds	300/25a	Crys	
JN	CM 640, 1* (O)	5 0	$< 5r$	0,3...1,5	$> 0,5$	—	$< 0,4$	20ds	300/25a	Crys	* $V_P=1...2$ V, $I_{DSS} > 3$ mA, $s=10/0$.
JN	CM 642, 3* (O)	20 0	$< 5r$	1...3	> 10	—	$< 0,4$	20ds	300/25a	Crys	* $V_P=2...5$ V, $I_{DSS} > 15$ mA, $s=30/0$.
JN	CM 644, 5* (O)	20 0	$< 5r$	1...5	> 10	—	$< 0,4$	30ds	300/25a	Crys	$\rho_{sat} = 50$ e * 40 Ω . - * $I_{DSS} > 15$ mA.
JN	CM 646 (O)	30 0	$< 5r$	2...7	> 30	—	$< 0,4$	30ds	300/25a	Crys	$\rho_{sat} < 30$ Ω .
JN	CM 647 (O)	30 0	$< 5r$	5...10	> 50	—	$< 0,4$	30ds	300/25a	Crys	$\rho_{sat} < 25$ Ω .

Tecnologia	Tipo (connessioni)		Pendenza (mA/V) a V _{GS} (V)	C (pF)	V _p (V)	I _{DSS} (mA)	F _b (dB) a f (Hz)	I _{GSS} (nA)	V _{max} (V)	P (mW) a T (°C)	Fabbri- cante	Osservazioni		
JN JN JN JN	CP 600 CP 601 CP 602 CP 603	(O) (O) (O) (O)	> 10/0 > 10/0 > 20/0 > 20/0	10r 10r 10r 10r	5 5 9 9	120 120 200 200	— — — —	< 50 < 50 < 50 < 50	20ds 30ds 20ds 30ds	3600* 5400* 6000* 9000*	Crys Crys Crys Crys	{ * A 25° C alla custodia e dimi- nuendo di 52 mW per °C. psat = 40. . .60 Ω.		
JN JN JN JN	CP 650 CP 651 CP 652 CP 653	(O) (O) (O) (O)	> 100/0 > 75/0 100/0 60/0	20r 20r 20r 20r	5 5 5 5	< 1200 300 > 100 > 60	— — — —	< 10 < 10 < 3 < 3	25ds 20ds 20ds 20ds	8000* 8000* 8000* 8000*	Crys Crys Crys Crys		{ * A 25° C alla custodia, dimi- nuendo di 50 mW per °C. psat = 4. . .12 Ω.	
JN JN JN JN	E 100 E 101 E 102 E 103	(C) (C) (C) (C)	> 0,5/0 > 0,5/0 > 1/0 > 1,5/0	< 3r < 3r < 3r < 3r	< 10* < 1,5* < 4* < 10	< 20□ < 1□ < 4,5□ < 20	— — — —	< 0,5 < 0,5 < 0,5 < 0,5	30ds 30ds 30ds 30ds	250/25a 250/25a 250/25a 250/25a	Silx Silx Silx Silx			* 0,3 V min. - □ 0,2 mA min. * 0,3 V min. - □ 0,2 mA min. * 0,8 V min. - □ 0,9 mA min. psat < 650 Ω.
JN Foto	FF 400	(P)	> 1,5/0	< 5r < 8e	2...7	1...6	—	0,05 (< 1)	15ds 10gs	105/25a	Crys			I _G = 50 mA max. Sensibilità 30 μA/ candela-piede.
JP	FP 4339	(Q)	0,8...2,4/0	< 3r < 7e	0,6...1,8	0,5...1,5	—	< 3	40gs 40gd	300/25a	Silx	Complementare a 2 N 4339. Accoppiamento ± 5 % per I _{DSS} .		
JP	FT 4340	(Q)	1,3...3/0	< 3r < 7e	1...3	1,2...3,6	—	< 3	40gs 40gd	300/25a	Silx	Complementare a 2 N 4340. Accoppiamento ± 5 % per I _{DSS} .		
MND	K 1001	(Q)	2,4 (> 1)/0	0,5r 3e	4 (< 6)	5...12	4/200 M	r _e > 1 TΩ	15ds ± 50gs	150/25a	Kmc	Guadagno 12 (> 10) dB a 200 MHz. I _{DM} = 40 mA. C _{ds} < 2,2 pF.		
MND	K 1002	(Q)	1,5 (> 1)/0	0,5r 3e	4 (< 6)	0,5...5	5/200 M	r _e > 1 TΩ	15ds ± 50gs	150/25a	Kmc	Guadagno 10 (> 8) dB a 200 MHz. I _{DM} = 40 mA. C _{ds} < 2,2 pF.		
MND	K 1003	(Q)	4,5 (> 4)/0	0,5r 1,5e	5 (< 6)	12...20	3,5/ 200 M	r _e > 1 TΩ	10ds ± 50gs	150/25a	Kmc	Guadagno 12 (> 10) dB a 200 MHz. I _{DM} = 40 mA. ρ = 3 kΩ a 1 kHz.		
MND	K 1004	(Q)	1,6 (> 0,8)/0	0,5r 2e	4 (< 12)	0,5...7	7/200 M	r _e > 1 TΩ	15ds ± 50gs	150/25a	Kmc	Guadagno 8 (> 6) dB a 200 MHz. I _{DM} = 40 mA. C _{ds} < 2,2 pF.		
MND	K 1201	(Q)	2 (> 1)/0	< 3e 0,25r	3 (< 5)	1...5	3/450 M	r _e ≥ 100 GΩ	15ds ± 50gs	75/25a	Kmc	Guadagno 12 (> 10) dB a 450 MHz. I _{DM} = 15 mA. C _{ds} < 1 pF.		

Tecnologia	Tipo (connessioni)	Pendenza (mA/V) a V_{GS} (V)	C (pF)	V_p (V)	I_{DSS} (mA)	F_h (dB) a f (Hz)	I_{GSS} (nA)	V_{max} (V)	P (mW) a T (°C)	Fabbri- cante	Osservazioni
MND	K 1202 (Q)	2 (> 1)/0	0,25r < 3e	3 (< 5)	1...10	5,2 450 M	$r_e > 100 \text{ G}\Omega$	15ds $\pm 50\text{gs}$	75/25a	Kmc	Guad. > 8 dB a 450 MHz. $I_{DM} = 15 \text{ mA}$. - Cds < 1 pF. $\rho = 7 \text{ k}\Omega$ a 1 kHz.
MPE	K 1501 (Q)	2 (> 1) /-10	0,4r 3e	—	< 10 nA	4 200 M	$r_e > 1 \text{ T}\Omega$	15ds 50gs	150/25a	Kmc	Guadagno 10 (> 9) dB a 200 MHz. $I_{DM} = 35 \text{ mA}$. Cds < 2 pF.
MPE	K 1502 (Q)	2 (> 1) /-10	0,4r 3e	—	< 10 nA	5 200 M	$r_e > 1 \text{ T}\Omega$	15ds 50gs	150/25a	Kmc	Guadagno 9 (> 8) dB a 200 MHz. $I_{DM} = 35 \text{ mA}$. Cds < 2 pF.
MPE	K 1504 (Q)	2 (> 0,8) /-10	0,4r 2e	—	< 10 nA	6/200 M	$r_e > 1 \text{ T}\Omega$	15ds 50gs	150/25a	Kmc	Guadagno 8 (> 6) dB a 200 MHz. $I_{DM} = 35 \text{ mA}$. Cds < 2 pF.
MND	M 100 (M)	1...2,2/0	6,8e	< 5	1,5...4,5	—	$r_e > 10 \text{ T}\Omega$	20ds $\pm 60\text{gs}$	300/25a	Silx	$I_{DM} = 20 \text{ mA}$. $I_D < 1 \text{ nA}$ a $V_{GS} = -10 \text{ V}$ $\rho_{sat} = 150 \Omega$.
MND	M 101 (M)	1,5...3,3/0	6,8e	< 8	4...12	—	$r_e > 10 \text{ T}\Omega$	20ds $\pm 60\text{gs}$	300/25a	Silx	$I_{DM} = 20 \text{ mA}$. $I_D < 1 \text{ nA}$ a $V_{GS} = -10 \text{ V}$ $\rho_{sat} = 100 \Omega$.
MPE	M 103 (L)	5-9	< 4r	< -5,5	< 0,2 nA	—	< 0,1*	30ds	225/25a	Silx	$\rho_{sat} < 100 \Omega$. - * Diodo Zener di gate.
MPE	M 105 (L)	—	< 0,5r	-3...6	< 0,1 nA	—	< 0,1*	30ds	225/25a	Silx	$\rho_{sat} < 1,2 \text{ k}\Omega$. - * Diodo Zener di gate.
MPE 2	M 106 (N)	—	0,7r < 4e	-3... -6	100 pA (< 200)	—	0,01 (< 0,1)	30ds 30gs	500/25a au total	Silx	$I_{DM} = 50 \text{ mA}$. $\rho_{sat} = 150$ (< 200) Ω a $V_{GS} = -20 \text{ V}$, $I_D = 100 \mu\text{A}$.
MPE	M 511 (L)	> 1/-10	0,7r 1,5e	-3... -6	0,1 nA (< 10)	—	0,01 (< 1)	30ds 30gs	225/25a 650/25c	Silx GI	$I_{DM} = 50 \text{ mA}$. $\rho_{sat} = 150 \Omega$ a $V_{GS} = -15 \text{ V}$, $I_D = 1 \text{ mA}$.
MPE	MEM 517 (L)	12/-10	10r 10gs	—	0,8 nA (< 50)	—	0,1 (< 1)	30ds 25gs	600/25a 2 W/25c	GI	$I_{DM} = 250 \text{ mA}$. $\rho_{sat} = 25 \Omega$. Cds = 0,15 pF. - * Cds = 10 pF.
MPE	MEM 520 (L)	> 1/-10	2,5r 3gs	-3... -6	0,5 nA (< 10)	—	0,03 pA (< 3)	30ds 40gs	225/25a 650/25c	GI	$I_{DM} = 50 \text{ mA}$. $\rho_{sat} = 150 \Omega$. Cds = 0,15 pF.
MPE 2	MEM 550 (R)	> 0,5/-10	1,1r 1,1gs	-3... -6	0,1 nA (< 10)	—	0,1 pA (< 1)	30ds 25gs	325/25c 2	GI	$I_{DM} = 25 \text{ mA}$. $\rho_{sat} = 500 \Omega$. Cds = 0,15 pF.
MPE 2	MEM 551 (R)	> 0,5-10	1,1r 1,1gs	-3... -6	0,5 nA (< 10)	—	0,03 pA (< 4)	30ds 40gs	2 112.25a	GI	$I_{DM} = 25 \text{ mA}$. $\rho_{sat} = 150 \Omega$. $\Delta V_{GS} = 70$ (< 200) mV.

Tecnologia	Tipo (connessioni)	Pendenza (mA/V) a V_{GS} (V)	C (pF)	V_P (V)	I_{DSS} (mA)	F_b (dB) a f (Hz)	I_{GSS} (nA)	V_{max} (V)	P (mW) a T (°C)	Fabbri- cante	Osservazioni
MND 2 G	MEM 554 (S)	12 (> 4) /+4 (G1)	0,02r 5gs*	-1,5□ (< -4)	3...30 V _{G2} +4	3,5/ 200 M	< 0,1□	20ds 20gs□	150/25a	GI	* Per gate 1. - □ Per i due gate. - Guadagno 18 dB a 200 MHz.
JN JN JN	MFE 2093 (K) MFE 2094 (K) MFE 2095 (K)	0,4/0 0,5/0 0,6/0	1,2r 1,2r 1,2r	-1,5 -3 -4,5	0,35 0,7 1,5	— — —	< 0,1 < 0,1 < 0,1	50ds 50ds 50ds	300/25a 300/25a 300/25a	Moto Moto Moto	$V_{GS} = -50$ V max. - $C_{gs} = 4$ pF. - $p_{sat} = 1,3 \dots 2,5$ kΩ.
JN JN	MFE 2097 (O) MFE 2098 (O)	> 10/0 > 14/0	3r 3r	< -7 < -10	15...50 < 100	— —	< 1 < 1	50ds 50ds	1500/25a 1500/25a	Moto Moto	$V_{GS} = -50$ V max. - $C_{gs} = 14$ pF.
JN	MFE 2133 (O)	> 12/0	3r	< -10	> 25	—	—	30ds	1500/25a	Moto	$p_{sat} = 40$ (< 60) Ω.
MND	MFE 3001 (Q)	0,6...3,5/0	1,5r 5e	< -9	0,5...6	—	< 0,01	20ds ± 20gs	200/25a	Moto	$I_{DM} = 20$ mA. $\rho = 0,3 \dots 1,5$ kΩ a $V_{GS} = 0$, $V_{DS} = 10$ V.
JN JN JN	MPF 103 (A) MPF 104 (A) MPF 105 (A)	1...5/0 4/0 2...6/0	1,5r 1,5r 1,5r	< -6 < -7 < -8	1...5 2...9 4...16	— — —	< 1 < 1 < 1	25ds 25ds 25ds	200/25a 200/25a 200/25a	Moto Moto Moto	$V_{GS} = -25$ V max. - $C_{gs} = 4,5$ pF. $\rho = 100$ kΩ a $V_{GS} = 0$.
JP Foto	P 102 (M)	1,6 (> 1)/0	12e	1...4	0,9...4,5	0,5/1000	< 10	30gd 30gs	300/25a	Silx	Sensibilità 1,2 μA/mW/cm ² . Risposta spettrale 0,4...1,1 μm.
JP JP	P 1069 (M) P 1086, 7* (C)	3...8/0 3...8/0	< 5r < 45e	< 4 < 10	1...5 > 10	— —	< 3 < 2	20dg 30dg	300/25a 300/25a	Amel Amel	Amplif. B.F. - Custodia plastica. $p_{sat} < 75$ e * < 150 Ω. - * $I_{DSS} < 5$ mA, $V_P < 5$ V.
JN 2 ×	SU 2080, 2081*	> 1,5/0	< 18e	< 4	< 10	—	< 0,5	50dg	300/25a	Amel	$\Delta V_{GS} < 15$ mV e < 35 (* < 60) μV/°C. $\Delta S < 10$ %.
JN 2 ×	SU 2098 (T) SU 2099* (T)	> 0,7 a 0,2 mA	< 7e 2r	< 3	1...8	2,100	< 0,4	30dg	300/25a (totale)	Amel	$\rho > 65$ kΩ a 0,2 mA, 1 MHz. $\Delta V_{GS} < 10$ e * < 25 μV/°C.
JN	TIS 14 (Q)	1...8/0	4r	< -6,5	< 15	—	< 1	30dg	300/25a	TI	$V_{GS} = 30$ V max. - $\rho = 40$ kΩ.
JN 2 ×	TIS 25 (T) TIS 26* (T) TIS 27□ (T)	1,5...6/0	2r 6r	-1...-8	0,5...8	5/100	< 0,25	50ds 50dg 50gs	300/25a totale: 600/25a	TI	$\Delta I_{DSS} = 5$, * 10 e □ 20 %. $\Delta V_{GS} = 5$, * 10 e □ 15 mV.

Tecnologia	Tipo (connessioni)	Pendenza (mA/V) a V_{GS} (V)	C (pF)	V_p (V)	I_{DSS} (mA)	F_b (dB) a f (Hz)	I_{GSS} (nA)	V_{max} (V)	P (mW) a T (°C)	Fabbri- cante	Osservazioni
JN	TIS 34 (B)	3,5... 6,5/0*	< 2r < 6e	1...8	4...20	—	< 5	30ds 30gs	200/25a	TI	$r_e > 1,3 \text{ k}\Omega$ e $\rho > 5 \text{ k}\Omega$ a 200 MHz. * > 3 a 200 MHz.
JN	TIS 41 (U)	—	< 8r	—	> 50	—	< 0,2	30ds	360/25a	TI	$\rho_{sat} = 17 (< 25) \Omega$.
JN	TIS 42 (B)	—	< 9r	—	> 10	—	< 5	25ds	250/25a	TI	$\rho_{sat} < 70 \Omega$. - $V_{GS} = 25 \text{ V max.}$
JN	TIS 58 (B)	4/0	< 3r	< 5	2...8	—	< 4	25ds	200/25a	TI	{ $V_{DS} = V_{DG} = 25 \text{ V max.}$ $C_{ds} < 6 \text{ pF.}$
JN	TIS 59 (B)	4,8/0	< 3r	1...9	6...25	—	< 4	25ds	200/25a	TI	
JN	TIS 68 (B)	1...6	< 4r	0,5...5	0,5...8	—	< 2 a —15 V	25dg 25gs	360/25a	TI	Fornito in coppie adattate. $\Delta V_{GS}=5$, * 10 e $\square$ 15 mV a 0,5 mA. - $\Delta I_{DSS} = 5$, * 10 e $\square$ 20 %.
JN	TIS 73 (D)	—	< 8r	< 10	> 50	—	< 2	30ds	360/25a	TI	ρ_{sat} : < 25 Ω . - $tr < 3 \text{ ns.}$ < 40 Ω . < 4 ns. < 60 Ω . < 10 ns.
JN	TIS 74 (D)	—	< 8r	2...6	20...100	—	< 2	30ds	360/25a	TI	
JN	TIS 75 (D)	—	< 8r	< 4	8...80	—	< 2	30ds	360/25a	TI	
JN	TIS 88 (E)	4,5... 7,5/0*	< 1r < 5e	1...6	5...15	4/400 M	< 1	30ds 30gs	360/25a 500/25c	TI	Guadagno > 18 dB a 100 e > 10 dB a 400 MHz. - * > 4 a 400 MHz.
JN 2 G	TIKS 35 (U)	10...20* 5...10 $\square$	< 1,8** < 5 $\square\square$	1...5* $\square$	10... 50* $\square$	—	< 10	30ds 30gs	500/25a 1500/25c	TI	{ * Gate 1. - $\square$ Gate 2. - ** Fra gate 1 e coll. - $\square\square$ Fra gate 2 e coll. - * $\square$ Due gate col- legati - Cap. entrata: 12 pF G1, 35 pF G2.
JN 2 G	TIKS 36 (U)	10...20* 5...10 $\square$	< 1,8** < 5 $\square\square$	3...10* $\square$	40... 200* $\square$	—	< 10	30ds 30gs	500/25a 1500/25c	TI	
MPE	TIKS 67 (D)	> 4 a $I_D =$ 20 mA	< 4r < 10e	-1,5... -5	< 10 nA	—	0,001 < 0,05	25ds $\pm$ 25gs	360/25a 500/25c	TI	$\rho > 4 \text{ k}\Omega$ a $I_D = 8 \text{ mA}$. - $I_{DM} = 125 \text{ mA}$. - $I_D = 40$120 mA a $V_{GS} = 15 \text{ V}$.
JN	TIKS 78 (D)	0,7...3/0	< 3r < 15e	2...10	2...10	—	< 2 a 40 V	300ds 75gs	300/25a 500/25c	TI	$\rho > 10 \text{ k}\Omega$ a $V_{GS} = 0$. - $\rho_{sat} < 1,5 \text{ k}\Omega$.
JN	TIKS 79 (D)	0,7...3/0	< 3r < 15e	2...12	2...10	—	< 2 a 40 V	200ds 50gs	300/25a 500/25c	TI	$\rho > 10 \text{ k}\Omega$ a $V_{GS} = 0$. - $\rho_{sat} < 2 \text{ k}\Omega$.

Tecnologia	Tipo (connessioni)	Pendenza (mA/V) a V_{GS} (V)	C (pF)	V_P (V)	I_{DSS} (mA)	F_b (dB) a f (Hz)	I_{GSS} (nA)	V_{max} (V)	P (mW) a T (°C)	Fabbri- cante	Osservazioni
JN 2 G	TIKS 80 (V)	5...10* 2...5□	< 0,8** < 3,5□□	1...5*□	5...25*□	—	< 10*□	30ds 30gs	300/25a 750/25c	TI	* Gate 1. - □ Gate 2. - ** Fra G1 e D. - □□ Fra G2 e D. - □ Due gate coll. - $I_{DM}=50$ mA - Cap. entrata: < 6 pF G1, < 17 pF G2 - Guad.: > 18 dB a 100, > 10 dB a 400 MHz.
JN 2 G	TIKS 81 (V)	5...10* 2...5□	> 0,8** < 3,5□□	3...10*□	17... 75*□	4/400 M	< 10*□	30ds 30gs	300/25a 750/25c	TI	
JP 2 G	U 89 (V)	0,8 G1 0,4 G2	2,5g1s 0,6g1d	1...6*	0,5...5*	—	< 10* < 2 G1	20gd*	300/25a	Silx	* Due gate collegati. - $I_{DM}=50$ mA. Cg2d = 1,8 pF.
JP	U 110 (M)	> 0,1/0	< 6e	1...6	> 0,1	—	< 4	20gs	300/25a	Silx	Gate collegato alla custodia.
JP	U 112 (M)	> 1/0	< 17e	1...6	< 9	—	< 10	20gs	300/25a	Silx	Gate collegato alla custodia.
JP	U 133 (M)	0,5/0	7e	1...4	0,5	0,5*	< 3	50gd	300/25a	Silx	* A 1 kHz, $V_{GS} = 0$, $R_{gen} = 10$ MΩ.
JP 2 X	U 139 (W)	> 7/0	4,8r 4,8e	2,5...7	9...35	—	< 10	30gs 30gd	300/25a	Silx	$\rho_{sat} = 90...150 \Omega$. - $I_D < 2$ nA a $V_{GS} = 10$ V.
JP	U 139 D (W)	> 5/0	4,8r 4,8e	1,5...10	4...50 $I_{DM} = 50$	—	< 10	20gs 20gd	300/25a	Silx	$\rho_{sat} = 110 (< 200) \Omega$. - $I_D < 2$ nA a $V_{GS} = 10$ V.
JP	U 146 (M)	> 0,06/0	—	< 6	> 0,025	—	< 10	20gs	300/25a	Silx	Gate collegato alla custodia.
JP	U 147 (M)	> 0,18/0	—	< 6	> 0,065	—	< 20	20gs	300/25a	Silx	Gate collegato alla custodia.
JP	U 148 (M)	> 0,5/0	—	< 6	> 0,2	—	< 60	20gs	300/25a	Silx	Gate collegato alla custodia.
JP	U 149 (M)	> 1,4/0	—	< 6	> 0,44	—	< 200	20gs	300/25a	Silx	Gate collegato alla custodia.
JP	U 168 (M)	> 0,8/0	< 65e	< 5	0,6...6	(*)	< 30	20gs	300/25a	Silx	(*) < 25 nV/ $\sqrt{\text{Hz}}$ a 1000 Hz.
JN	U 182 (M)	—	< 7r	< 10	> 40	—	< 0,25	40gs	300/25a	Silx	$\rho_{sat} < 40 \Omega$, $I_{DM} = 50$ mA.
JN	U 183 (P)	2...7/0	< 4r	< 8	2...20	—	< 2	25gs	200/25a	Silx	$\rho > 20$ kΩ a $V_{GS} = 0$.
JN	U 184 (P)	3...8,5/0	< 1r	< 8	3...30	2 100 M	< 1	25dg	200/25a	Silx	15-dB 100 MHz. - $C_e < 4$ pF.
JN	U 197 (U)	> 0,2/0	< 2r	< 1	0,1...1	—	< 0,5	30gs	300/25a	Silx	Cap. entrata: < 7 pF.
JN	U 198 (U)	> 0,6/0	< 2r	< 4	0,6...6	—	< 0,5	30gs	300/25a	Silx	$\rho_{sat} < 1500 \Omega$.
JN	U 199 (U)	> 1,5/0	< 2r	< 10	3...20	—	< 0,5	30gs	300/25a	Silx	< 650 Ω .
JN	U 200* (U)	—	< 8r	0,5...3	3...25	—	< 1	30dg	1800/25c	Silx	$\rho_{sat} < * 150, \square 75 \text{ e } \blacktriangle 50 \Omega$. - $\blacktriangle V_P < 10$ V, $I_{DSS}=30...150$ mA.
JN	U 201□, 2* (U)	—	< 8r	1,5...5	15...75	—	< 1	30dg	1800/25c	Silx	

Tecnologia	Tipo (connessioni)	Pendenza (mA/V) a V_{GS} (V)	C (pF)	V_P (V)	I_{DSS} (mA)	F_b (dB) a f (Hz)	I_{GSS} (nA)	V_{max} (V)	P (mW) a T (°C)	Fabbri- cante	Osservazioni
JN JN	U 221 (U) U 222 (U)	15...40/0 20...50/0	< 6r < 6r	3,5...8 6...10	50...110 < 250	— —	< 1 < 1	50dg 50dg	800/25a* 800/25a*	Silix Silix	{ 0,5 W uscita a 100 MHz. - Ce < 25 pF. - * 3000/25c.
JN 2 X	U 231 (T) U 232* (T) U 233□ (T) U 234** (T) U 235□□ (T)	1...3/0	< 2r < 6e	1...4,5	0,5...5	0,5/100 $R_G = 10 \text{ M}\Omega$	< 0,1	50gs 50gd	300/25a	Silix	$\Delta I_D = 5$, ** 10 e □□ 15 % a $V_{GS} = 0$. - $\Delta V_{GS} = 5$, * 10, □ 15, ** 20, □□ 25 V, e 10, * 25, □ 50, ** 75, □□ 100 $\mu\text{V}/^\circ\text{C}$ a $I_D = 0,2 \text{ mA}$.
JN JN JN	U 240, 1* (U) U 242, 3* (U) U 244 (C)	— — 80...200/0	< 35r < 70e < 15r	2...10 < 10 3,5...8	> 150 > 150 < 900	— — —	< 3 < 3 < 1	25dg 20dg 25dg	400/25a 400/25a 10 W/25a	Silix Silix Silix	$\rho_{sat} < 5$ e * < 10 Ω . - * $I_{DSS} > 100 \text{ mA}$. $\rho_{sat} < 6$ e * < 12 Ω . - * $I_{DSS} > 100 \text{ mA}$. $\rho_{sat} < 10 \Omega$, Ce < 35 pF.
JN 2 X	U 248, 9*, 50□, 51*, A (T)	0,07... 0,25/0	1,5r 3e	0,6...4,5	0,03... 0,5	< 1/100	< 0,003	40dg 40gs	500 85a	Silix	$\Delta S < 3$ e □▲ 5 % - $\Delta V_G = 5$, □ 10 e ▲ 15 mV, o < 5, * 10, □ 20 e ▲ 40 $\mu\text{V}/^\circ\text{C}$.
JN 2 X	U 252, 3* (T)	5...10 a $I_D = 5 \text{ mA}$	< 1,2r < 5e	1...5	7...40	< 20 nV/ $\sqrt{\text{Hz}}/10 \text{ kHz}$	< 0,1	25dg 25sg	500 85a	Silix	$\Delta S < 5$ % - $\Delta V_G < 10$ e * < 15 mV o < 20 e * < 40 $\mu\text{V}/^\circ\text{C}$.
JN JN JN	U 254 (U) U 255 (U) U 256 (U)	— — —	< 8r < 8r < 8r	4...10 2...6 0,8...1	> 50 20...100 8...80	— — —	< 2 < 2 < 2	30dg 30dg 30dg	1800/25c 1800/25c 1800/25c	Silix Silix Silix	$t_r < 6 \text{ ns}$ a $I_D = 20 \text{ mA}$. - Ce < 18 pF. $t_r < 6 \text{ ns}$ a $I_D = 10 \text{ mA}$. - Ce < 18 pF. $t_r < 10 \text{ ns}$ a $I_D = 5 \text{ mA}$. - Ce < 18 pF.
JN JN	U 1714 (U) U 1715 (U)	> 0,4/ —	1,3gs 4gs	< 5 < 15	0,5...5 10...50	3 3	< 0,005 < 5	25gd 200gd	300/25a 800/25a	Amel Amel	Res. entrata: 100 T Ω . $\rho_{sat} < 400 \Omega$.
JN JN JN JN JN JN	U 1837 (C) U 1897 (C) U 1898 (C) U 1899 (C) U 1994 (E) U 2047 (E)	4,5...10/0 — — — 4,5...7,5 < 4,5/0	< 2e < 16e < 16e < 16e < 4e < 1,3r	< 8 < 10 < 7 < 5 < 6 < 8	4...25 > 30 > 15 > 8 5...15 4...25	— — — — — —	< 1 < 0,2 < 0,2 < 0,2 < 0,1 < 0,25	30dg 40dg 40dg 40dg 30dg 30dg	300/25a 300/25a 300/25a 300/25a 300/25a 300/25a	Amel Amel Amel Amel Amel Amel	Amplificazione H.F. $t_r < 10 \text{ ns}$. $t_r < 20 \text{ ns}$. $t_r < 40 \text{ ns}$. Quad. 18 dB a 100 MHz. Quad. 10 dB a 400 MHz. - Ce < 4 pF.
MPE	UC 1700 (L)	2...4/-15	< 1,2r < 5e	—	< 200 pA	(*)	< 0,01	40ds 450gs	375/25a 1250/25c	Amel	(*) 150 nV/ $\sqrt{\text{Hz}}$ a 100 Hz, $I_D = 1 \text{ mA}$ $I_{DM} = 50 \text{ mA}$.

Tecnologia	Tipo (connessioni)	Pendenza (mA/V) a V_{GS} (V)	C (pF)	V_P (V)	I_{DSS} (mA)	F_b (dB) a f (Hz)	I_{GSS} (nA)	V_{max} (V)	P (mW) a T (°C)	Fabbri-cante	Osservazioni
+JP	2 N 2386 (M)	> 1/0	< 50e	< 8	< 1	0,5*	< 10	20gs	500/25a□	—	*A 1000 Hz, $R_G = 1\text{ M}\Omega$ - □ 1500/25 c.
+JP	2 N 2497 (M)	1...2*	< 32e	—	1...3	3*	< 10	20gd	500/25a	—	* A $I_D = 1\text{ mA}$, $f = 1\text{ kHz}$.
+JP	2 N 2498 (M)	1,5...3*	< 32e	—	2...6	3	< 10	20gd	500/25a	—	* A $I_D = 2\text{ mA}$.
+JP	2 N 2499 (M)	2...4*	< 32e	—	5...15	4	< 10	20gd	500/25a	—	* A $I_D = 5\text{ mA}$.
+JP	2 N 2500 (M)	1...2,2*	< 32e	—	1...6	1*	< 10	20gd	500/25a	—	* A $I_D = 1\text{ mA}$, $f = 1\text{ kHz}$.
JN	2 N 3066, 7* (U)	0,4...1,0	< 10e	< 10	0,8...4	< 3	< 1	50dg	300/25a	—	{ * S = 0,3...1 mA/V, $V_P < 5\text{ V}$, $I_{DSS} = 0,2... \text{ mA}$. * S > 0,5 mA/V, $V_P < 2,5\text{ V}$, $I_{DSS} > 0,1\text{ mA}$.
JN	2 N 3068 (U)	0,2...1,0	< 10e	< 2,5	> 0,05	< 3	< 1	50dg	300/25a	—	
JN	2 N 3069 (U)	1...2,5,0	< 15e	< 10	2...10	< 4	< 1	50dg	350/25a	—	
JN	2 N 3070, 1* (U)	> 0,75,0	< 15e	< 5	> 0,5	< 4	< 1	50dg	350/25a	—	
JN	2 N 3084* (O)	0,4...1,2/0	1r	5 (< 10)	0,8...3	2/1000	0,03 (< 0,1)	30ds	400/25a	Crys	Custodie * TO 5 e □ TO 18. - $\rho = 100$ (> 20) $\text{k}\Omega$ a $V_{GS} = 0$.
JN	2 N 3085□ (O)		2gs					15gs			
JN	2 N 3086* (O)	0,4...1,2/0	1r	5 (< 10)	0,8...3	2/1000	0,05 (< 1)	40ds	400/25a	Crys	Custodie * TO 5 e □ TO 18. - $\rho = 100$ (> 20) $\text{k}\Omega$ a $V_{GS} = 0$.
JN	2 N 3087□ (O)		2gs					15gs			
JN	2 N 3088* (O)	0,3...0,9/0	1r	3 (< 5)	0,5...2	0,5** (< 3)	0,05 (< 1)	15ds	400/25a	Crys	Custodie * TO 5 e □ TO 18. - ** A 10 Hz. ...15 kHz, $R_G = 1\text{ M}\Omega$.
JN	2 N 3089□ (O)		2gs								
JN	2 N 3088 A* (O)	0,3...0,9/0	1r	3 (< 5)	0,5...2	0,1** (< 0,5)	0,05 (< 0,1)	15ds	400/25a	Crys	Custodie * TO 5 (0) e □ TO 18 (0). - ** 10 Hz. ...15 kHz, $R_G = 1\text{ M}\Omega$.
JN	2 N 3089 A□ (O)		2gs					10gs			
JP	2 N 3112 (Q)	0,05...	< 3,5r	1...4	0,035...	—	< 0,05	20gs	300/25a	—	* Per il 2 N 3113.
JP	2 N 3113 (G)	0,115/0	< 2r*		0,115		a 5 V	20gd	50/25a*		
+JP	2 N 3328 (P)	> 0,1	< 4e	< 6	< 1	< 3*	< 1	20gs	20/165a	—	{ * A 1 kHz, $R_G = 10\text{ M}\Omega$, $V_{GS} = 0$. □ A 1 kHz, $I_D = 1\text{ mA}$, $R_G = 1\text{ M}\Omega$. ** $F_b < 5\text{ dB}$ a 10 Hz, $R_G = 10\text{ M}\Omega$.
JP	2 N 3329 (P)	1...2/0	< 20e	< 5	1...3	< 3□	< 10	20gs	300/25a	—	
JP	2 N 3330 (P)	> 1,5/0	< 20e	< 6	2...6	< 3□	< 10	20gs	300/25a	—	
JP	2 N 3331 (P)	2...4/0	< 20e	< 8	5...15	< 4□	< 10	20gs	300/25a	—	
JP	2 N 3332** (P)	> 1/0	< 20e	< 6	1...6	< 1□	< 10	20gs	300/25a	—	
JP	2 N 3333 (F)										
JP	2 N 3334* (F)	0,6...1,8,0	< 16r	0,3...1,6	0,3...1	—	< 10	20ds	20/25a (unità)	TI	$\Delta V_P = \Delta S = \Delta I_{DSS} = 5$. * 5, □ 10 e ** 20 %. $\Delta V_{GS} = 15$, * 20, □ 40, ** 50 mV a $I_D = 0,3\text{ mA}$.
2 ×	2 N 3335□ (F)		< 30e					20gs	40/25a (totale)		
	2 N 3336** (F)										

Tecnologia	Tipo (connessioni)	Pendenza (mA/V) a V_{GS} (V)	C (pF)	V_P (V)	I_{DSS} (mA)	F_b (dB) a f (Hz)	I_{GSS} (nA)	V_{max} (V)	P (mW) a T (°C)	Fabbri-cante	Osservazioni
JN	2 N 3365, 6* (U)	0,4...2,0	< 15e	< 12	0,8...4	—	< 5	40dg	300/25a	—	$\left\{ \begin{array}{l} * S = 0,25...1 \text{ mA/V, } V_P > 2,5 \text{ V, } I_{DSS} = 0,2...1 \text{ mA.} \\ * S = 0,6...2,5 \text{ mA/V, } V_P < 7 \text{ V, } I_{DSS} = 0,5...2,5 \text{ mA.} \end{array} \right.$
JN	2 N 3367 (U)	0,1...1,0	< 15e	< 2,5	> 0,05	—	< 5	40dg	300/25a	—	
JN	2 N 3368, 9* (U)	1...4	< 20e	< 12	2...12	—	< 5	40dg	300/25a	—	
JN	2 N 3370 (U)	> 0,3,0	< 20e	< 3,5	> 0,1	—	< 5	40dg	300/25a	—	
JP	2 N 3376, 7*	1,5/0	< 3r	1...5	0,6...6	—	< 3	30gs	300/25a	—	$\left. \begin{array}{l} p_{sat}: < 1500 \Omega. \\ < 750 \Omega. \\ < 600 \Omega. \\ < 300 \Omega. \\ < 180 \Omega. \\ < 150 \Omega. \end{array} \right\} \begin{array}{l} \text{Custodie TO 72 (P)} \\ \text{e * FP (G).} \\ * P = 150 \text{ mW max.} \\ * Cr \text{ a diminuire di } 1 \text{ pF.} \\ \text{Corr. di interdiz.: } 0,4...2,5 \text{ nA.} \end{array}$
JP	2 N 3378, 9*	2/0	< 3r	4...5	3...6	—	< 3	30gs	300/25a	—	
JP	2 N 3380, 1*	2,4/0	< 3r	< 9,5	3...20	—	< 3	30gs	300/25a	—	
JP	2 N 3382, 3*	7,5/0	< 6r	1...5	3...30	—	< 15	30gs	300/25a	—	
JP	2 N 3384, 5*	9,5/0	< 6r	4...5	15...30	—	< 15	30gs	300/25a	—	
JP	2 N 3386, 7*	9,5/0	< 6r	< 9,5	15...50	—	< 15	30gs	300/25a	—	
+JN	2 N 3436 (U)	> 2,5/0	< 18e	< 9,8	3...15	< 2*	< 0,5	50gs	300/25a	—	$\left\{ \begin{array}{l} * A \text{ 1 kHz, } V_{GS} = 0, R_G = 1 \text{ M}\Omega. \\ - C_s < 6 \text{ pF.} \end{array} \right.$
+JN	2 N 3437 (U)	> 1,5/0	< 18e	< 4,8	< 4	< 2*	< 0,5	50gs	300/25a	—	
+JN	2 N 3438 (U)	> 0,8/0	< 18e	< 2,5	> 0,2	< 2*	< 0,5	50gs	300/25a	—	
+JN	2 N 3452 (P)	> 0,2/0	< 6e	< 9,8	0,8...4	< 2*	< 0,1	50gs	300/25a	—	$\left\{ \begin{array}{l} * A \text{ 100 Hz, } V_{GS} = 0, R_G = 1 \text{ M}\Omega. \\ \square A \text{ 20 Hz, } V_{GS} = 0, R_G = 1 \text{ M}\Omega. \end{array} \right.$
+JN	2 N 3453 (P)	> 0,15/0	< 6e	< 4,8	0,2...1	< 2*	< 0,1	50gs	300/25a	—	
+JN	2 N 3454 (P)	> 0,1/0	< 6e	< 2,3	> 0,05	< 2*	> 0,1	50gs	300/25a	—	
+JN	2 N 3455 (P)	> 0,4/0	< 5e	< 9,8	0,8...4	< 4□	< 0,04	50gs	300/25a	—	
+JN	2 N 3456 (P)	> 0,3/0	< 5e	< 4,8	0,2...1	< 4□	< 0,04	50gs	300/25a	—	
+JN	2 N 3457 (P)	> 0,15/0	< 5e	< 2,3	> 0,05	< 4□	< 0,04	50gs	300/25a	—	
+JN	2 N 3458 (U)	> 2,5/0	< 18e	< 7,8	3...15	< 6□	< 0,25	50gs	300/25a	—	
+JN	2 N 3459 (U)	> 1,5/0	< 18e	< 3,4	0,8...4	< 4□	< 0,25	50gs	300/25a	—	
+JN	2 N 3460 (U)	> 0,8/0	< 18e	< 1,8	0,2...1	< 4□	< 0,25	50gs	300/25a	—	
JN	2 N 3465* (O)	0,4...1,2/0	1r	< 10	1...5	1	< 1	40ds	400/25a	Crys	Custodie * TO 5 e □ TO 18.
JN	2 N 3466□ (O)							40dg			
+JP	2 N 3573 (Q)	> 0,1/0	< 2r	< 2	> 0,02	< 3*	< 0,6	25gs	40/155a	—	$\left\{ \begin{array}{l} * A \text{ } 1 \pm 0,2 \text{ kHz, } V_{GS} = 0, R_G = 10 \text{ M}\Omega. \end{array} \right.$
+JP	2 N 3574 (Q)	> 0,2/0	< 2r	< 2	> 0,075	< 3*	< 0,6	25gs	40/155a	—	
+JP	2 N 3575 (Q)	> 0,3/0	< 2r	< 4	0,2...1	< 3*	< 0,6	25gs	40/155a	—	
JP	2 N 3578 (M)	1,2...3,5/0	< 65e	1,5...4	0,9...4,5	(*)	< 15	20gs	300/25a	Silx	(*) $0,1 \mu\text{V}/\sqrt{\text{Hz}}$ a 20 Hz, $V_{GS} = 0$. $r = 400 (> 65) \text{ k}\Omega$.

Tecnologia	Tipo (connessioni)	Pendenza (mA/V) a V_{GS} (V)	C (pF)	V_P (V)	I_{DSS} (mA)	F_b (dB) a f (Hz)	I_{GSS} (nA)	V_{max} (V)	P (mW) a T (°C)	Fabbri- cante	Osservazioni
MPE	2 N 3608 (L)	1 (> 0,8)*	< 3r < 8gs	-4... -6	5 nA (< 30)	—	$r_e > 10 T \Omega$	25ds $\pm 60gs$	350/25a 1000/25c	GI	$\rho = 40 (< 20) k\Omega$ a $I_D = 1 mA$. * A $I_D = 1 mA$. - $C_{ds} = 2 pF$.
MND	2 N 3631 (M)	1,4...2,8/0	< 1,6r < 7,5e	3,5 (< 6)	2...10	—	$r_e > 100 T \Omega$	20ds $\pm 60gs$	300/25a	Silx	$\rho_{sat} = 100 \Omega$. - $I_{DM} = 20 mA$. $\rho > 8 k\Omega$ a $V_{GS} = 0$.
JN	2 N 3684	2...3/0	< 1,2r	2...5	2,5...8	(*)	< 0,1	50gs	350/25a	—	$\left. \begin{array}{l} (*) < 150 nV/\sqrt{Hz}. \\ C_e < 4 pF. \\ Custodia TO 72. \end{array} \right\}$
JN	2 N 3685	> 1,5/0	< 1,2r	< 3,5	1...3,5	(*)	< 0,1	50gs	350/25a	—	
JN	2 N 3686	1...2/0	< 1,2r	< 2	< 1,2	(*)	< 0,1	50gs	350/25a	—	
JN	2 N 3687	> 0,5/0	< 1,2r	> 0,3	> 0,1	(*)	< 0,1	50gs	350/25a	—	
MNE	2 N 3796 (M)	0,9...1,8/0	< 0,8r < 7e	-3... -4	0,5...3	4*/1000	0,1 pA (< 1)	25ds $\pm 10gs$	200/25a	Moto	$I_{DM} = 20 mA$. - $\rho = 80 (> 40) k\Omega$. - * $V_{GS} = 0$, $R_G = 3 M\Omega$.
MNE	2 N 3797 (M)	1,5...3/0	< 0,8r < 8e	-5... -7	2...6	4*/1000	0,1 pA (< 1)	20ds $\pm 10gs$	200/25a	Moto	$I_{DM} = 20 mA$. - $\rho = 33 (> 15) k\Omega$. - * $V_{GS} = 0$, $R_G = 3 M\Omega$.
JN	2 N 3819 (B)	2...6,5/0	< 4r < 8e	0,5...7,5	2...20	—	< 2	25ds 25gs	200/25a	TI	$\rho > 20 k\Omega$ a $V_{GS} = 0$. - $I_D < 2 nA$ a $V_{GS} = -8 V$.
JP	2 N 3820 (B)	0,8...5/0	< 16r < 32e	0,3...8	0,3...15	—	< 20	20ds 20gs	200/25a	TI	$\rho > 5 k\Omega$ a $V_{GS} = 0$. - $I_D < 10 \mu A$ a $V_{GS} = -8 V$.
JN	2 N 3821 (P)	1,5... 4,5/0*	< 3r < 6e	0,5...2	0,5...2,5	< 5/10	< 0,1	50ds 50gs	300/25a	—	$\rho > 100 k\Omega$ a $V_{GS} = 0$. - $I_D < 0,5 nA$ a $V_{GS} = -4 V$. - * < 100 MHz.
JN	2 N 3822 (P)	3...6,5/0*	< 3r < 6e	1...4	2...10	< 5/10	< 0,1	50ds 50gs	300/25a	—	$\rho > 50 k\Omega$ a $V_{GS} = 0$. - $I_D < 0,5 nA$ a $V_{GS} = -6 V$. - * < 100 MHz.
†JN	2 N 3823 (P)	3,5...6,5/0	< 2r < 6e	1...7,5	4...20	< 2,5/ 100 M	< 0,5	30ds 30gs	300/25a	—	A 200 MHz, $V_{GS} = 0$: $S > 3,2 mA/V$. $r_e > 1,2 k\Omega$, $\rho > 5 k\Omega$.
JN	2 N 3824 (P)	—	< 3r	—	—	—	< 0,1	50ds	300/25a	—	$\rho_{sat} < 250 \Omega$. - $V_{GS} = 50 V$ max.
JP	2 N 3909 (Q)	1...5/0 > 0,9*	< 16r	0,3...8	0,3...15	—	< 10	20ds 20gs	300/25a	TI	$\rho > 10 k\Omega$ a $V_{GS} = 0$. - $I_D < 10 \mu A$ a $V_{GS} = 8 V$. - * A 10 MHz.
JN 2 ×	2 N 3921 (T) 2 N 3922*	> 1,5/0	< 2,7r < 18e	< 3	1...10	2	< 0,25	50gs	250/25a (totale)	—	$\Delta S < 5\%$, $\Delta V_{GS} < 5 mV$ o $< 10 e$ * 25 $\mu V/^\circ C$.

Tecnologia	Tipo (connessioni)	Pendenza (mA/V) a V_{GS} (V)	C (pF)	V_P (V)	I_{DSS} (mA)	F_b (dB) a f (Hz)	I_{GSS} (nA)	V_{max} (V)	P (mW) a T (°C)	Fabbricante	Osservazioni
JN 2 x	2 N 3954 (T) 2 N 3955* (T) 2 N 3956□ (T) 2 N 3957** (T) 2 N 3958□□ (T)	> 1/0	< 4e	< 4	0,5...5	0,5	< 0,1	50gs	250/25a (totale)	Amel	$\Delta V_{GS} = 5, * 10, \square 15, ** 20. \square\square 25$ mV o 10, *25, $\square 50, ** 75, \square\square 100$ $\mu V/^\circ C$ max. - $\Delta S < 3, * 5, \square 5,$ ** 10, $\square\square 15\%$. - $\Delta I_{DSS} < 5, * 5,$ $\square 5, ** 10, \square\square 15\%$.
JN	2 N 3966 (P)	4/0	1,5gs	4...6	> 2	—	< 0,1	30dg	300/25a	Amel	$\rho_{sat} < 200 \Omega$.
JN	2 N 3967 (P)	> 2,4/0	< 1,3r < 5e	2...5	2,5...10	< 1,5/100	< 0,1	30dg 30gs	300/25a	Amel	$\rho > 30 k\Omega, \rho_{sat} < 400 \Omega, I_D < 1 nA$ a $V_{GS} = -5 V$.
JN	2 N 3968 (P)	> 2/0	< 1,3r < 5e	< 3	1...5	< 1,5/100	< 0,1	30dg 30gs	300/25a	Amel UC	$\rho > 65 k\Omega$ a $I_D = 0,5 mA, \rho_{sat} < 700 \Omega$. $I_D < 1 nA$ a $V_{GS} = -3 V$.
JN	2 N 3969 (P)	> 1,3/0	< 1,3r < 5e	< 1,7	0,4...2	< 1,5/100	< 0,1	30dg 30gs	300/25a	Amel	$\rho > 200 k\Omega$ e $S = 0,95...1,45 mA/V$ a $I_D = 0,2 mA$.
+JN	2 N 3970 (U)	—	< 6r	< 10	< 150	—	< 0,25	40gs	1800/25c	—	$\rho_{sat} < 30 \Omega, tr: < 10 ns$.
+JN	2 N 3971 (U)	—	< 6r	< 5	< 75	—	< 0,25	40gs	1800/25c	—	$\rho_{sat} < 60 \Omega, tr: < 15 ns$.
+JN	2 N 3972 (U)	—	< 6r	< 3	5...30	—	< 0,25	40gs	1800/25c	—	$\rho_{sat} < 100 \Omega, tr: > 40 ns$.
JP	2 N 3993 (P)	6...12/0	< 5r < 16e	4...9,5	> 10	—	< 1,2	25ds 25gs	300/25a	TI	$\rho_{sat} < 150 \Omega, I_D < 1,2 nA$ a $V_{GS} = 10 V$.
JP	2 N 3994 (P)	4...10	< 5r < 16e	1...5,5	> 2	—	< 1,2	25ds 25gs	300/25a	TI	$\rho_{sat} < 300 \Omega, I_D < 1,2 nA$ a $V_{GS} = 10 V$.
MNE MND	2 N 4038 (Q) 2 N 4039 (Q)	> 1,5/6 > 1,5/6	< 2,5e < 2,5e	— —	< 0,1 < 1,5	4/100 M 4/100 M	— —	25ds 25ds	120/25a 120/25a	TRW TRW	Guadagno 20 dB a 100 MHz. Guadagno 20 dB a 100 MHz.
MPE 2 x	2 N 4066, 7* (N)	> 1,5/15	< 1,5r < 7e	3...6	< 1 nA	—	< 0,003	30ds $\pm 25gs$	600/25a 1700/25c	Moto	* $S > 2,5 mA/V$. - $I_{DM} = 200 mA$. - $tr < 30 ns$.
+JN 2 x	2 N 4082 (T) 2 N 4083* (T)	< 0,3/0	< 7e	< 3	0,25... 1,3	2	< 0,1	50gs	—	Amel	$\Delta S < 5\%, \Delta V_{GS} < 15 mV$ o 10 e * 25 $\mu V/^\circ C$.
JN 2 x	2 N 4084 (T) 2 N 4085 (T)	> 1,5/0	< 18e	< 3	1...10	2	< 0,25	50gs	250/25a (totale)	Amel	$\Delta S < 5\%, \Delta V_{GS} < 15 mV$ o < 10 e * 25 $\mu V/^\circ C$.

Tecnologia	Tipo (connessioni)	Pendenza (mA/V) a V_{GS} (V)	C (pF)	V_P (V)	I_{DSS} (mA)	F_b (dB) a f (Hz)	I_{GSS} (nA)	V_{max} (V)	P (mW) a T (°C)	Fabbri- cante	Osservazioni
JN	2 N 4091, 2* (U)	—	< 5r	5...10	> 30	—	< 0,2	40ds	210/25a	—	{ } * $V_P = 2...7$ V, $I_{DSS} > 15$ mA. tr < 10, * 20 e □ 40 ns.
JN	2 N 4093 □ (U)	—	< 5r	1...5	> 8	—	< 0,2	40ds	210/25a	—	
JN	2 N 4117 (P)	> 0,07/0	< 1,5r	> 0,6	> 0,03	—	< 0,01	40gs	300/25a	Silx	ρ > 330 kΩ. ρ > 200 kΩ. ρ > 100 kΩ. Tipi *A*: $I_{GSS} < 1$ pA a $V_{GS} = -20$ V.
JN	2 N 4118 (P)	> 0,08/0	< 1,5r	1...3	> 0,08	—	< 0,01	40gs	300/25a	Silx	
JN	2 N 4119 (P)	> 0,1/0	< 1,5r	2...6	< 0,6	—	< 0,01	40gs	300/25a	Silx	
+JN	2 N 4139	> 3,5/0	< 5r	2...8	8...11	< 2*	< 1	50gs	300/25a	Amel	* A 1000 Hz, $R_G = 1$ MΩ.
JN	2 N 4220 (K)	1...4/0	< 2r	< 2,5	0,5...3	(*)	< 0,1	30gs	300/25a	—	{ } (*) Tipi *A*: < 2,5 dB a 100 Hz. $R_G = 1$ MΩ. - $C_e < 6$ pF.
JN	2 N 4221 (K)	2...5/0	< 2r	1...5	2...6	(*)	< 0,1	30gs	300/25a	—	
JN	2 N 4222 (K)	> 2,5/0	< 2r	2...6	5...15	(*)	< 0,1	30gs	300/25a	—	
+JN	2 N 4223 (K)	3...7/0	< 2r	1...7	3...18	< 5*	< 0,25	30gs	300/25a	—	Quad. > 10 dB a 200 MHz - * 200 MHz - $C_e < 6$ pF, $r_e > 12$ kΩ a 200 MHz
+JN	2 N 4224 (K)	2...8/0	< 2r	1...8	2...20	—	< 0,5	30gs	300/25a	—	
MPE	2 N 4267, 8*	> 3	< 3r	3...6	—	—	< 0,003	30ds	—	Ints	* $S > 5$ mA/V. - $\rho_{sat} < 250$ e * < 125 Ω.
JN	2 N 4302 (C)	> 1/0	1,5gs	< 4	0,5...5	2	< 1	30ds	300/25a	Amel	ρ = 20 kΩ.
JN	2 N 4303 (C)	> 2/0	1,5gs	< 6	4...10	2	< 1	30ds	300/25a	Amel	
JN	2 N 4304 (C)	> 1/0	1,5gs	< 10	0,5...15	2	< 1	30ds	300/25a	Amel	
JN	2 N 4338 (U)	0,6...1,8/0	< 2r < 6e	0,3...1	0,2...0,6	< 1/1000	< 0,1	50dg 50gs	300/25a	Silx	ρ > 200 kΩ, $\rho_{sat} < 2,5$ kΩ, $I_D < 50$ pA a $V_{GS} = -5$ V.
JN	2 N 4339 (U)	0,8...2,4/0	< 2r < 6e	0,6...1,8	0,5...1,5	1/1000	< 0,1	50dg 50gs	300/25a	Silx	ρ > 65 kΩ, $I_D < 50$ pA a $V_{GS} = -5$ V. - Complementare a FP 4339.
JN	2 N 4340 (U)	1,3...3/0	< 2r < 6e	1...3	1,2...3,6	1/1000	< 0,1	50dg 50ds	300/25a	Silx	ρ > 33 kΩ, $I_D < 50$ pA a $V_{GS} = -5$ V. - Complementare a FP 4340.
JN	2 N 4341 (U)	2...4/0	< 2r < 6e	2...6	3...9	1/1000	< 0,1	50dg 50ds	300/25a	Silx	ρ > 15 kΩ, $\rho_{sat} < 800$ Ω, $I_D < 70$ pA a $V_{GS} = -10$ V.
MNE	2 N 4351 (Q)	> 1 a $I_D = 2$ mA	< 2,5r < 5,5e	+1... +5	< 10 nA	—	< 0,01	25ds ± 75gs	300/25a 800/25c	Moto	$I_{DM} = 30$ mA. - $I_D > 3$ mA a $V_{GS} =$ + 10 V. - tr < 65 ns.

Tecnologia	Tipo (connessioni)	Pendenza (mA/V) a V_{GS} (V)	C (pF)	V_P (V)	I_{DSS} (mA)	F_b (dB) a f (Hz)	I_{GSS} (nA)	V_{max} (V)	P (mW) a T (°C)	Fabbri- cante	Osservazioni
MPE	2 N 4352 (Q)	> 1 a $I_D = 2$ mA	$< 2,5r$ $< 5,5e$	$-1,5$...-6	< 5 nA	—	$< 0,01$	25ds $\pm 75gs$	300/25a 800/25c	Moto	$I_{DM} = 30$ mA. - $I_D > 2$ mA a $V_{GS} = -10$ V. - $tr < 95$ ns.
MPE	2 N 4353 (L)	1...4/-10	$< 4r$ $< 12e$	$-3...$ -5	< 5 nA	—	< 1	30ds -30gs	250/25a	GI	$I_{DM} = 100$ mA. - $I_D > 30$ mA a $V_{GS} = -20$ V. - $\rho_{sat} < 300$ Ω .
JN	2 N 4391 (U)	—	$< 3,5r$	< 10	< 150	—	$< 0,1$	40gs	1800/25c	—	$\rho_{sat} < 30$ Ω .
JN	2 N 4392 (U)	—	$< 3,5r$	< 5	25...75	—	$< 0,1$	40gs	1800/25c	—	$C_e < 14$ pF. $tr = 15$ ns.
JN	2 N 4393 (U)	—	$< 3,5r$	< 3	5...30	—	$< 0,1$	40gs	1800/25c	—	$I_D = 0,1$ nA min. < 100 Ω .
JN	2 N 4416 (P) 2 N 4417* (H)	4,5...7,5/0	$< 0,8r$ $< 4e$	< 6	5...15	$< 4/$ 400 M	$< 0,1$	30ds 30gs	300/25a 450/125c	—	A 400 MHz: Guad. > 10 dB, $re > 1$ k Ω . $\rho > 1$ k Ω , $S > 4$ mA/V. * P = 175/25a e 350/25c.
JN	2 N 4445...8 (U)	—	$< 35r$	(*)	(*)	—	< 3	(*)	400 25a	—	(*) Vedi U 240...3, rispettivam.
JN	2 N 4856 (U)	—	$< 8r$	< 10	> 50	—	$< 0,25$	40ds	360/25a	TI	$\rho_{sat} < 25$ Ω , $tr < 3$ ns.
JN	2 N 4857 (U)	—	$< 8r$	2...6	< 100	—	$< 0,25$	40ds	360/25a	TI	< 40 Ω , < 4 ns.
JN	2 N 4858 (U)	—	$< 8r$	< 4	8...80	—	$< 0,25$	40ds	360/25a	TI	< 60 Ω , < 10 ns.
JN	2 N 4859 (U)	—	$< 8r$	< 10	> 50	—	$< 0,25$	30ds	360/25a	TI	< 25 Ω , < 3 ns.
JN	2 N 4860 (U)	—	$< 8r$	2...6	< 100	—	$< 0,25$	30ds	360/25a	TI	< 40 Ω , < 4 ns.
JN	2 N 4861 (U)	—	$< 8r$	< 4	8...80	—	$< 0,25$	30ds	360/25a	TI	< 60 Ω , < 10 ns.
JN	2 N 4867 (P)	0,7...2/0	$< 5r$ $< 25e$	0,7...2	0,4...1,2	$< 1^*/$ 1000	$< 0,25$	40gs 40dg	300/25a	Silx	$\rho > 650$ k Ω . - * $R_G = 10$ M Ω , $V_{GS} = 0$, $V_{DS} = 10$ V.
JN	2 N 4868 (P)	1...3/0	$< 5r$ $< 25e$	1...3	1...3	$< 1^*/$ 1000	$< 0,25$	40gs 40dg	300/25a	Silx	$\rho > 250$ k Ω . - * $R_G = 10$ M Ω , $V_{GS} = 0$, $V_{DS} = 10$ V.
JN	2 N 4869 (P)	1,3...4/0	$< 8r$ $< 23e$	1,8...5	2,5...7,5	$< 1^*/$ 1000	$< 0,25$	40gs 40dg	300/25a	Silx	$\rho > 100$ k Ω . - * $R_G = 10$ M Ω , $V_{GS} = 0$, $V_{DS} = 10$ V.
JN	2 N 4881 (U)	$> 0,35/0$	$< 1,5r$	< 15	0,4...2	$< 3^*$	< 2	300ds	800/25a	Amel	V_{GS}=100 V max. (75 V max. per 2N4885, 6). - $S < 1$ e $\square 1,5$ mA/V, $\rho > 100$ e $\square > 50$ kΩ, $C_e < 15$ pF. - * A 1000 Hz, $R_G = 1$ MΩ, $V_{GS} = 0$, $V_{DS} = 50$ V.
JN	2 N 4882 $\square$ (U)	$> 0,6/0$	$< 1,5r$	< 15	1,5...8	$< 3^*$	< 2	300ds	800/25a	Amel	
JN	2 N 4883 (U)	$> 0,35/0$	$< 1,5r$	< 10	0,4...2	$< 3^*$	< 1	200ds	800/25a	Amel	
JN	2 N 4884 $\square$ (U)	$> 0,6/0$	$< 1,5r$	< 10	1,5...8	$< 3^*$	< 1	200ds	800/25a	Amel	
JN	2 N 4885 (U)	$> 0,35/0$	$< 1,5r$	< 10	0,4...2	$< 3^*$	< 1	125ds	800/25a	Amel	
JN	2 N 4886 $\square$ (U)	$> 0,6/0$	$< 1,5r$	< 10	1,5...8	$< 3^*$	< 1	125ds	800/25a	Amel	

Tecnologia	Tipo (connessioni)	Pendenza (mA/V) a V_{GS} (V)	C (pF)	V_P (V)	I_{DSS} (mA)	F_b (dB) a f (Hz)	I_{CSS} (nA)	V_{max} (V)	P (mW) a T (°C)	Fabbri- cante	Osservazioni
JN JN JN	2 N 4977 (P) 2 N 4978 (P) 2 N 4979 (P)	— — —	< 35e < 35e < 35e	< 10 4 8 < 5	> 50 > 15 > 7,5	— — —	< 0,5 < 0,5 < 0,5	30ds 30ds 30ds	1800/25c 1800/25c 1800/25c	Amel Amel Amel	ρ_{sat} : < 15 Ω . < 20 Ω . < 40 Ω . VP corrisponde a $I_D = 1$ nA.
JP JP JP JP	2 N 5018 (M) 2 N 5019 (M) 2 N 5020, 1* (M) 2 N 5033 (C)	— — 1...3,5/0 > 1/0	< 10r < 10r < 25e < 25e	< 10 4 5 < 1,5 < 2,5	> 10 > 5 > 0,3 > 0,3	— — 3/100 2/1000	< 2 < 2 < 1 < 10	30ds 30ds 25ds 20ds	1800/25c 1800/25c 300/25a 200/25a	Amel Amel Fair Fair	ρ_{sat} : < 75 Ω , tr: < 20 ns. < 150 Ω . < 75 ns. * S = 1,5...5 mA/V, $V_P < 2,5$ V. $I_{DSS} = 1...3,5$ mA.
JN 2 X	2 N 5045 (T) 2 N 5046** (T) 2 N 5047□□ (T)	1,5...6/0	< 4r < 8e	0,5...4,5	0,5...8	< 5/10	< 0,25	50gs 50dg	250/25a* 400/25a□	TI	* Unità. - □ Totale. - $\rho > 40$ k Ω . - $\Delta V_{GS} < 5$, ** 10 e □ □ 15 mV. - $\Delta S = \Delta I_{DSS} < 5$, ** 10 e □ □ 20%.
JN	2 N 5078 (K)	4,5...10/0	< 2r < 6e	< 8	4...25	> 4/ 400 M	< 0,25	30gs	300/25a	Amel	A 400 MHz: Guad. > 12 dB. - A 200 MHz. Guad. > 15 dB, S > 1 mA/V. $\rho > 1,2$ k Ω , $\rho > 6,5$ k Ω .
JN JN JN	2 N 5103, 4* (P) 2 N 5105 (P) 2 N 5163 (C)	> 1,5/0□ > 3,5/0□ 2...9/0	< 1r < 1r < 5r	< 4 < 4 < 8	1...8 5...15 1...40	— — < 3/1 k	< 0,1 < 0,1 < 10	25dg 25dg 25dg	300/25a 300/25a 200/25a	Ints Ints Ints*	* S > 2 mA/V, $I_{DSS} = 10...30$ mA. □ A 100 MHz. - $C_e < 5$ pF. $C_e < 20$ pF. - * Amel.
JN 2 X	2 N 5196...9 (T)	1...4/0	< 2r < 6e	0,7...4	0,7...7	0,5/100	< 0,03	50dg 50gs	500/85a (total)	Silx	Accoppiamento: vedi U 248...51, rispettivamente.
JN	2 N 5245 (E)	4,5...7,5/0	< 1r < 4,5e	1...6	5...15	2/100 M 4/400 M	< 1	30dg 30gs	360/25a 500/25c	TI	S > 4 mA/V a 400 MHz. - Guad. 18 dB a 100 MHz e 10 dB a 400 MHz.
JN JN JN	2 N 5246 (E) 2 N 5247 (E) 2 N 5248 (B)	3...6/0 > 4,5/0 > 3,5/0*	< 1r < 1r < 2r	0,5...4 1,5...8 1...8	1,5...7 8...24 4...20	— — —	< 1 < 1 < 5	30dg 30dg 30dg	360/25a 360/25a 360/25a	TI TI TI	$C_e < 4,5$ pF. $C_e < 4,5$ pF. $C_e < 6$ pF. - * > 3 a 200 MHz.
JP JP JP JP	2 N 5265, 6* (P) 2 N 5267 (P) 2 N 5268, 9□ (P) 2 N 5270 (P)	> 0,9/0 > 1,5/0 2...4/0 > 2,5/0	< 2r < 2r < 2r < 2r	< 3 < 6 < 6 < 8	0,5...1 1,5...3 2,5...5 7...14	2,5/100 2,5/100 2,5/100 2,5/100	< 2 < 2 < 2 < 2	60ds 60ds 60ds 60ds	300/25a 300/25a 300/25a 300/25a	Moto Moto Moto Moto	* S = 1...3 mA/V, $I_{DSS} = 0,8...1,6$ mA. - □ S = 2,2...4,5 mA/V, $V_P < 8$ V, $I_{DSS} = 4...8$ mA. - $C_e < 7$ pF.
JN	2 N 5277, 8* (U)	2...5/0	< 25e	< 7	> 2,5	< 3/1 k	< 5	150dg	800/25a	Amel	* S > 3 mA/V, $V_P < 10$ V, $I_{DSS} < 10$ mA.

Tecnologia	Tipo (connessioni)	Pendenza (mA/V) a V_{GS} (V)	C (pF)	V_P (V)	I_{DSS} (mA)	F_b (dB) a f (Hz)	I_{GSS} (nA)	V_{max} (V)	P (mW) a T (°C)	Fabbri- cante	Osservazioni
JN	2 N 5358, 9* (K)	1...3/0	< 2r	0,5...3	0,5...1	2,5/100	< 0,1	40dg	300/25a	Moto	* S = 1,2...3,6 mA/V, V_P = 0,8...4 V, I_{DSS} = 0,8...1,6 mA. □ S = 2...5,5 mA/V, V_P = 2...7 V, I_{DSS} = 4...8 mA. - Δ S = 2,7...6,5 mA/V, V_P = 2,5...8 V, I_{DSS} = 9...18 mA. - Ce < 6 pF.
JN	2 N 5360 (K)	> 1,4/0	< 2r	0,8...4	1,5...3	2,5/100	< 0,1	40dg	300/25a	Moto	
JN	2 N 5361, 2□ (K)	> 1,5/0	< 2r	1...6	2,5...5	2,5/100	< 0,1	40dg	300/25a	Moto	
JN	2 N 5363, 4* (K)	2,5...6/0	< 2r	2,5...8	7...14	2,5/100	< 0,1	40dg	300/25a	Moto	
JN	2 N 5391, 2* (U)	> 1,5/0	< 5r	< 2	> 0,5	< 2/10	< 0,1	70dg	300/25a	Amel	* S = 2...6 mA/V, V_P < 2,5 V, I_{DSS} = 1...3 mA. - Ce < 18 pF. * S = 4,5...7 mA/V, I_{DSS} = 5,5...8 mA. - Ce < 18 pF.
JN	2 N 5393 (U)	3...6,5/0	< 5r	< 3	> 2,5	< 2/100	< 0,1	70dg	300/25a	Amel	
JN	2 N 5394, 5* (U)	4...7/0	< 5r	< 4	4...6	< 2/10	< 0,1	70dg	300/25a	Amel	
JN	2 N 5396 (U)	> 4,5/0	< 5r	< 5	> 7,5	< 2/10	< 0,1	70dg	300/25a	Amel	
JN	2 N 5397 (P)	6...10*	< 1,2r	1...6	10...30	< 3,5□	< 0,1	25dg	300/25a	Silx	* I_D = 10 mA. - □ A 450 MHz, GP > 15 dB. Ce < 5,5 pF. - Amplificazione U.H.F. * V_P = 3...9 V, I_{DSS} > 100 mA. - ρ_{sat} < 5, * < 7, □ < 10 Ω .
JN	2 N 5398 (P)	> 5,5	< 1,3r	1...6	5...40	—	< 0,1	25dg	300/25a	Silx	
JN	2 N 5432, 3* (U)	—	< 15r	4...10	> 150	—	< 0,2	25dg	300/25a	Silx	
JN	2 N 5434□ (U)	—	< 15r	1...4	> 30	—	< 0,2	25dg	300/25a	Silx	
JN	2 N 5457, 8* (I)	1...5/0	< 3r	0,5...6	1...5	—	< 1	25dg	310/25a	Moto	* S = 1,5...5,5 mA/V, V_P = 1...7 V, I_{DSS} = 2...9 mA. - Ce < 7 pF.
JN	2 N 5459 (I)	2...6/0	< 3r	2...8	4...16	—	< 1	25dg	310/25a	Moto	
JP	2 N 5460, 1* (J)	1...4/0	< 2r	0,7...6	1...5	1/100	< 5	40dg	310/25a	Moto	* S = 1,5...5 mA/V, V_P = 1...7,5 V, I_{DSS} = 2...9 mA. - Ce < 7 pF. (*) Vedi 2 N 5460...2, rispettiv.
JP	2 N 5462 (J)	2...6/0	< 2r	1,8...9	4...16	1/100	< 5	40dg	310/25a	Moto	
JP	2 N 5463...5 (J)	(*)	< 2r	(*)	(*)	1/100	< 5	60dg	310/25a	Moto	
JP	2 N 5471, 2* (Q)	> 0,06/0	< 1r□	0,5...4	> 0,02	2/1000	< 0,5	40dg	300/25a	Moto	* S = 90...225 μ A/V, V_P = 0,7...4 V, I_{DSS} = 50...120 μ A. - □ < 5e * 1 = 0,2...0,5 mA/V, V_P = 1,5...8 V, I_{DSS} = 0,4...1 mA. - □ < 5e.
JP	2 N 5473 (Q)	> 0,12/0	< 1r□	0,9...6	> 0,1	2/1000	< 0,5	40dg	300/25a	Moto	
JP	2 N 5474, 5* (Q)	> 0,16/0	< 1r□	1,2...7	> 0,2	2/1000	< 0,5	40dg	300/25a	Moto	
JP	2 N 5476 (Q)	> 0,26/0	< 1r□	2...9	0,8...2	2/1000	< 0,5	40dg	300/25a	Moto	
JN	2 N 5484 (I)	> 2,5/0	< 1r*	0,3...3	1...5	4/200 M	< 1	25dg	310/25a	Moto	GP > 16 dB a 100 MHz. - * < 5e, < 2s. { GP > 18 dB a 100 MHz, > 10 dB a 400 MHz. - * < 5e, < 2s.
JN	2 N 5485 (I)	> 3/0	< 1r*	0,5...4	4...10	2/100 M	< 1	25dg	310/25a	Moto	
JN	2 N 5486 (I)	> 3,5/0	< 1r*	2...6	8...20	4/400 M	< 1	25dg	310/25a	Moto	

Tecnologia	Tipo (connessioni)	Pendenza (mA/V) a V_{GS} (V)	C (pF)	V_p (V)	I_{DSS} (mA)	F_b (dB) a f (Hz)	I_{GSS} (nA)	V_{max} (V)	P (mW) a T (°C)	Fabbricante	Osservazioni
JN 2 x	2 N 5515, 6*, 7□, 8*, 9** (T)	0,5...1/0	< 2r < 25e	0,7...4	0,5...7,5	< 30 nV/ $\sqrt{\text{Hz}}$ / 10 Hz	< 0,25	40dg 40gs	500/85a (totale)	Silx	$\left. \begin{array}{l} \Delta S < 3, \square \Delta < 5 \text{ e } ** < 10 \% . \\ \Delta V_G < 5, \square < 10, \Delta < 15 \text{ e } \\ ** < 15 \text{ mV o } < 5, * < 10, \\ \square < 20, \Delta < 40 \text{ e } ** < 80 \mu\text{V}/^\circ\text{C} . \end{array} \right\}$
JN 2 x	2 N 5520, 1*, 2□, 3*, 4** (T)	0,5...1/0	< 5r < 25e	0,7...4	0,5...7,5	< 15 nV/ $\sqrt{\text{Hz}}$ / 10/Hz	< 0,25	40dg 40gs	500/85a (totale)	Silx	
JN	2 N 5555 (I)	—	< 1,2r	< 10	> 15	—	< 1	25ds	310/25a	Moto	$\rho_{sat} < 150 \Omega$, $tr < 5 \text{ ns}$.
JN	2 N 5556, 7*, 8* (P)	1,5...6,5/0	< 3r < 6e	0,2...4	0,5...2,5	< 1/10	< 0,1	30ds 30dg	300/25a 100/125a	Moto	$\left\{ \begin{array}{l} V_p = * 0,8 \dots 1,5 \text{ e } \square 1,5 \dots 6 \text{ V} . \\ I_{DSS} = 2 \dots 5 \text{ e } 4 \dots 10 \text{ mA} . \end{array} \right.$
JN	2 N 5592, 3* (P)	2...7/0	< 20e	< 5	1...10	2,6/10	< 0,25	50dg	300/25a	Sol	* $F_b < 6 \text{ dB}$ a 10 Hz.
JN	2 N 5638, 9* (I)	—	< 4r	< 15	> 50	—	< 1	30dg	310/25a	Moto	$\left\{ \begin{array}{l} \rho_{sat} = 30, * 60 \text{ e } \square 100 \Omega . - Ce \\ < 10 \text{ pF} . - * I_{DSS} > 25 \text{ mA} . \end{array} \right.$
JN	2 N 5640□ (I)	—	< 4r	< 15	> 5	—	< 1	30dg	310/25a	Moto	
JN	2 N 5647 (Q)	0,3...0,6□	< 0,9r	< 1,8	0,3...0,6	1/1000	< 2 pA	50dg	300/25a	Silx	$\left\{ \begin{array}{l} \square I_D = 0,2 \text{ mA} . - * I_D = 0,4 \text{ mA} . \\ \Delta I_D = 0,6 \text{ mA} . - Ce < 3 \text{ pF} . \end{array} \right.$
JN	2 N 5648 (Q)	0,4...0,8*	< 0,9r	< 2,4	0,5...1	1/1000	< 2 pA	50dg	300/25a	Silx	
JN	2 N 5649 (Q)	> 0,45*	< 0,9r	< 3	> 0,8	1/1000	< 2 pA	50dg	300/25a	Silx	
JN	2 N 5653, 4* (I)	—	< 3,5r	< 15	> 40	—	< 1	30dg	310/25a	Moto	$\left\{ \begin{array}{l} * I_{DSS} > 15 \text{ mA} . - \rho_{sat} < 50 \text{ e } * < 100 \Omega . \\ GP > 16 \text{ dB a } 100 \text{ MHz} . - Ce = \\ 4,7 (< 7) \text{ pF}, Cs = 1,4 (< 4) \\ \text{pF} . - I_{DM} = 20 \text{ mA} . \end{array} \right.$
JN	2 N 5668 (I)	> 1,5/0	< 3r	0,2...4	1...5	2/100 M	< 2	25dg	310/25a	Moto	
JN	2 N 5669 (I)	2...6,5/0	< 3r	1...6	4...10	2/100 M	< 2	25dg	310/25a	Moto	
JN	2 N 5670 (I)	3...7,5/0	< 3r	2...8	8...20	2/100 M	< 2	25dg	310/25a	Moto	
JN	2 N 5716, 7* (I)	0,2...1/0	< 1,5r□	0,2...3	> 0,05	—	< 1	40dg	200/25a	Moto	$\left\{ \begin{array}{l} * S = 0,4 \dots 1,6 \text{ mA/V}, V_p = 0,5 \dots \\ 5 \text{ V}, I_{DSS} = 0,2 \dots 1 \text{ mA} . - \square < 5 \text{ e} . \\ * I_{DSS} < 15 \text{ mA} . \end{array} \right.$
JN	2 N 5718 (I)	0,5...2/0	< 1,5r□	1...8	0,8...4	—	< 1	40dg	200/25a	Moto	
JN	2 N 5949, 50* (D)	> 3,5/0	< 6e	< 7	> 18	—	< 1	30dg	360/25a	TI	
JP 2 G	3 N 89 (V)	> 0,45* 0,4□	0,6r* 1,8r*	3,3* 10□	0,5...2,5	—	< 5	30dg	300/25a	Silx	* Gate 1. - □ Gate 2. - $C_{e1} = 2,5 \text{ pF}$; $C_{e2} = 5,7 \text{ pF}$.
JN 2 G	3 N 124 (V)	> 0,25* > 0,2□	< 0,5r* < 1,5r□	< 5* < 8□	0,2...2	< 4/100	< 0,25	50ds 50gs	300/25a 800/25c	Moto	S = 0,5...2 mA/V due gate riuniti. * Gate 1. - □ Gate 2.

Tecnologia	Tipo (connessioni)	Pendenza (mA/V) a V_{GS} (V)	C (pF)	V_P (V)	I_{DSS} (mA)	F_b (dB) a f (Hz)	I_{GSS} (nA)	V_{max} (V)	P (mW) a T (°C)	Fabbri-cante	Osservazioni
JN 2 G	3 N 125 (V)	> 0,4* > 0,25□	< 5e* < 9e□	< 8* < 14□	1,5...4,5	< 4/100	< 0,25	50ds 50gs	300/25a 800/25c	Moto	S = 0,8...2,4 mA/V due gate riuniti. - * Gate 1. - □ Gate 2.
JN 2 G	3 N 126 (V)	> 0,6* > 0,4□	< 0,5r* < 1,5r□	< 18* < 26□	3...9	< 4/100	< 0,25	50ds 50gs	300/25a 800/25c	Moto	S = 1,2...3,6 mA/V due gate riuniti. - * Gate 1. - □ Gate 2.
MND	3 N 128 (K)	7,5 (> 5)	< 0,2r 5,5e	-3,5 ...-8	$I_{DM} =$ 50 mA	< 5/ 200 M	< 0,05	20ds ± 15gs	400/25a	RCA	Guad. 18 (> 15) dB a 200 MHz. - $\rho_{sat} = 200 \Omega$.
MND	3 N 138 (K)	6	< 0,2r 3e	-3,5 -8	$I_{DM} =$ 50 mA	—	< 0,01	35ds ± 10gs	400/25a	RCA	$\rho_{sat} = 180 \Omega$. - $\rho = 100 G\Omega$ (blocc.).
MND	3 N 139 (K)	6 (> 3)	0,18r 3e	< -6	$I_{DM} =$ 50 mA	< 6 200 M	< 1	35ds ± 10gs	400/25a	RCA	Guadagno 17 (> 14) dB a 200 MHz. - $\rho_{sat} = 200 \Omega$.
MND 2 G	3 N 140 (S) 3 N 141 (S)	10 (> 6)*	0,02r* 5,5e	-2... -4□	$I_{DM} =$ 50 mA	< 3,5/ 200 M	< 1□	20ds -8+20□	400/25a	RCA	Amplif. (> 16 dB) e Δ conv. 200 MHz. - * Gate 1 - □ Per i due gate,
MND	3 N 142 (K)	7,5 (> 4)*	< 0,2r < 10e	-2... -8	5...50	< 5*/ 100 M	< 1	20ds -8gs	100/85a 400/25a	RCA	Guadagno 17 dB con e 14 dB senza neutral., 100 MHz. - * $I_D = 5$ mA.
MND	3 N 143 (K)	7,5 (> 5)*	< 0,2r 5,5e	-3,5 ...-8	$I_{DM} =$ 50 mA	—	< 1	20ds +1-8gs	400/25a	RCA	* Conversione. - Guad. conv. > 10 dB a 200 MHz/30 MHz.
MPE	3 N 149, 50 (L)	—	< 3r	< 6	—	—	< 1	50gs	400/25a	Ints	$\rho_{sat} < 250 \Omega$. - $\tau_r < 120$ ns.
MND	3 N 152	7,5 (> 5)	< 0,2r 5,5e	—	$I_{DM} =$ 50 mA	< 3,5/ 200 M	< 1	20ds +1-8gs	400/25a	RCA	Guad. 20 (> 16) dB a 200 MHz. - $V_{GS} = \pm 15$ V max istantaneo.
MND	3 N 153 (K)	10	6e < 0,5r	< 8	$I_{DM} =$ 50 mA	—	< 0,05	20ds +6-8gs	400/25a 270/75a	RCA	Chopper. - $I_{Dmin} = 0,1$ (< 1) nA. - $\rho_{sat} < 300 \Omega$. - $\rho_{max} = 10$ (> 1) $G\Omega$.
MND	3 N 154 (K)	5...12	< 0,5r*	-2...8	10...25	4/200 M	< 0,05	20ds□	400/25a	RCA	16 dB/200 MHz. - * < 7e. - □ +1-8gs.
MPE	3 N 155, A*, 156□, A* (Q)	1...4 $I_D = 2$ mA	< 1,3r < 5e	1,5...3,2	< 1 nA	—	< 1	35ds 50gs ⁴	300/25a 130/125a	Moto	$\rho_{sat} < 600$ e * 300 Ω . - □ $V_P = 3...5$ V. - $I_{DM} = 30$ mA. - $\Delta 35$ dg.

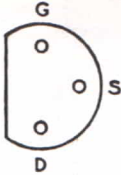
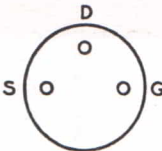
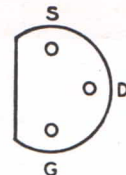
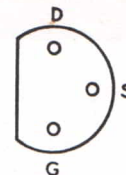
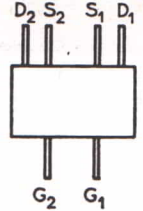
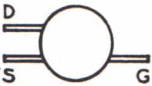
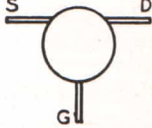
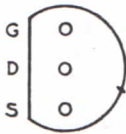
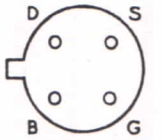
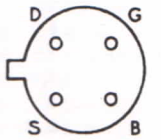
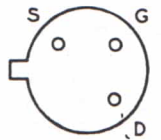
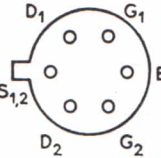
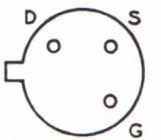
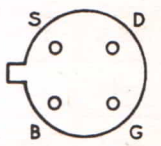
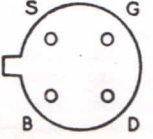
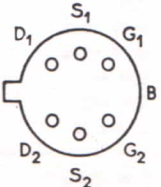
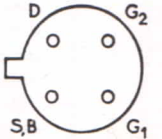
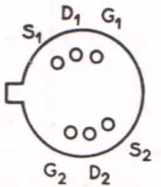
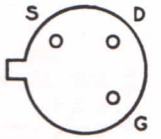
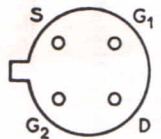
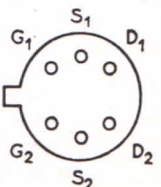
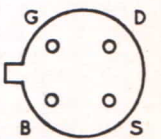
Tecnologia	Tipo (connessioni)	Pendenza (mA/V) a V_{GS} (V)	C (pF)	V_P (V)	I_{DSS} (mA)	F_b (dB) a f (Hz)	I_{GSS} (nA)	V_{max} (V)	P (mW) a T (°C)	Fabbricante	Osservazioni
MPE	3 N 157, A*, 158□, A* (Q)	1...4 $I_D = 2$ mA	< 1,3r < 5e	1,5...3,2	< 1 nA	—	< 0,01	35ds 50gs	300/25a 130/125a	Moto	* $V_{DS} = V_{DG} = 50$ V max. - * $I_{DSS} < 0,25$ nA. - □ $V_P = 3...5$ V.
MND 2 G	3 N 159 (S)	7...18* $I_D = 10$ mA	5,5e* 0,02r*	-2 (< -4)□	5...30	< 3,5 200 M	< 1□	20ds +1-8gs	400/25a 270/75a	RCA	* Gate 1. - □ Per i due gate. - GP > 16 dB a 200 MHz.
MPE	3 N 160 (L)	3,5...6,5*	< 4r < 10e	1,5...5□	1 (< 10) nA	—	< 0,01	25ds ± 25gs	360/25a 1800/25c	TI	* $I_D = 8$ mA. - □ $I_D = 10$ μA. - $I_{DM} = 125$ mA.
MPE	3 N 163 (L)	2...4*	< 0,7r□	< 5	—	—	< 0,01	± 125gs	375/25a	Ints	$\rho_{sat} < 250$ Ω. - * $I_D = 10$ mA. - □ < 2,5e.
MPE	3 N 164 (L)	1...4*	< 0,7r□	< 5	—	—	< 0,01	± 125gs	375/25a	Ints	$\rho_{sat} < 300$ Ω. - * $I_D = 10$ mA. - □ < 2,5e.
MNE	3 N 169, 170*, 171□ (Q)	> 1 $I_D = 2$ mA	< 1,3r < 5e	0,5...1,5	< 10 nA	—	< 0,01	25ds ± 35gs	300/25a 800/25c	Moto	$V_P = * 1...2$ e □ 1,5...3 V. - $\rho_{sat} < 200$ Ω. - tr < 10 ns.
MND 2 G	3 N 187 (S)	7...18* $I_D = 10$ mA	0,02r* 6e	-0,5... -4□	5...30	3,5 200 M*	< 50□	20ds ± 6gs□	330/25a 220/75a	RCA	Due gate protetti. - * Gate 1. - □ Per i due gate. - ▲ GP = 18 dB.
MND 2 G	3 N 200 (S)	10...20* $I_D = 10$ mA	0,02r* 6e*	-0,1... -3□	0,5...12	4,5 400 M*	< 50□	20ds ± 6gs□	330/25a 220/75a	RCA	Due gate protetti. - * Gate 1. - □ Per i due gate. - ▲ GP = 13 dB.
MND 2 G	3 SK 20 (V)	0,6...2/0*	4e*	< -3,5*	0,6...2	(□)	< 1 pA	20ds ± 20gs	100/25a	Hita	$I_{DM} = 10$ mA. - * Gate 1. - (□) 200 nV/√Hz a 1 kHz.
MND 2 G	3 SK 21 (V)	4...11/0*	4e*	< -5*	4...11	—	< 1 pA	20ds ± 20gs	100/25a	Hita	$I_{DM} = 10$ mA. - * Gate 1. - $\rho_{sat} < 300$ (< 150) Ω. - $\rho_{max} = 100$ MΩ.
MND	40 467 A (K)	7,5 (> 4) $I_D = 5$ mA	< 0,2r 5,5e	-5 (< 8)	10...50	< 5 200 M*	< 1	20ds +1-8gs	400/25a 270/75a	RCA	$I_{DM} = 50$ mA. - GP = 16 (> 12) dB.
MND	40 468 A (K)	7,5 $I_D = 5$ mA	< 0,2r 5,5e	< -8	5...25	< 5/ 100 M*	< 1	20ds +1-8gs	375/25a 270/75a	RCA	* GP = 17 dB con e 14 dB senza neutralizzazione. - $I_{DM} = 25$ mA.
MND	40 559 A (K)	2,8 (conversione)	< 0,3r 5,5e	-5 (< -8)	5...25	—	< 1	20ds +1-8gs	375/25a 250/75a	RCA	Guad. conversione 21,5 dB a 100 MHz/10,7 MHz. - $I_{DM} = 50$ mA

Tecno- logia	Tipo (connessioni)	Pendenza (mA/V) a V_{GS} (V)	C (pF)	V_P (V)	I_{DSS} (mA)	F_b (dB) a f (Hz)	I_{GSS} (nA)	V_{max} (V)	P (mW) a T (°C)	Fabbri- cante	Osservazioni
MND 2 G	40 600, 1*, 2** (S)	$I_D = 10^A$ 10 mA	0,02r ^A 5,5e ^A	-2□	$I_{DM} = 50$ mA	< 5/ 200 M	< 1□	20ds +1-8gs	400/25a 270/75a	RCA	Ampl. 200 MHz, GP=17 dB - *Conv. (GP = 14 dB) e ▲ FI 44 MHz. - ▲ Gate 1. - □ Per i due gate.
MND 2 G	40 603, 4* (S)	$I_D = 10^*$ 10 mA	0,02r* 5,5e*	-2□	18	< 4/ 100 M	< 1□	20ds +1-8gs	400/25a 270/75a	RCA	Ampl. e ▲ conv. 100 MHz. - ▲ S = 2,8 mA/V (conv.). * Gate. 1 - □ Per i due gate.
MND 2 G	40 673 (S)	12*	0,02r* 6e*	-2□	$I_{DM} = 50$ mA	< 6/ 200 M ^A	< 50□	20ds +1-6gs	330/25a 220/75a	RCA	▲ GP > 14 dB. - * Gate 1. - □ Per i due gate.

Tecnologia	Tipo (connessioni)	Pendenza (mA/V) a V_{GS} (V)	C (pF)	V_P (V)	I_{DSS} (mA)	F_b (dB) a f (Hz)	I_{GSS} (nA)	V_{max} (V)	P (mW) a T ($^{\circ}$ C)	Fabbri- cante	Osservazioni
+ : Sconsigliato per studi nuovi. - N : Canale N. - P : Canale P. - D : Neutro (improvemento). - 2 G : Due gate. - 2 X : Doppio.	La indicazione del tipo è seguita, tra parentesi, da una lettera che rimanda alla tabella che mostra le diverse disposizioni delle connessioni. Se due o più denominazioni di tipo precedono una stessa numerazione di caratteristiche, esse si distinguono sia per il loro modo di connessione, sia per un dettaglio precisato nella colonna osservazioni da un segno di richiamo (* □).	La pendenza (transconduttanza diretta, conduttanza mutua) è indicata nei suoi limiti di dispersione o, in mancanza, dal suo valore medio. L'indicazione è separata da una linea di frazione (/) dal valore della tensione gate-sorgente (V_{GS}) al quale la pendenza è stata misurata. Se non indicato, la polarità di V_{GS} corrisponde al funzionamento inverso del diodo di gate.	Capacità interne. - e : Capacità di entrata (tra gate e resto). - s : Capacità di uscita (fra collettore e drain) e resto). - r : Capacità di reazione (fra gate e collettore). - ds : Capacità collettore - sorgente(source). - gs : Capacità gate-sorgente.	Tensione di perforazione, di soglia o di interdizione. Se non indicata, la polarità corrisponde al funzionamento inverso del diodo del gate.	Corrente di collettore a tensione nulla fra gate e sorgente. Espressa in mA, se non è precisata altra unità.	Cifra di rumore, separata da una linea di frazione (/), o seguita su una seconda linea dalla frequenza (in Hz) alla quale essa è stata misurata. M : MHz.	Corrente di fuga fra il gate e l'insieme degli altri elettrodi, misurata a 25°C e sotto una tensione inversa di gate almeno eguale al valore massimo di V_P. In mancanza, resistenza r_i (in continua), espressa in $G\Omega$ ($10^9 \Omega$) o in $T\Omega$ ($10^{12} \Omega$).	Tensione massima applicabile fra collettore e sorgente (ds), fra gate e sorgente (gs) o fra collettore e gate (dg). Le due ultime sono sempre tensioni inverse nel caso di dispositivi a giunzione	La potenza massima di dissipazione è separata, mediante una linea di frazione (/), dalla temperatura alla quale questa potenza è definita. a : temperatura ambiente c : temperatura della custodia.	Vedere l'elenco dei fabbricanti. Se non vi è alcuna indicazione, il tipo viene offerto in comune da tutti i principali produttori di transistori ad effetto di campo.	CAG : Comando automatico di guadagno. C_e : Capacità di entrata. C_s : Capacità di uscita. I_D : Corrente di collettore. I_{DM} : Corrente massima di collettore. I_G : Corrente di gate. S : Pendenza o transconduttanza. R_G : Resistenza serie di gate, resistenze di pilotaggio. r_e : Resistenza di entrata. t_r : Tempo di salita. V_{DS} : Tensione collettore-sorgente. V_{GS} : Tensione gate-sorgente. Δ : Variazione, differenza. p : Resistenza interna di uscita (fra collettore e sorgente). P_{sat} : Resistenza di uscita di saturazione o di conduzione.

+	Sconsigliato per realizzazioni nuove.	n : n-p-n. p : p-n-p.	Tecnologia e tabella di sostituzione	Tipo	Guad. di corrente / a I _c (mA)	F _b (dB)	f _i (MHz)	C _{cb} (pF)	V _{CM} (V)	I _{CM} (mA)	M _o (mW) / a T _s o T _c (°C)	T _{jm} (°C)	Fabbri- cante	Osservazioni					
G	Germanio.	S : Silicio.	AD : Lega diffusa. AI : Lega. D : Diffusione. MA : Microlega.	BF : Bassa frequenza. C : Commutazione. DA : Darlington (doppio).	DD : Doppio differenziale. HC : Commutazione rapida. HF : Alta frequenza.	P : Potenza (BF). UH : UHF. VH : VHF.	Una indicazione come BCY 30, 1°, 2□ significa che BCY 30, BCY 31, BCY 32 figurano sulla stessa riga. Le differenze fra le loro caratteristiche sono precisate, in tal caso, nella colonna osservazioni con segni di richiamo (* □).	Il guadagno di corrente, indicato nei suoi limiti di variazione o, in mancanza, dal valore medio, è separato da un tratto (/) dal valore di corrente di collettore I _c al quale esso è definito.	Cifra di rumore. Valore medio o massimo se il segno « < » precede.	Frequenza alla quale il guadagno in corrente ad emettitore comune diviene uguale ad 1. Valore medio, o valore minimo se il segno « > » precede.	Capacità interna collettore-base o capacità di uscita a base comune. Valore medio o valore massimo se il segno « < » precede.	b : Tensione massima collettore base, V _{CBM} . e : Tensione massima collettore-emettitore, V _{CEM} . Assenza di indicazione: V _{CEM} = V _{CEM} .	Corrente massima di picco del collettore in milliampere o in ampere, quando la lettera « A » segue.	La potenza massima di dispersione in milliwatt o in watt, quando la lettera « W » segue, è separata da un tratto di frazione (/) dalla temperatura della quale questa potenza è definita.	a : Temperatura ambiente. c : Temperatura della custodia.	Temperatura massima della giunzione. Dividendo la differenza fra questa temperatura e quella della colonna precedente per la potenza di dissipazione P _{DM} , si ottiene la resistenza termica del transistor.	I nomi e gli indirizzi corrispondenti alle abbreviazioni utilizzate in questa colonna, figurano nelle pagine precedenti.	AM : Modulazione di ampiezza. CAG : Comando automatico di guadagno. f _b : Frequenza di taglio a emettitore comune. FI : Frequenza intermedia. FM : Modulazione di frequenza. GP : Guadagno di potenza. OC : Onde corte. OSC : Oscillatore. RA : Resistenza di pilotaggio. R _{BE} : Resistenza esterna a base-emettitore. R _{sat} : Resistenza di saturazione. R _{th} : Resistenza termica. t _{amb} : Temperatura ambiente. t _d : Durata di sbloccaggio.	t _i : Tempo di discesa. t _r : Tempo di salita. t _s : Durata di saturazione. TV : Televisione. V _{BE} : Tensione inversa emettitore-base. V _{CEO} : Tensione massima di collettore con base aperta. V _{off} : Tensione di interruzione. V _{sat} : Tensione di saturazione di collettore. β : Guadagno di corrente ad emettitore comune. Δβ : Scarto dei guadagni di corrente. ΔV _{BE} : Scarto fra le tensioni dirette base-emettitore.

TABELLA III. - CONNESSIONI

 A	 B	 C	 D	 E	 F	 G	 H
 I	 J	 K	 L	 M	 N	 O	 P
 Q	 R	 S	 T	 U	 V	 W	 X

CLASSIFICAZIONE SECONDO LE FUNZIONI

Transistori ad effetto di campo

TABELLA IV

Tipi di impiego generale

Tecnologia	Tipo	S_{min} (mA V)
MND	SFT 601...3	0,4
MND	MFE 3001	0,6
MND	BFX 63	1,3
MND	BFW 96	2,5
MNE	2 N 4351	1
MPE	2 N 4352	1
MPE	2 N 4353	1
MPE	2 N 4267	3
MPE	3 N 160	3,5
MPE	TIKS 67	4
MPE	2 N 4268	5
JN	2 N 3367	0,1
JN	C 680, 1	0,2
JN	U 197	0,2
JN	2 N 3068	0,2
JN	2 N 5716	0,2
JN	2 N 3366	0,25
JN	2 N 3067	0,3
JN	2 N 3370	0,3
JN	MFE 2093	0,4
JN	C 682, 3	0,4
JN	2 N 3084, 5	0,4

JN	2 N 3086, 7	0,4
JN	2 N 3465, 6	0,4
JN	2 N 3066	0,4
JN	2 N 3365	0,4
JN	2 N 5717	0,4
JN	2 N 3071	0,5
JN	E 100, 1	0,5
JN	MFE 2094	0,5
JN	2 N 3687	0,5
JN	2 N 5718	0,5
JN	C 684, 5	0,6
JN	MFE 2095	0,6
JN	U 198	0,6
JN	2 N 3369	0,6
JN	2 N 4338	0,6
JN	2 N 3070	0,75
JN	2 N 4339	0,8
JN	E 102	1
JN	MPF 103	1
JN	TIS 14	1
JN	TIS 68...70	1
JN	2 N 3069	1
JN	2 N 3368	1
JN	2 N 5457	1
JN	2 N 3686	1
JN	2 N 4220	1
JN	2 N 4302, 4	1
JN	3 G 2	1
JN	6 G 2	1
JN	TIS 58	1,3
JN	2 N 3969	1,3
JN	144 BFY B	1,5
JN	E 103	1,5
JN	MPF 104	1,5

JN	U 199	1,5
JN	2 N 3685	1,5
JN	2 N 5103	1,5
JN	2 N 5458	1,5
JN	BFW 61	2
JN	MPF 105	2
JN	U 183	2
JN	2 N 3684	2
JN	2 N 3819	2
JN	2 N 4221	2
JN	2 N 4303	2
JN	2 N 5104	2
JN	2 N 5459	2
JN	TIS 59	2,3
JN	2 N 4222	2,5
JN	2 N 5246	3
JN	2 N 5105	3,5
JN	2 N 5248	3,5
JN	2 N 5949, 50	3,5
JN	U 1837	4,5
JN	2 N 5247	4,5
JN	CM 640	5
JN	CM 641	10
JN	MFE 2097	10
JN	MFE 2098	14
JN	CM 642	20
JN	CM 643	30
JN	C 413 N	40
JP	2 N 3112, 3	0,05
JP	U 146	0,06
JP	U 110	0,1
JP	U 147	0,18
JP	U 148	0,5

JP	2 N 3376, 7	0,8
JP	2 N 3820	0,8
JP	FP 4339	0,8
JP	U 112	1
JP	2 N 3329	1
JP	2 N 3909	1
JP	FT 4340	1,3
JP	U 147	1,4
JP	2 N 3330	1,5
JP	2 N 3378, 9	1,5
JP	2 N 3380, 1	1,5
JP	2 N 3331	2
JP	P 1669	3
JP	BFX 83	4
JP	2 N 3382, 3	4,5
JP	2 N 3384, 5	7,5

TABELLA V

Tipi VHF - UHF ad un gate

Tecnologia	Tipo	Guad. minimo (dB) a f (MHz)
MND	BFX 78	—
MND	3 N 142	14/100
MND	40 468	14/100
MND	40 559	21/100*
MND	K 1004	6/200
MND	K 1002	8/200
MND	K 1001, 3	10/200*
MND	3 N 143	10/200*
MND	40 467	12/200
MND	3 N 139	14/200
MND	3 N 128	15/200
MND	3 N 152	16/200

Guadagno di conversione

MND	3 N 154	16/200
MND	K 1202	8/450
MND	K 1201	10/450
MNE	2 N 4038, 9	20/100
MPE	K 1504	6/200
MPE	K 1502	8/200
MPE	K 1501	9/200
JN	BF 244...7	—
JN	TIS 34	—
JN	U 184	15/100
JN	2 N 5484	16/100
JN	2 N 5668...70	16/100
JN	U 1994	18/100
JN	2 N 5245	18/100
JN	2 N 5485, 6	18/100
JN	TIS 88	10/400
JN	U 2047	10/400
JN	2 N 4416, 7	10/400
JN	2 N 5245	10/400
JN	2 N 5486	10/400
JN	2 N 5078	12/400
JN	2 N 5397, 8	15/450
JN	U 221, 2	0,5 W/100

TABELLA VI

Tipi a due gate

Tecnologia	Tipo	Osservazioni
MND	TA 7152	Demodulazione TV colori
MND	TA 7189	Guadagno 28 dB a 44 MHz
MND	TA 7310	Rivelatore quadratico F.M.

MND	3 SK 20	S > 0,6 mA/V
MND	3 SK 21	S > 4 mA/V, G1
JN	TIXS 80	S > 5 mA/V, G1
JN	TIXS 35, 36	S > 10 mA/V, G1
JN	3 N 124	S > 0,2 mA/V
JN	3 N 125	S > 0,25 mA/V
JN	3 N 126	S > 0,4 mA/V
JP	3 N 89	S > 0,4 mA/V
JP	U 89	S 0,8 mA/V, G1

TABELLA VII

Tipi VHF - UHF a due gate

Tecnologia	Tipo	Guad. minimo o medio * a f (MHz)
MND	40 602	28/44
MND	40 601	14/conv.
MND	3 N 141	18/conv.
MND	40 604	23/conv.
MND	TA 7151	23/100*
MND	TA 7150	24/100
MND	TA 7262	14/200
MND	40 603	14/200
MND	40 673	14/200
MND	3 N 140	16/200
MND	3 N 159	16/200
MND	40 600	17/200
MND	MEM 554	18/200
MND	3 N 187	18/200
MND	TA 7149	20/200
MND	3 N 200	13/400
MND	TA 7153	14/400
JN	TIXS 81	10/400

TABELLA VIII

Tipi per suddivisione (Choppers)

Tecnologia	Tipo	$\rho_{sal} (\Omega)$ Valore max o medio *
MND	3 N 153	300
MND	BSX 82	200
MND	3 N 138	180*
MND	M 100	150*
MND	M 101	100*
MND	2 N 3631	100*
MNE	3 N 169...71	200
MPE	BSX 83	1500
MPE	M 105	1200
MPE	BSX 84	1000
MPE	BFW 27	700
MPE	3 N 155, 6	600
MPE	3 N 155, 6 A	300
MPE	3 N 164	300
MPE	3 N 149, 50	250
MPE	3 N 163	250
MPE	M, MEM 511	150*
MPE	MEM 520	150*
MPE	M 103	100
MPE	MEM 517, A	25*
JN	2 N 3824	250
JN	2 N 3966	200
JN	2 N 5555	150
JN	U 200	150
JN	2 N 3493	100
JN	2 N 5654	100
JN	2 N 5640	100
JN	CM 600	75
JN	U 201	75
JN	TIS 42	70
JN	TIS 75	60
JN	MFE 2133	60

JN	2 N 4392	60
JN	2 N 4858, 61	60
JN	2 N 5639	60
JN	CM 601, 2	50
JN	CM 644	50
JN	U 202	50
JN	2 N 5653	50
JN	CM 645	40
JN	TIS 74	40
JN	U 182	40
JN	2 N 4857, 60	40
JN	2 N 4979	40
JN	CM 603	35
JN	CM 646	30
JN	2 N 4391	30
JN	2 N 5638	30
JN	CM 647	25
JN	TIS 41, 73	25
JN	2 N 4856, 59	25
JN	2 N 4978	20
JN	2 N 4977	15
JN	U 243	12
JN	2 N 4448	12
JN	U 241, 44	10
JN	2 N 4446	10
JN	2 N 5434	10
JN	2 N 5433	7
JN	U 242	6
JN	2 N 4447	6
JN	U 240	5
JN	2 N 4445	5
JN	2 N 5432	5
JN	U 254... 6	Veloci
JN	U 1897... 9	Veloci
JN	2 N 4091... 3	Veloci
JP	2 N 3382, 3	300
JP	2 N 3994	300
JP	U 139 D	200
JP	2 N 3384, 5	180
JP	P 1087	150
JP	2 N 3386, 7	150

JP	2 N 3993	150
JP	2 N 5019	150
JP	P 1086	75
JP	2 N 5018	75

TABELLA IX

Tipi BF a basso rumore

Tecnologia	Tipo	Cifra di rumore (dB) o tensione di rumore ($\sqrt{\text{Hz}}$) a f (Hz)
MPE	UC 1700	< 150 nV 100
JN	2 N 3088, 9	0,5 10... 15 k
JN	2 N 3088, 9 A	0,1 10... 15 k
JN	2 N 5163	3 1000
JN	BC 264	2 1000
JN	2 N 4867... 9	1 1000
JN	2 N 4220... 2	< 2,5 100
JN	2 N 5358... 64	2,5 100
JN	2 N 3967, 8	< 1,5 100
JN	2 N 5593	6 10
JN	2 N 3821, 2	< 5 10
JN	2 N 5592	2,6 10
JN	2 N 5391... 6	2 10
JN	2 N 5556... 8	1 10
JN	BFW 10, 11	< 75 nV 10
JP	2 N 5033	2 1000
JP	2 N 5471... 6	2 1000
JP	U 133	0,5 1000
JP	2 N 5020, 1	3 100
JP	2 N 5265... 70	2,5 100
JP	BFX 82	1,5 100
JP	2 N 5460... 5	1 100
JP	2 N 3332	< 5 10
JP	U 168	< 25 nV 1000
JP	2 N 3578	100 nV 20

TABELLA X

Tipi a debole corrente di gate

Tecnologia	Tipo	I_{GSS} o r_F
MND	3 SK 20, 21	< 1 pA
MND	M 100, 1	> 10 T Ω
MND	2 N 3631	> 100 T Ω
MNE	2 N 3796, 7	0,1 (< 1) pA
MNE	3 N 196...71	< 10 pA
MPE	MEM 520	0,03 (< 3) pA
MPE	2 N 4267, 8	< 3 pA
MPE	3 N 157, 8 A	< 10 pA
MPE	3 N 160...4	< 10 pA
MPE	2 N 3608	> 10 T Ω
JN	2 N 4117...9 A	< 1 pA
JN	2 N 5647...9	< 2 pA
JN	U 1714	< 5 pA

TABELLA XI. - Alta tensione

Tecnologia	Tipo	V_{DGS} max. (V)
MPE	3 N 163, 4	125
JN	2 N 4885, 6	125
JN	2 N 5277, 8	150
JN	TI XS 79	200
JN	U 1715	200

JN	2 N 4883, 4	200
JN	TI XS 78	300
JN	2 N 4881, 2	300

TABELLA XII. - Tipi doppi

Tecnologia	Tipo	Pendenza min. (mA/V)
MPE	M 106	Chopper
MPE	MEM 550, 1	Chopper
MPE	BSX 58, 68	Chopper
MPE	2 N 4066	1,5
MPE	2 N 4067	2,5
JN	U 248...51	0,07
JN	2 N 5515...24	0,5
JN	SU 2098, 9	0,7
JN	U 231...5	1
JN	2 N 3954...8	1
JN	2 N 5169...9	1
JN	SU 2080, 1	1,5
JN	TIS 25...27	1,5
JN	2 N 3921, 2	1,5
JN	2 N 4084, 5	1,5
JN	U 252, 3	5
JP	2 N 3333...5	0,6
JP	U 139	Chopper

TABELLA XIII

Sostituzione dei tipi sconsigliabili per studi nuovi (Documentazione AMELCO)

Sconsigliati	Sostituzione	Sconsigliati	Sostituzione
2 N 2606	2 N 5019	2 N 3456	U 1714
2 N 2607	2 N 5019	2 N 3457	U 1714
2 N 2608	2 N 5018	2 N 3458	2 N 5078
2 N 2609	2 N 5018	2 N 3459	2 N 3967
2 N 3066	2 N 5078	2 N 3460	2 N 3968
2 N 3067	2 N 5078	2 N 3823	2 N 5078
2 N 3068	2 N 5078	2 N 3934	SU 2098
2 N 3069	2 N 3967	2 N 3935	SU 2099
2 N 3070	2 N 3968	2 N 3956	SU 2099
2 N 3071	2 N 3969	2 N 3957	SU 2099
2 N 3365	2 N 3966	2 N 3958	SU 2098
2 N 3366	2 N 3967	2 N 3970	2 N 4091
2 N 3367	2 N 3968	2 N 3971	2 N 4092
2 N 3368	2 N 5078	2 N 3972	2 N 4093
2 N 3369	2 N 5078	2 N 4082	SU 2098
2 N 3436	2 N 3967	2 N 4083	SU 2098
2 N 3437	2 N 3968	2 N 4139	2 N 3967
2 N 3438	2 N 3968	2 N 4223	2 N 5078
2 N 3452	2 N 3967	2 N 4224	2 N 5078
2 N 3453	2 N 3968	2 N 4391	2 N 4091
2 N 3454	2 N 3969	2 N 4392	2 N 4092
2 N 3455	U 1714	2 N 4393	2 N 4093

Siccome i tipi proposti per la sostituzione hanno caratteristiche migliori rispetto a quelli della colonna di sinistra, la sostituzione pura e semplice non sempre è possibile e si consiglia di effettuare un nuovo studio del circuito.

DIODI

Diodi di raddrizzamento

Tipo	Tecnologia	I _{nom} (A)	Tensione massima periodica (progressione secondo il num. del tipo) Osservazioni
AY 101	GJB	5	150. - Ripristino TV.
AY 102	GJM	10	320. - TV. - Ates.
AY 104	GJM	5	50. - TV. - Ates.
AY 106	GJM	10	200. - TV. - Ates.
AYY 10/120	GJB	12	120. - RTC.
B 4 Y 1/560 M	SQE	1	1200 (560 V _{eff}). - RTC.
B 4 Y 2/(*) M	SQE	2	(*) V _{eff} in V (140 - 280 - 560). - RTC.
B 4 Y 5/(*) M	SQE	5	(*) V _{eff} in V (140 - 280 - 420 - 560).
B 4 Y 10/(*) M	SQE	10	(*) V _{eff} in V (140 - 280). - RTC.
B 4 Y 10/(*) M	SQE	20	(*) V _{eff} in V (140 - 210 - 280 - 350 - 420).
B (*) C (□)	SQE	—	(*) V _{eff} in V. - (□) I _{nom} in mA. - Intermetall.
BAY 14...16	SMM	0,2	500 - 650 - 800.
BAY 17...21	SJV	0,1	15 - 60 - 120 - 180 - 350. - C = 1,2 pF.
BAY 23...26	SJV	0,05	1000 - 1500 - 2000 - 3000.
BAY 44...46	SMV	0,25	50 - 150 - 300. - C = 2,5 pF.
BAY 86...91	SDV	0,25	30 - 100 - 300 - 500 - 800 - 1500. - C = 0,7 pF.
BB (*) (□)	SJM	—	(*) V _M × 10 V. - (□) I _{nom} (A). - Soral.
BY 100	SDM	0,75	800. - BY 100 S : I _{nom} = 0,45 A.
BY 103	SJM	0,6	800.
BY 114	SJM	0,45	450.
BY 118	SJM	5	300. - Ricupero riga, TV. - RTC.
BY 122, 123	SQE	0,8	60. - 400 (Pont).
BY 126, 7	SJE	1	450 - 800. - RTC.
BY 133, 4, 5	SJE	1	1300 - 600 - 150. - Intermetall.
BY 134, 135	SDE	1	600 - 150.
BY 137/(*)	SJM	1	(*) V _M in V (400 e 800).

BY 140	SJE	0,25	15 000. - TV. - RTC.
BY 147	SJE	0,25	6500. - Sostit. tubo PY 88. - Intermetall.
BY 164	SQE	1,4	120. - < 400 Hz. - RTC.
BYX 10	SDV	0,2	800.
BYX 13/(*)	SDB	20	(*) V _M in V (400...1200).
BYX 14/(*)	SDB	150	(*) V _M in V (400...1200).
BYX 15, 16*	SDB	40	400. - * Anodo alla custodia.
BYX 20/200	SDP	25	200.
BYX 21/(*)	SDP	25	(*) V _M in V (100 e 200).
BYX 23/(*)	SAB	100	(*) V _M in V (400...1000).
BYX 24	SQE	0,8	1600. - RTC.
BYX 25/(*)	SAB	20	(*) V _M in V (600...1000).
BYX 27/(*)	SAB	250	(*) V _M in V (400...1000).
BYX 28/(*)	SJP	25	(*) V _M in V (200 e 400).
BYX 30/(*)	SAB	8	(*) V _M in V (200...600).
BYX 32/(*)	SDB	100	(*) V _M in V (200...1600).
BYX 33/(*)	SDB	250	(*) V _M in V (200...1600).
BYX 34/(*)	SAB	60	(*) V _M in V (200...500).
BYX 36/(*)	SJE	0,8	(*) V _M in V (150 - 300 - 600).
BYX 38/(*)	SAB	2,5	(*) V _M in V (300 - 600 - 900 - 1200).
BYX 39/(*)	SAB	6	(*) V _M in V (600 - 800 - 1000).
BYX 41/(*)	SJB	300	(*) V _M in V (1000...2400).
BYX 42/(*)	SDB	10	(*) V _M in V (300 - 600 - 900 - 1200).
BYX 48 (*)	SJB	6	(*) V _M in V (300 - 600 - 900 - 1200).
BYX 52, (*)	SJB	40	(*) V _M in V (300 - 600 - 900 - 1200).
BYX 52, 3	SJV	0,05	2000 - 3000. - Silec.
BYX 57, (*)	SAV	0,4	(*) V _M in V (500 - 600). - Silec.
BYX 58, (*)	SJM	1	(*) V _M in V (50...400). - Silec.
BYX 61, (*)	SDB	12	(*) V _M in V (50...400). - tr = 100 ns.
BYX 62,600	SDB	12	600. - tr < 200 ns. - Sescosem.
BYX 63,600	SDB	20	600. - tr < 200 ns. - Sescosem.
BYX 64,600	SDB	30	600. - tr < 200 ns. - Sescosem.

Tipo	Tecnologia	I_{nom} (A)	Tensione massima periodica (progressione secondo il num. del tipo) Osservazioni
BYX 65 (*)	SDB	30	(*) V_M in V (50...400). - tr = 100 ns.
BYX 66 (*)	SDB	12	(*) V_M in V (600 - 800 - 1000). tr = 500 ns.
BYX 67 (*)	SDB	30	(*) V_M in V (600 - 800 - 1000). tr = 500 ns.
BYY 15, 16*	SDB	40	600. - * Anodo alla custodia.
BYY 22, 24	SDB	10	400, 600.
BYY 23, 25	SDB	10	400, 600. - Anodo alla custodia.
BYY 27...29	SJB	220	300 - 500 - 650.
BYY 31...37	SJM	0,6	100 - 200 - 300 - 400 - 500 - 600 - 700.
BYY 39(*)	SJB	220	(*) V_M in V (200...2400).
BYY 67, 68*	SDB	10	800. - * Anodo alla custodia.
BYY 73, 74*	SDB	40	300. - * Anodo alla custodia.
BYY 75, 77	SDB	40	1000 - 1200.
BYY 76, 78	SDB	40	1000 - 1200. - Anodo alla custodia.
BYY 88...92	SJB	1	100 - 200 - 400 - 800 - 1000.
BYZ 10...13	SDB	6	600 - 900 - 1200 - 800.
BYZ 14, 15*	SDB	40	1600. - * Anodo alla custodia.
BYZ 16...18	SDB	6	600 - 900 - 1200. - Anodo alla custodia.
D (*)5 C	SJV	0,5	(*) $V_M \times 100$ V (100...1200). - Silec.
D (*)8	SJV	0,8	(*) $V_M \times 100$ V (100...1000). - Silec.
D 6 HZ, D 8 HZ	SAV	0,8	600 - 800. - Silec.
D 45 CZ	SAV	0,8	400. - Silec.
D (*) H, HL	SAE	0,5	(*) $V_M \times 100$ V (4...25 kV). - Silec.
DA 000, 1, 2, 6, 58	SAE	0,5	60 - 100 - 150 - 400 - 800. - Lucas.
DA 2026, 68*	SAM	1,5	400. - * 800 V, 1 A. - Lucas.
DA, DC, DD			
DE (*) x (□)	SJM	—	(*) $V_M \times 10$ V. - (□) I_{nom} in A. - Soral.
DD 000, 1, 3, 6, 56, 58	SJE	0,5	50 - 100 - 200 - 400 - 800 - 1200. - Lucas.
DD 2066, 8	SJM	1	400 - 800. - Lucas.
DD 3020, 6, 76, 78	SJB	2,5	50 - 400 - 800 - 1200. - Lucas.
DD 4020, 6, 66, 67, 68	SJB	6	50 - 400 - 800 - 1200 - 1300. - Lucas.
DRS 102, 4, 6, 7	SJM	1	200 - 400 - 600 - 700. - Delco.
E (*)1	SJM	1	(*) $V_M \times 100$ V (100...1000). - Silec.
E 6, 8 HZ	SAM	1	600 - 800. - Silec.

EC (*) E 2	SJB	2	(*) $V_M \times 10$ V (70...560). - Soral.
EL (*) F 4	SJB	4	(*) $V_M \times 10$ V (70...560). - Soral.
EM 513	SJE	1	1300. - Intermetall.
ER 2, 4, 6	SJV	1	200 - 400 - 600. - Silec.
F (*)1	SJM	1,6	(*) $V_M \times 100$ V (100...1000). - Silec.
F (*)2	SJM	2	(*) $V_M \times 100$ V (100...1000). - Silec.
F (*) H ou HL	SAE	0,5	V_M in centinaia di V (4...25 kV). - Silec.
F 4, 6, 8 HZ	SAM	1,25	400 - 600 - 800. - Silec.
F 41, 61, 81 Z	SAM	1,25	400 - 600 - 800. - Silec.
F 42, 62, 82 Z	SAM	2	400 - 600 - 800. - Silec.
FB (*) G 6	SJB	6	(*) $V_M \times 10$ V (70...560). - Soral.
FR (*)1	SJM	1	(*) V_M in V (50...400). - tr = 250 ns. - Silec.
G (*)4	SJB	4	(*) V_M in V (50...1200). - Silec.
G (*)6	SJB	6	(*) V_M in V (50...1500). - Silec.
G (*)10	SJB	10	(*) V_M in decine di V (50...1200). - Silec.
G 4, 6, 8 HZ	SAB	10	400 - 600 - 800. - Silec.
G 65, 85 HZ	SAB	5	600 - 800. - Silec.
GD (*) J 10	SJB	10	(*) $V_M \times 10$ V (70...560). - Soral.
GR 05, 1, 2, 4	SJB	5	50 - 150 - 250 - 350. - Silec.
HB (*) L 15	SJB	15	(*) $V_M \times 10$ V (30...560). - Soral.
IS (*)	SJR	—	(*) I_{nom} (2 - 5 - 10 - 20 - 45 A), seguito da V_{max} (100...800 V). - Intermetall.
JCM A...E	SJM	0,1	12 - 50 - 100 - 150 - 300. - Cogie.
JCN (*)	SJM	1	(*) $V_M \times 100$ V (100...800). - Cogie.
JHT (*)	SJE	0,05	(*) $V_M \times 100$ V (1...3 kV). - Cogie.
K (*)40	SJB	40	(*) $V_M \times 10$ V (50...1400). - Silec.
K 46, 66, 86 HZ	SAB	60	400 - 600 - 800. - Silec.
LA (*) P 25	SJB	25	(*) $V_M \times 10$ V (30...560). - Soral.
M 4, 6, 8 HZ	SAV	0,4	400 - 600 - 800. - Silec.
M (*)2	SJV	0,2	(*) V_M in centinaia di V (100...1000). - Silec.
M (*) K	SJE	0,25	(*) $V_M \times 100$ V (1,5...30 kV). - Silec.
M (*) HZ	SAV	0,15	(*) $V_M \times 100$ V (1...3 kV). - Silec.
M 20, 30, 60 H	SJE	0,1	2000 - 3000 - 6000. - Silec.
M 405, 505, 605	SJV	0,05	4000 - 5000 - 6000.
MA 25, 35	SAV	0,05	2000 - 3000. - Silec.
MA 30	SAV	0,01	3000. - Silec.
MA 45	SJV	0,02	4000. - Silec.
MC 19, 22	SJV	0,25	150 - 100. - Silec.
MC 42...45	SJV	0,5	200 - 300 - 400 - 500. - tr = 200 ns. - Silec.

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MC 48...50	SJV	0,25	100 - 200 - 300 - 400 - 500. - tr = 200 ns. - Silec.
MC 51	SJV	0,25	300. - Silec.
ME (*)	SJE	0,2	(*) V _M × 100 V (3...20 kV). - Silec.
MR (*)	SJV	0,1	(*) V _M × 10 V (50...410). - tr < 1 μs. - Silec.
MR 52, 62 Z	SAV	0,2	500 - 600. - tr = 200 ns. - Motorola.
MR 54, 64 Z	SAV	0,4	500 - 600. - tr = 200 ns. - Motorola.
MR 327, 8, 9, 30, 1	SJP	25	500 - 600 - 800 - 1000. - Motorola.
MR 810, 1, 2, 4, 6	SJV	0,75	50 - 100 - 200 - 400 - 600. - Motorola.
MR 830, 1, 2, 4, 6	SJM	3	50 - 100 - 200 - 400 - 600. - tr = 200 ns.
MR 840, 1, 2, 4, 6	SJM	3	50 - 100 - 200 - 400 - 600. - tr = 1 μs.
MR 880, 1, 2, 4, 6	SJB	12	50 - 100 - 200 - 400 - 600. - tr = 1 μs.
MR 990...94	SJV	0,25	1 - 1,5 - 2 - 2,5 - 3 kV. - Motorola.
MR 1120...26	SJB	12	50 - 100 - 200 - 300 - 400 - 500 - 600. - Motorola.
MR 1366	SJB	6	600. - tr = 200 ns. - Motorola.
MR 1376	SJB	12	600. - tr = 200 ns. - Motorola.
MT 14, 24, 44, 64, 84	SJV	0,4	100 - 200 - 400 - 600 - 800. - Silec.
MU (*)	SAE	0,2	(*) V _M × 100 V (2...10 kV). - tr = 200 ns. - Silec.
NB (*) T 55	SJB	55	(*) V _M × 10 V (30...560). - Soral.
NT 161...5	SJB	160	1,6 - 1,8 - 2 - 2,2 - 2,4 kV. - Silec.
NT 251...5	SJB	250	1,6 - 1,8 - 2 - 2,2 - 2,4 kV. - Silec.
OA 31	GJM	3,8	120.
OA 210, 11, 14	SJB	0,5	400 - 800 - 700.
P 4, 6, 8 HZ	SAB	10	400 - 600 - 800. - Silec.
P (*)4	SJB	4	(*) V _M in V (50...1200). - Silec.
P (*)6	SJB	6	(*) V _M in V (20...1500). - Silec.
P (*)10	SJB	10	(*) V _M in decine di V (50...1200). - Silec.
P (*) H	SAE	3	(*) V _M × 100 V (3,2...40 kV). - Silec.
PB (*) U 110	SJB	110	(*) V _M × 10 V (30...560). - Soral.
R 4, 6, 8 HZ	SAB	20	400 - 600 - 800. - Silec.
R 43, 63, 83 HZ	SAB	35	400 - 600 - 800. - Silec.

RAS 310 AF	SAM	1	1000. - Intermetall.
RAS 508 AF, BF	SAB	5*	960. - *Radiatore 60 cm ² . - Intermetall.
RAS 508 CF, DF	SAB	10*	960. - *Radiatore 100 cm ² . - Intermetall.
RN (*)15	SJB	15	(*) V _M × 10 V (50...1500).
RN (*)20	SJB	20	(*) V _M in decine di V (800...1500). - Silec.
RN (*)35	SJB	35	(*) V _M in decine di V (800...1000). - Silec.
RV, RW 15	SJE	0,1	15 000. - Silec.
RX, RY 15	SJE	0,2	15 000. - Silec.
RY 10 U	SJE	0,1	7000. - tr = 200 ns. - Silec.
S 1 A (*) × 01	SJE	0,1	(*) V _M × 10 V (600...1500). - Soral.
S 2 E (*) × 06	SJE	0,6	(*) V _M × 10 V (200...1000). - Soral.
SD 91...95	SJM	0,5	100 - 200 - 300 - 400 - 500.
SD 91...95 A	SJM	0,7	100 - 200 - 300 - 400 - 500.
SD 91...98 S	SJM	1,1	91 = 100 V, 92 = 200 V, etc.
SFR 126	GJB	5	50.
SFR 264	SJM	1	400.
ST 1...6	SJB	60	200 - 400 - 800 - 1000 - 1200 - 1400. - Silec.
T 21...26	SJB	200	Vedi ST 1...6. - Silec.
T 31...36	SJB	300	Vedi ST 1...6. - Silec.
TI 51...55	SDV	0,2	20 - 30 - 40 - 50 - 80. - Texas Instr.
TI 56...60	SDV	0,4	120 - 200 - 270 - 320 - 400. - Texas Instr.
YC, YD (*) × (□)	SJC	—	(*) V _M in V. - (□) I _{nom} in A.
1 AS 027, 029	SAM	1,5	800 - 1000.
1 C (*)	SJB	10	(*) V _M × 100 V (200...1000). - Cogie.
1 N 151, 2, 8	GJB	1	100 - 200 - 400.
1 N 248...50	SJB	20	50 - 100 - 200.
1 N 316...22	SJM	0,25	50 - 100 - 200 - 350 - 500 - 850 - 1000.
1 N 323...29	SJM	0,4	50 - 100 - 200 - 350 - 500 - 850 - 1000.
1 N 359...65	SJM	0,15	50 - 100 - 200 - 350 - 500 - 850 - 1000.
1 N 440...45	SJM	0,75	100 - 200 - 300 - 400 - 500 - 600.
1 N 530...35	SJM	0,3	100 - 200 - 300 - 400 - 500 - 600.
1 N 536...40	SJM	0,75	50 - 100 - 200 - 300 - 400.
1 N 547	SJM	0,75	600.
1 N 550...55	SJB	0,5	100 - 200 - 300 - 400 - 500 - 600.
1 N 599...606	SJM	0,6	50 - 100 - 150 - 200 - 300 - 400 - 500 - 600.
1 N 607...14	SJB	0,8	50 - 100 - 150 - 200 - 300 - 400 - 500 - 600.
1 N 645...49	SMV	0,4	275 - 360 - 480 - 600 - 700. - C = 6 pF.
1 N 676, 8	SJV	0,25	100 - 200.
1 N 683, 7	SJV	0,25	400 - 600.

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1 N 846, 7	SJV	0,25	50 - 100.
1 N 848, 9	SJV	0,13	50 - 100.
1 N 1095, 6	SJM	0,75	500 - 600.
1 N 1100...3	SJM	0,75	100 - 200 - 300 - 400.
1 N 1115...20	SJB	1,5	100 - 200 - 300 - 400 - 500 - 600.
1 N 1124...28	SJB	3	200 - 300 - 400 - 500 - 600.
1 N 1133, 7	SJE	0,4	1500 - 2400.
1 N 1140, 2, 3	SJE	0,4	3600 - 4800 - 6000.
1 N 1183...90	SJB	35	50 - 100 - 150 - 200 - 300 - 400 - 500 - 600.
1 N 1191...98	SJB	20	50 - 100 - 200 - 300 - 400 - 500 - 600.
1 N 1199...1206	SJB	12	50 - 100 - 150 - 200 - 300 - 400 - 500 - 600.
1 N 1251...55	SJM	0,5	50 - 100 - 200 - 300 - 400.
1 N 1256...61	SJM	0,3	500 - 600 - 700 - 800 - 900 - 1000.
1 N 1341...48 B	SJB	6	50 - 100 - 150 - 200 - 300 - 400 - 500 - 600.
1 N 1487...92	SJM	0,75	100 - 200 - 300 - 400 - 500 - 600.
1 N 1563...68	SJM	1,5	100 - 200 - 300 - 400 - 500 - 600.
1 N 1581...87	SJB	3	50 - 100 - 200 - 300 - 400 - 500 - 600.
1 N 1612...16	SJB	15	50 - 100 - 200 - 400 - 600.
1 N 1692...97	SJM	0,75	100 - 200 - 300 - 400 - 500 - 600.
1 N 1732...4	SJE	0,15	2000 - 3000 - 5000.
1 N 2069...71	SJE	0,75	200 - 400 - 600.
1 N 2072...79	SJM	0,75	50 - 100 - 150 - 200 - 250 - 300 - 400 - 500.
1 N 2080...86	SJM	0,5	50 - 100 - 200 - 300 - 400 - 500 - 600.
1 N 2103...08	SJM	0,75	50 - 100 - 200 - 300 - 400 - 500.
1 N 2154...60	SJB	25	50 - 100 - 200 - 300 - 400 - 500 - 600.
1 N 2373, 4	SJM	0,25	600 - 1000.
1 N 2378	SJE	0,15	3000.
1 N 2379, 80	SJE	0,1	4000 - 6000.
1 N 2381	SJE	0,08	10 000.
1 N 2382...50	SJE	0,07	4 - 6 - 8 - 10 kV.
1 N 2482...4	SJE	0,75	200 - 400 - 600.
1 N 2485...9	SJE	0,75	200 - 300 - 400 - 500 - 600.
1 N 2501...4	SJM	0,15	800 - 1000 - 1200 - 1500.
1 N 2505...8	SJM	0,3	800 - 1000 - 1200 - 1500.

1 N 2609...17	SJM	0,75	50 - 100 - 200 - 300 - 400 - 500 - 600 - 800 - 1000.
1 N 2858...64	SJM	0,75	50 - 100 - 200 - 300 - 400 - 500 - 600.
1 N 2887, 91, 97	SJE	0,25	1500 - 2000 - 2500.
1 N 2901, 05, 11	SJE	0,25	3000 - 3500 - 4000.
1 N 2915, 19, 21	SJE	0,25	4500 - 5000 - 5500.
1 N 2923, 25	SJE	0,25	6000 - 6500.
1 N 2901, 11, 19, 23	SJE	0,25	3000 - 4000 - 5000 - 6000 - 8000 - 10 000 - 12 000.
1 N 3072...81	SJM	0,2	50 - 100 - 150 - 200 - 250 - 300 - 350 - 400 - 500 - 600.
1 N 3082...4	SJM	0,5	200 - 400 - 600.
1 N 3189...91	SJM	1,25	200 - 400 - 600.
1 N 3193...6	SJM	0,75	200 - 400 - 600 - 800.
1 N 3208...14	SJB	15	50 - 100 - 200 - 300 - 400 - 500 - 600.
1 N 3260...66	SJB	160	50 - 100 - 150 - 200 - 250 - 300 - 350.
1 N 3267...73	SJB	160	400 - 500 - 600 - 700 - 800 - 900 - 1000.
1 N 3282...86	SAV	0,1	1000 - 1500 - 2000 - 2500 - 3000.
1 N 3289...96	SJB	100	200...1200, di cento in cento.
1 N 3491...95	SJP	25	10 - 100 - 200 - 300 - 400.
1 N 3544...9	SJV	0,6	100 - 200 - 300 - 400 - 500 - 600.
1 N 3569...74	SJB	3,5	100 - 200 - 300 - 400 - 500 - 600.
1 N 3611...14	SJE	1	240 - 480 - 720 - 900.
1 N 3639...42	SJM	0,75	200 - 400 - 600 - 800.
1 N 3649, 50	SDB	3,3	800 - 1000.
1 N 3659...63	SJP	30	50 - 100 - 200 - 300 - 400.
1 N 3670...3	SJB	12	700 - 800 - 900 - 1000.
1 N 3736...42	SJB	250	200 - 300 - 400 - 500 - 600 - 800 - 1000.
1 N 3670...73 A	SJB	12	700 - 800 - 900 - 1000.
1 N 3765...68	SJB	35	700 - 800 - 900 - 1000.
1 N 3874...78	SDB	6	50 - 100 - 200 - 300 - 400. - tr < 0,2 µs.
1 N 3879...83	SDB	6	50 - 100 - 200 - 300 - 400. - tr < 0,2 µs.
1 N 3889...93	SDB	12	50 - 100 - 200 - 300 - 400. - tr < 0,2 µs.
1 N 3899...03	SDB	20	50 - 100 - 200 - 300 - 400. - tr < 0,2 µs.
1 N 3909...13	SDB	30	50 - 100 - 200 - 300 - 400. - tr < 0,2 µs.
1 N 3938...42	SAB	2	200 - 400 - 600 - 800 - 1000.
1 N 3987...90	SJB	6	700 - 800 - 900 - 1000.
1 N 4001...07	SDE	1	50 - 100 - 200 - 400 - 600 - 800 - 1000.

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1 N 4044...50	SJB	275	50 - 100 - 150 - 200 - 250 - 300 - 400.
1 N 4051...56	SJB	275	500 - 600 - 700 - 800 - 900 - 1000.
1 N 4139...46	SJM	3	50 - 100 - 200 - 400 - 600 - 800 - 1000 - 1200.
1 N 4264...69	SDM	1	100 - 200 - 300 - 400 - 500 - 600.
1 N 4374	SDM	1	1500.
1 N 4383...6	SJM	1	200 - 400 - 600 - 800 - 1000.
1 N 4506...11	SAB	12	200 - 400 - 600 - 800 - 1000 - 1200.
1 N 4525...30	SAB	35	200 - 400 - 600 - 800 - 1000 - 1200.
1 N 4585, 6	SJV	0,6	800 - 1000.
1 N 4719...25	SJM	3	50 - 100 - 200 - 300 - 400 - 500 - 600 - 800 - 1000.
1 N 4816...22	SJE	1,5	50 - 100 - 200 - 300 - 400 - 500 - 600.
1 N 4997...5003	SJM	3	50 - 100 - 200 - 300 - 400 - 500 - 600 - 800 - 1000.
1 N 5052...4	SJE	1,5	700 - 800 - 1000.
1 N 5059...62	SJV	1	200 - 400 - 600 - 800.
1 RM 80, 150, 200	SJE	0,5	8000 - 15 000 - 25 000.
1 S 020...27	SJM	1,5	100 - 200 - 300 - 400 - 500 - 600 - 700.
1 S 100, 1, 3, 5, 7, 9	SJM	0,75	100 - 200 - 400 - 600 - 800 - 1000.
1 S 410, 1, 3, 5, 7	SJB	3	100 - 200 - 400 - 600 - 800.
1 S 420, 1, 3, 5, 7	SJB	10	100 - 200 - 400 - 600 - 800.
2 AF 05, 1, 2, 4	SJP	12	50 - 100 - 200 - 400.
2 C (*)	SJB	20	(*) V _M × 100 V (200...1000 V). - Cogie.
2 E (*)	SJE	0,3	(*) V _M × 100 V (100...400 V). - I. R.
3 C (*)	SJB	30	(*) V _M × 100 V (200...1000 V). - Cogie.
3 F (*)	SJB	3	(*) V _M × 10 V (50...1000 V). - I. R.
5 E (*)	SJE	0,5	(*) V _M × 100 V (100...400 V). - I. R.
6 F (*)	SJB	6	(*) V _M × 10 V (50...1000 V). - I. R.
6 RM (*)	SJE	1,5	(*) V _M × 100 V.
8 C (*)	SJB	80	(*) V _M × 100 V (200...1600 V). - Cogie.
10 C (*)	SJB	100	(*) V _M × 100 V (200...1600 V). - Cogie.
10 D (*)	SJE	1	(*) V _M × 100 V (100...1000 V). - I. R.
10...18 J 2	SJM	0,5	50 - 100 - 200 - 300 - 400 - 500 - 600 - 800. - SESCO.

10...15 R 2	SJB	17,5	50 - 100 - 200 - 300 - 400 - 500. - SESCO.
12 F (*)	SJB	12	(*) V _M × 10 V (50...1000 V). - I. R.
15 C (*)	SJB	150	(*) V _M × 100 V (200...1000 V). - Cogie.
16 F (*)	SJB	16	(*) V _M × 10 V (50...1000 V). - I. R.
20 C (*)	SJB	200	(*) V _M × 10 V (2000...1600 V). - Cogie.
20 C (*)	SJM	2	(*) V _M × 100 V (100...1000 V). - I. R.
22, 24, 26, 28			
30 R 2	SJB	20	200 - 400 - 600 - 800 - 1000. - SESCO.
25 C (*)	SJB	250	(*) V _M × 100 V (200...1000 V). - Cogie.
26, 28, 30 R 2 S	SAB	20	600 - 800 - 1000.
31, 2, 4, 6, 8 R 2	SJB	35	100 - 200 - 400 - 600 - 800. - SESCOSEM.
36, 38, 40 R 2 S	SAB	35	600 - 800 - 1000. - SESCOSEM.
40 C (*)	SJB	400	(*) V _M × 100 V (200...1200 V). - Cogie.
42, 44, 46, 48 R 2	SJB	6	200 - 400 - 600 - 800. - SESCO.
46, 48, 50 R 2 S	SAB	6	600 - 800 - 1000. - SESCO.
62...67 J 2	SJV	0,4	200 - 300 - 400 - 500 - 600 - 700. - SESCO.
62, 64, 66, 68 R 2	SJB	10	200 - 400 - 600 - 800. - SESCO.
66, 68, 70 R 2 S	SAB	10	600 - 800 - 1000. - SESCO.
70 H (*)	SJB	70	(*) V _M × 10 V (50...1000 V). - I. R.
162...169 J 2	SAE	0,4	200 - 300 - 400 - 500 - 600 - 700 - 800 - 900. - SESCO.
250 WAR (*)	SAB	250	(*) V _M × 10 V (1200...2000 V). - I. R.
384 (*)	SJE	1,5	{ (*) A = 50, B = 100, C = 150, D = 200,
388 (*)	SJE	1	{ F = 300, H = 400, K = 500, M = 600,
398 (*)	SJE	3	{ P = 700, S = 800, Z = 1000. - Westinghouse.
536...547 J 2 F	SJM	0,75	50 - 100 - 200 - 300 - 400. - SESCO.
1095, 6 J 2 F	SJM	0,75	500 - 600. - SESCO.

DIODI PER SEGNALI E DI COMMUTAZIONE

Tipo	Tecnologia	V _{max} I _{max} (V) (mA)	Osservazioni
AA 111	GCV	40/10	F.M.
AA 112	GCV	20/45	F.M.
AA 113	GCV	65/50	F.M.
AA 114	GCV	25/30	Video
AA 116	GCV	30/24	H.F.
AA 117	GCV	115/50	U.G.
AA 118	GCV	115/50	(1)
AA 119	GCV	45/35	H.F.
AA 121	GCV	25/30	H.F.
AA 123	GCV	18/30	F.M.
AA 130	GCV	10/20	U.G.
AA 131	GCV	25/25	U.G.
AA 132	GCV	110/150	U.G.
AA 133	GCV	140/150	U.G.
AA 134	GCV	70/150	U.G.
AA 135	GMV	30/500	U.G.
AA 136	GMV	60/500	U.G.
AA 137	GCV	40/25	H.F.
AA 138	GCV	25/25	H.F.
AA 139	GMV	20/200	U.G.
AA 143	GOV	25/60	F.M.
AA 144	GOV	90/60	—
AAY 13	GOV	25/50	C.
AAY 18	GCE	55/75	4 M.
AAY 21	GCV	15/20	C.R.
AAY 27	GCV	25/75	(3)
AAY 28	GCV	100/50	(4)
AAY 41	GPV	30/500	C.
AAY 43	GCE	25/75	4 M.

Tipo	Tecnologia	V _{max} I _{max} (V) (mA)	Osservazioni
AAY 46	GCE	70/75	4 M.
AAY 48	GOV	10/50	C.R.
AAY 49	GOV	40/200	C. (26)
AAY 53	GCC	40/50	U.H.F.
AAY 54	GCC	40/50	U.H.F.
AAY 55	GCC	40/50	V.H.F.
AAZ 10	GCV	30/30	C.
AAZ 12	GJV	30/100	C.R.
AAZ 13	GOV	20/200	(9)
AAZ 14	GCE	30/15	4 M.
AAZ 15	GOV	100/150	(8)
AAZ 17	GOV	50/150	(7)
AAZ 18	GOV	20/180	C.
AD 10	SMV	10/40	—
AD 30	SMV	30/40	—
AD 50	SMV	50/40	—
AD 100	SMV	100/40	—
AD 150	SMV	150/40	—
AD 200	SMV	200/40	—
AE 10	SMV	10/60	—
AE 30	SMV	30/60	—
AE 50	SMV	50/60	—
AE 100	SMV	100/60	—
AE 150	SMV	150/60	—
AE 200	SMV	200/60	—
BA 100	SJS	60/90	U.G.
BA 103	SMM	6/200	U.G.
BA 104	SMM	100/190	U.G.
BA 105	SMM	300/150	U.G.

Tipo	Tecnologia	V _{max} I _{max} (V) (mA)	Osservazioni
BA 108	SMM	50/190	U.G.
BA 127	SMV	60/100	U.G.
BA 128	SPV	75/50	—
BA 129	SPV	200/50	—
BA 130	SPV	30/10	—
BA 133	SJE	1000/200	Flash
BA 136	SPV	50/100	Int.
BA 137	SPV	150/100	(2)
BA 145	S—V	350/300	(31)
BA 147/(*)	S—V	(*)/150	U.G.
BA 148	S—E	300/300	(31)
BA 152	SPV	15/100	(29)
BA 157	SJE	400/250	C.
BA 158	SJE	600/250	Flash
BA 159	SJE	1000/250	(31)
BA 164	SPV	20/10	—
BA 165	SPV	20/100	(30)
BA 170	SJV	20/150	U.G.
BA 173	SDV	300/300	(31)
BA 176	S—V	100 —	(33)
BA 177	SDV	50/100	(29)
BA 178	SPE	35/100	(29)
BA 180	SCS	10/50	(18)
BA 181	SCS	20/50	(19)
BA 182	SPE	35/100	(30)
BA 243	SPV	20/100	(29)
BA 244	SPV	20/100	(30)
BAV 10	SPV	60/300	Mem.
BAV 17	SPV	25/250	U.G.

Tipo	Tecnologia	$V_{max} I_{max}$ (V) (mA)	Osservazioni
BAV 18	SPV	60 250	U.G.
BAV 19	SPV	120 250	U.G.
BAV 20	SPV	180 250	U.G.
BAV 21	SPV	250 250	U.G.
BAW 21	SJV	75 100	(17)
BAW 24	SPV	25 150	C.R.
BAW 25	SPV	55 150	C.R.
BAW 26	SPV	25 150	C.R.
BAW 27	SPV	40 150	C.R.
BAW 28	SPS	30 200	C.R.
BAW 32 A	SMV	200 60	(32)
BAW 32 B	SMV	150 60	(32)
BAW 32 C	SMV	100 60	(32)
BAW 32 D	SMV	50 60	(32)
BAW 32 E	SMV	10 60	(32)
BAW 62	SPV	75 75	C.R.
BAX 12	SAV	90 800	(17)
BAX 13	SDM	50 150	U.G.
BAX 16	SDM	150 300	U.G.
BAX 17	SDM	200 200	U.G.
BAX 20	SPV	35 115	U.G.
BAX 21	SPV	75 115	U.G.
BAX 22	SPV	125 115	U.G.
BAX 28	S-M	25 115	C.R. (5)
BAX 30	S-M	25 115	C.R. (6)
BAX 33	SPE	30 10	2 × (11)
BAX 34	SPE	30 10	2 × (12)
BAX 35	SPE	30 10	2 × (13)
BAX 36	SPE	75 50	2 × (11)
BAX 37	SPE	75 50	2 × (12)
BAX 38	SPE	75 50	2 × (13)
BAX 39	SPE	30 10	4 × (11)
BAX 40	SPE	30 10	4 × (12)
BAX 41	SPE	30 10	4 × (13)
BAX 42	SPE	75 50	4 × (11)
BAX 43	SPE	75 50	4 × (12)
BAX 44	SPE	75 50	4 × (13)

Tipo	Tecnologia	$V_{max} I_{max}$ (V) (mA)	Osservazioni
BAX 45...51	SPM	60 500	(14)
BAX 52, 53	SPM	60 500	4 P.
BAX 54, 55	SPM	60 500	4 M.
BAX 56...73	SPM	60 500	(15)
BAX 79	SPS	50 400	C.R.
BAX 83	SPS	100 75	C.R.
BAX 84, 5	SPS	50 75	C.R.
BAX 86 A	SPS	50 75	C.R.
BAX 86 B	SPS	30 75	C.R.
BAX 87	SPS	40 75	U.G.
BAX 88	SPS	20 75	U.G.
BAX 89 A	SPS	20 75	C.R.
BAX 89 B	SPS	45 75	C.R.
BAX 90	SPS	45 75	C.R.
BAX 91 A	SPS	50 75	C.R.
BAX 91 B, C	SPS	50 50	C.R.
BAX 92...4	SPS	50 75	C.R.
BAY 17	SMS	15 200	—
BAY 18	SMS	60 200	—
BAY 19	SMS	120 200	—
BAY 20	SMS	180 200	—
BAY 21	SMS	300 125	U.G.
BAY 31	SPV	15 100	C.R.
BAY 32	SPV	150 170	—
BAY 38	SPV	50 115	C.R.
BAY 39	SPV	75 450	Mem.
BAY 41	SPV	40 225	C.R.
BAY 42	SPV	60 225	C.R.
BAY 43	SPV	80 225	C.R.
BAY 44	SPS	50 200	—
BAY 45	SPS	150 200	—
BAY 46	SPS	200 200	—
BAY 60	SPV	25 115	C.R.
BAY 63	SPV	50 200	C.R.
BAY 67	SDV	35 200	Int.
BAY 68	SDV	30 200	C.R.
BAY 69	SDV	50 200	C.R.

Tipo	Tecnologia	$V_{max} I_{max}$ (V) (mA)	Osservazioni
BAY 71	SPV	50 115	C.R.
BAY 72	SPV	125 375	—
BAY 73	SPV	125 200	U.G.
BAY 74	SPV	50 300	—
BAY 77	S-V	30 200	C.R.
BAY 82	SPV	15 50	C.R.
BAY 86	SDV	60 250	U.G.
BAY 87	SDV	120 250	U.G.
BAY 88	SDV	350 250	U.G.
BAY 89	SDV	500 250	U.G.
BAY 90	SDV	800 250	U.G.
BAY 91	SDV	1500 250	U.G.
BAY 92	SDV	600 100	C.
BAY 93	SDV	25 75	C.R.
BAY 94	SPS	35 115	C.R.
BAY 95	SPS	75 200	C.R.
BAY 98	SPV	150 200	U.G.
EA 403	SPV	35 150	C.R.
EB 383	SPV	75 225	U.G.
EC 401	SPV	100 225	(16)
EC 402	SPV	50 225	(16)
FS 19	GO	25 150	C.
FS 36	GCV	30 30	C.
ITT 600	SPV	75 200	C.R.
ITT 601	SPV	50 200	C.R.
ITT 700	SPV	30 50	C.R.
ITT 777	SPV	15 50	C.R.
MC 19	SDV	150 200	—
MC 51	SDV	300 200	—
MC 114	SDV	50 75	C.R.
MM 1	SDV	50 50	Mod.
OA 5	GOV	100 115	U.G.
OA 7	GOV	25 140	C.
OA 9	GOV	25 270	C.
OA 47	GOV	25 110	C.
OA 70	GCV	22 50	Video
OA 73	GCV	30 50	Video

Tipo	Tecnologia	V_{max} I_{max} (V) (mA)	Osservazioni
OA 79	GCV	45 35	H.F.
OA 81	GCV	90 50	U.G.
OA 85	GCV	90 50	U.G.
OA 86	GCV	60 35	C.
OA 90	GCV	20 8	Video
OA 92	GCV	15 10	U.G.
OA 95	GCV	90 50	U.G.
OA 127	SMV	19 150	U.G.
OA 128	SMV	35 150	U.G.
OA 129	SMV	75 150	U.G.
OA 130	SMV	135 150	U.G.
OA 131	SMV	230 150	U.G.
OA 132	SMV	320 150	U.G.
OA 150	GCV	110 75	U.G.
OA 154 Q	GCV	55 75	M.A.
OA 159	GCV	40 25	H.F.
OA 160	GCV	25 25	H.F.
OA 161	GCV	140 75	U.G.
OA 172	GCV	40 10	F.M.
OA 174	GCV	70 75	U.G.
OA 180	GOV	30 400	C.
OA 182	GMV	100 500	U.G.
OA 182 B	GME	70 500	4 P.
OA 182 R	GME	75 150	4 M.
OA 200	S-V	50 160	U.G.
OA 202	S-V	150 160	U.G.
RF 100, 1 SV	S-V	35 300	(29)
SFD 43	SPV	30 75	U.G.
SFD 80	SPV	15 75	U.G.
SFD 83	SPV	25 75	C. (20)
SFD 86	SPV	150 150	(28)
SFD 88	SPV	200 150	(28)
SFD 89	SPV	180 150	(28)
SFD 104	GCV	25 30	Video
SFD 105	GCV	30 90	C. (21)
SFD 106	GCV	25 30	Video
SFD 108	GCV	115 50	U.G.(22)

Tipo	Tecnologia	V_{max} I_{max} (V) (mA)	Osservazioni
SFD 112	GCV	40 20	H.F.
SFD 118 A	GOV	10 100	C.R.(23)
SFD 121	GOV	10 100	C. (24)
SFD 122	GOV	25 150	C. (25)
SFD 129 B	GOV	40 200	C. (26)
SFD 143	SMV	70 75	U.G.
SFD 180	SPV	50 160	U.G.(27)
SFD 181	SPV	150 80	U.G.
SFD 183	SPV	70 75	C.R.
SFS 185	SMV	50 200	C.
TID 31, 33	SPS	50 150	C.R.
TID 32, 34	SPS	75 150	C.R.
TID 35, 37	SPS	50 150	C.R.
TID 38	SPS	75 150	C.R.
TID 40	SDS	250 225	C.
TID 41	SDS	200 225	C.
TID 42, 43	SDS	150 225	C.
TID 44	SDS	100 225	C.
1 N 34 A	GCV	60 30	U.G.
1 N 38 A	GCV	100 30	U.G.
1 N 43	GCV	60 30	U.G.
1 N 48	GCV	70 50	U.G.
1 N 51	GCV	40 30	U.G.
1 N 52	GCV	70 50	U.G.
1 N 54 A	GCV	50 30	U.G.
1 N 58 A	GCV	100 30	U.G.
1 N 60	GCV	25 30	—
1 N 63	GCV	100 30	U.G.
1 N 64	GCV	15 30	U.G.
1 N 65	GCV	70 50	U.G.
1 N 66	GCV	50 30	U.G.
1 N 68 A	GCV	100 30	U.G.
1 N 69	GCV	60 30	U.G.
1 N 70 A	GCV	100 30	U.G.
1 N 75	GCV	70 50	U.G.
1 N 81	GCV	40 30	U.G.
1 N 126 A	GCV	75 30	U.G.

Tipo	Tecnologia	V_{max} I_{max} (V) (mA)	Osservazioni
1 N 127 A	GCV	125 30	U.G.
1 N 128	GCV	50 30	U.G.
1 N 191	GCV	70 30	U.G.
1 N 192	GCV	50 30	U.G.
1 N 198	GCV	100 30	U.G.
1 N 251	SDS	30 75	C.
1 N 270	GOV	100 90	U.G.
1 N 277	GOV	100 150	U.G.
1 N 294	GCV	60 30	—
1 N 295	GCV	40 35	—
1 N 456	SMS	30 135	U.G.
1 N 457	SMS	60 110	U.G.
1 N 458	SMS	150 80	U.G.
1 N 459	SMS	200 60	U.G.
1 N 461	SMS	30 90	U.G.
1 N 462	SMS	70 75	U.G.
1 N 463	SMS	200 50	U.G.
1 N 464	SMS	150 60	U.G.
1 N 482	SMS	40 100	U.G.
1 N 483	SMS	80 100	U.G.
1 N 484	SMS	150 100	U.G.
1 N 485	SMS	200 100	U.G.
1 N 541, 2	GCV	45 35	U.G.
1 N 625	SDS	20 20	C.
1 N 626	SDS	35 20	C.
1 N 627	SDS	75 20	C.
1 N 628	SDS	125 20	C.
1 N 629	SDS	175 20	C.
1 N 636	GCV	45 30	U.G.
1 N 643	SDS	175 40	C.
1 N 659	SDS	50 100	C.
1 N 660	SDS	100 100	C.
1 N 661	SDS	200 100	C.
1 N 662	SDS	80 40	C.
1 N 663	SDS	80 40	C.
1 N 914	SDS	75 75	C. (10)
1 N 915	SDS	50 75	C.

Tipo	Tecnologia	$V_{\max} I_{\max}$ (V) (mA)	Osservazioni
4 N 916	SDS	75 75	C.
1 N 917	SDS	30 50	C.
1 N 929	SDV	20 250	U.G.
1 N 930	—	50 250	U.G.
1 N 995	GOV	10/40	C.R.
1 N 3062...6	SPS	50/75	—
1 N 3067	SPS	20 50	—
1 N 3068	SPS	20 75	C.R.
1 N 3069	SPS	50 75	C.R.
1 N 3070	SPS	175 100	C.R.
1 N 3071	SPS	150/225	C.R.
1 N 3124	SDV	40 50	C.R.
1 N 3595	SPV	125 225	(16)
1 N 3596	SMV	20 30	C.R.
1 N 3600	SPV	50 200	C.R.
1 N 3602	SMV	75 20	C.R.
1 N 3603	SMV	45 30	C.R.
1 N 3604	SPV	50 200	C.R.
1 N 3605	SPS	40 150	C.R.
1 N 3606	SPS	75 150	—
1 N 4009	SPV	25 115	C.R.
1 N 4086	SMV	70 200	C.R.
1 N 4092	SDV	50 100	U.G.
1 N 4148	SPS	90 75	C.R.
1 N 4149	SPS	90 75	C.R.
1 N 4150	SPS	50 150	C.R.
1 N 4151	SPS	75 200	C.R.
1 N 4152	SPS	40 150	—
1 N 4153	SPS	75 150	—
1 N 4154	SPS	35 115	C.R.
1 N 4244	SMV	20 50	C.R.
1 N 4305	SPS	75 10	C.R.
1 N 4308	SPS	80 250	C.R.
1 N 4311	SPS	80 250	C.R.
1 N 4312	SPS	120 250	C.R.
1 N 4322	SMV	75 200	C.R.
1 N 4363	SMV	150 200	C.

Tipo	Tecnologia	$V_{\max}/I_{\max}$ (V) (mA)	Osservazioni
1 N 4376	SMV	20/60	C.R.
1 N 4444	SPS	70/100	C.R.
1 N 4445	SPS	75 10	C.R.
1 N 4446	SPS	90/150	C.R.
1 N 4447	SPS	90 150	C.R.
1 N 4448	SPS	90/150	C.R.
1 N 4449	SPS	90/75	C.R.
1 N 4450	SPS	40 200	C.R.
1 N 4451	SPS	40/300	C.R.
1 N 4452	SPS	40 600	C.
1 N 4454	SPS	75 75	C.R.
1 N 4531	SPS	75 10	C.R.
1 N 4532	SPS	75 10	C.R.
1 N 4533	SPS	40 20	C.R.
1 N 4534	SPS	75 20	C.R.
1 N 4536	SPS	35 30	C.R.
1 N 4606	SPS	85 250	C.R.
1 N 4607	SPS	85 400	C.R.
1 N 4608	SPS	85 450	C.R.
1 N 4727	SPS	30 20	C.R.
1 N 4863	SPS	70 100	C.R.
1 N 4864	SPS	125 100	—
1 N 4950	SMV	80 500	C.R.
1 N 5220	SPV	30 50	C.R.
1 N 5282	SMV	80 500	C.
1 N 5317	SMV	80 100	C.R.
1 N 5318	SMV	75 200	C.R.
1 N 5319	SMV	40 100	C.R.
12 P 2	SCV	200 60	C.
13 P 1	GOV	20 150	U.G.
13 P 2	SCV	200 40	C.
14 P 1	GOV	60 150	U.G.
14 P 2	SCV	150 40	C.
15 P 1	GOV	100 150	U.G.
15 P 2	SCV	100 40	C.
16 P 1	GOV	150 150	U.G.
16 P 2	SCV	50 40	C.

Tipo	Tecnologia	$V_{\max} I_{\max}$ (V) (mA)	Osservazioni
17 P 2	SCV	30/40	C.
18 P 2	SCV	10/40	C.
19 P 1	GOV	15/200	U.G.
19 P 2	SCV	10/60	C.
23 J 2	SCV	200/60	U.G.
24 J 2	SCV	150/60	U.G.
25 J 2	SCV	100/60	U.G.
25 P 1	GCV	50/25	U.G.
26 J 2	SCV	50/60	U.G.
26 P 1	GCV	50/50	U.G.
27 J 2	SCV	30/60	U.G.
27 P 1	GOV	35/100	U.G.
28 J 2	SCV	10/60	U.G.
28 P 1	GOV	40/100	U.G.
29 P 1	GOV	40/100	U.G.
30 P 1	GOV	35/150	U.G.
30 P 4	SMV	50/75	C.R.
31 P 1	GOV	100/150	U.G.
31 P 4	SMV	100/75	C.R.
33 P 1	GCV	30/30	U.G.
34 P 4	SPS	20/115	C.R.
35 P 1	GOV	75/200	U.G.
35 P 4	SPS	45/115	C.R.
36 P 4	SPS	90/115	C.R.
37 P 4	SPS	45/115	C.R.
85 P 1	GOV	100/150	U.G.
134 P 4	SPV	20/115	C.R.
135 P 4	SPV	45/115	C.R.
136 P 4	SPV	90/115	C.R.
137 P 4	SPV	45/115	C.R.

DIODI A CAPACITÀ VARIABILE

Tipo	V _{max} (V)	C _{min} C _{max} (pF)	Osser- vazioni
BA 101	25	8...50	—
BA 102	20	15...60	V.H.F.
BA 110	30	6,3...10	V.H.F.
BA 110 G	60	6...18	V.H.F.
BA 111	20	35...55	V.H.F.
BA 112	20	60...100	—
BA 121	30	4...15	U.H.F.
BA 124	30	25...80	V.H.F.
BA 125	30	18...40	H.F.
BA 138	30	5...22	V.H.F.
BA 139	28	3...22	U.H.F.
BA 140	28	3...22	V.H.F.
BA 141	30	2,5...12	U.H.F.
BA 142	30	2,7...14	V.H.F.
BA 149	50	3...7	U.H.F.
BA 150	25	25...55	V.H.F.
BA 161	30	2,5...12	U.H.F.
BA 162	30	2,5...13	V.H.F.
BA 163	14	10...200	H.F.
BAY 35	—	90...100	Mod.
BAY 70	30	3...8	—
BB 100	25	6...10	V.H.F.
BB 100 GVE	35	4...10	V.H.F.
BB 100 GBE	35	5...13	V.H.F.
BB 100 GRO	35	6...15	V.H.F.
BB 102	50	7...18	V.H.F.
BB 103	30	12...50	V.H.F.

Tipo	V _{max} (V)	C _{min} C _{max} (pF)	Osser- vazioni
BB 104	30	14...65	Doppio
BB 105 A	28	3...20	U.H.F.
BB 105 B	28	2...20	U.H.F.
BB 105 G	28	2...20	V.H.F.
BB 121	28	2...17	U.H.F.
BB 122	28	2...20	U.H.F.
BB 141	28	2...19	U.H.F.
BB 142	28	2...18	U.H.F.
BBY 10	35	3...15	H.F.
BBY 11	35	4...20	H.F.
BBY 12	35	7...30	H.F.
BBY 13	35	10...40	H.F.
BBY 14	35	15...60	H.F.
BBY 15	35	20...80	H.F.
MV 1401	12	40...550	H.F.
MV 1403	12	17...175	H.F.
MV 1404	12	12...120	H.F.
MV 1405	12	25...250	H.F.
MV 1652	20	47...120	H.F.
MV 1654	20	56...150	H.F.
MV 1656	20	68...180	H.F.
MV 1658	20	75...200	H.F.
MV 1660	20	82...220	H.F.
MV 1662	20	110...250	H.F.
MV 1664	20	120...270	H.F.
MV 1666	20	150...330	H.F.
RF 400	35	5...10	V.H.F.

Tipo	V _{max} (V)	C _{min} C _{n-ax} (pF)	Osser- vazioni
RF 401	35	3,5...7	V.H.F.
SC 47	25	690	« Transitron »
SC 56	20	800	
SC 68	15	930	
SC 82	15	1120	
SC 100	15	1440	
SC 120	15	1640	
SC 150	15	2000	
SC 180	13	2400	
SC 200	10	2600	
TF 145	20	4...11	V.H.F.
TIV 306	20	3...7	V.H.F.
TIV 307	20	4...9	V.H.F.
TIV 308	20	6...15	V.H.F.
1 N 5139	60	2,3...6,8	V.H.F.
1 N 5140	60	5,3...10	V.H.F.
1 N 5141	60	4,1...12	V.H.F.
1 N 5142	60	5,2...15	V.H.F.
1 N 5143	60	6,2...18	V.H.F.
1 N 5144	60	7,1...22	V.H.F.
1 N 5145	60	8,7...27	V.H.F.
1 N 5146	60	11...33	V.H.F.
1 N 5147	60	13...39	V.H.F.
1 N 5148	60	15...47	V.H.F.
1 N 5453, 73 A	30	18...56	H.F.
1 N 5454, 74 A	30	22...68	H.F.
1 N 5455, 75 A	30	27...82	H.F.
1 N 5456, 76 A	30	33...100	H.F.

DIODI DI STABILIZZAZIONE (Diodi Zener)

Tipo	P _D (W) a T (°C)	Tensione nominale in V (progressione secondo il numero di tipo) Osservazioni
AZ (*)	0,25/25a	(*) V _n in V, 3,3...13 V, serie E 24 ± 5 %. - LTT.
AZ (*)	0,25/25a	(*) V _n in V, 15...27 V, serie E 12 ± 10 %. - LTT. - Tipi A : ± 5 %.
BA 114	0,16/25a	< 0,8 V a 3 mA. - RTC.
BZ 0,9	0,25/25a	0,9 V a 5 mA. - LTT.
BZ (*)	0,25/25a	(*) V _n in V, 3,6...9,1 V, serie E 24 ± 5 %. - Bassa capacità. - LTT.
BZ 102 (*)	0,25/45a	(*) V _n in V, 0,7 - 1,4 - 2,1 - 2,8 - 3,4 V.
BZ 103...112	0,4/25a	6,8...33, serie E 12 ± 10 %. - Planare.
BZS (*)	0,2/25a	(*) V _n in V, 1,8...3,3 V, serie E 12 ± 12 %. - LTT.
BZX 10...27	0,4/25a	6,2...33 V, serie E 24, planare, vetro.
BZX 29 C (*)	1,5/25a	(*) V _n in V, 4,7...56 V, serie E 24 ± 5 %. - RTC.
BZX 30 C (*)	0,25/25a	(*) V _n in V, 3,3...27 V, serie E 24 ± 5 %. - Tipi BZX 30 D : ± 10 %.
BZX 33, 34*	0,2 25a	8,6. - T _k = 0,5 e * 0,1 mV/°C.
BZX 35	0,2 25a	10. - T _k = 1,5 mV/°C.
BZX 43, 4*, 5□	—	6,7. - T _k = 0,001, * 0,002 e □ 0,005 %.
BZX 46 C (*)	0,4/25a	(*) V _n in V, 5,1...24 V, serie E 24 ± 5 %. - Sescocem.
BZX 48, 9*, 50□	0,1/80a	6,5 V. - T _k = 65, * 130 e □ 325 μV/°C. - RTC.
BZX 51, 2, 3, 4	0,25/45a	8,6 V. - T _k = 0,01, 0,005, 0,002, 0,001 %/°C.
BZX 55 C (*)	0,4 25a	(*) V _n in V, 0,78 e 5,1...24 V, serie E 24 ± 5 %.
BZX 67 C (*)	10/45c	(*) V _n in V, 12...200 V, serie E 24 ± 5 %. - Telefunken.
BZX 69 C (*)	0,25 25a	(*) V _n in V, 7,5...12 V, serie E 24 ± 5 %. - Symétriques a ± 3 %.
BZX 71 C (*)	0,4 50a	(*) V _n in V, 5,1...24 V, s. E 24 ± 5 %. - Telefunken.
BZX 74 C (*)	0,4 25a	(*) V _n in V, 5,6...12 V, serie E 24 ± 5 %. - Silec.
BZX 83 C (*)	0,4 25a	(*) V _n in V, 5,1...24 V, s. E 24 ± 5 %. - Sescocem.

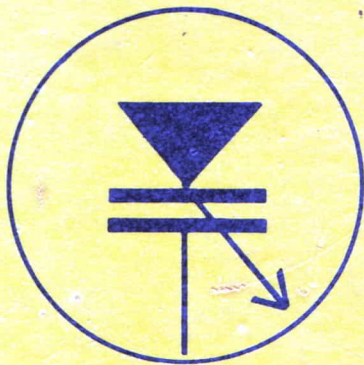
Tipo	P _D (W) a T (°C)	Tensione nominale in V (progressione secondo il numero di tipo) Osservazioni
BZX 85 V (*)	1/25a	(*) V _n in V, 5,1...24 V, s. E 24 ± 5 %. - Sescocem.
BZY 14...21	0,4/25a 3,5/25a*	5,6...22, serie E 12 ± 10 %. - * Sul radiatore 10 × 10 cm.
BZY 22, 23*, 24□, 25*	0,2/45a	8,4 (± 0,4) V a 5 mA. - T _k = 0,01. * 0,005. □ 0,002 e * 0,001 %/°C.
BZY 56...63	0,25/25a	4,7...9,1 serie E 24 ± 5 %.
BZY 64...69	0,25/25a	4,3 - 5,1 - 6,2 - 7,5 - 9,1 - 12 (± 10 %).
BZY 70, 71*	1/100a	8,1 V a 100 mA. - T _k = 0,002 e * 0,001 %/°C.
BZY 74...76	10/50c	6,25 - 7,5 - 9,2 (± 10 %).
BZY 78	0,28/25a	5,3. - T _k = 0,005 %/°C.
BZY 83 C, D (*)	0,25/25a 0,3/45a□	(*) V _n in V, 4,7...22 V, serie E 24 ± 5 % tipi C. ± 10 % tipi A. - □ Con alette.
BZY 85/C (*)	0,25/45a	(*) V _n in V, 2,7...33 V, serie E 24 ± 5 %.
BZY 85/D (*)	0,25/45a	(*) V _n in V, 4,7...22 V, serie E 12 ± 10 %.
BZY 87	0,2/45a	0,7. - Custodia vetro.
BZY 88 C (*)	0,4/25a	(*) V _n in V, 3,3...30 V, serie E 24 ± 5 %.
BZY 91 C (*)	60/50c	(*) V _n in V, 10...75 V, serie E 24 ± 5 %.
BZY 92 C (*)	1,1/45a	(*) V _n in V, 3,9...36 V, s. E 24 ± 5 %. - Telefunken.
BZY 93 C (*)	20/75c	(*) V _n in V, 8,2...75 V, serie E 24 ± 5 %. - RTC.
BZX 95 C (*)	1,5/25a	(*) V _n in V, 10...75 V, serie E 24 ± 5 %. - RTC.
BZX 96 C (*)	1,5/25a	(*) V _n in V, 4,7...9,1 V, serie E 24 ± 5 %. - RTC
BZZ 1,8, 2,2	0,2/25a	1,8 e 2,2 V a 5 mA. - LTT.
BZZ 10...13	0,23/45a	6 - 6,5 - 7,2 - 8 (± 15 %).
BZZ 14...29	10/50c	5,6...24 V, serie E 24 ± 5 %.
C 4011...29	0,4/25a	6,2...36 V, serie E 24 ± 10 %. - Centralab.
DZ (*) A	0,5/25a	(*) V _n in V, 10...82 V, serie E 12 ± 10 %. - Silec.
DZ (*) B	0,5/25a	(*) V _n × 10 V, 100...180 V, s. E 12 ± 10 %. - Silec.

Tipo	P _a (W) T (°C)	Tensione nominale in V (progressione secondo il numero di tipo) Osservazioni
EZ (*) A	1 25a	(*) V _n in V, 6,8...82 V, serie E 12 ± 10 %. - Silec.
EZ (*) B	1 25a	(*) V _n in decine di V, 100...180 V, s. E 12 ± 10 %.
FDZ (*) A	3 25c	(*) V _n in V, 10...82 V, serie E 12 ± 10 %. - Silec.
FDZ (*) B	3 25c	(*) V _n × 10 V, 100...180 V, s. E 12 ± 10 %. - Silec.
FPZ (*)	1 25a	(*) V _n in V, 5,6...12 V, serie E 24 ± 5 %. - Silec.
G 129, 130	—	0,6 V a 1 mA, < 1 V a 100 mA. - Cust. vetro.
GZ (*) A	10 75c	(*) V _n in V, 6,8...180 V, serie E 12 ± 10 %. - Silec.
KVR 8, 6, A	0,2 25a	8,6. - T _k < 0,5 e * < 0,1 mV/°C.
KVR 10	0,2 25a	10. - T _k < 1,5 mV/°C.
MD 1...4	—	0,7 - 1,4 - 2,1 - 2,7 a 10 mA. - Cust. vetro. - Silec.
M (*) Z	0,4 25a	(*) V _n in V, 9,1...33 V, s. E 24. - Cust. vetro. - Silec.
MZ (*) A, B	0,25 25a	(*) V _n in V, 5,6...180 V, serie E 12. - Cust. vetro. - Tipi B: V _{nom} × 10 V. - Silec.
MZ (*) T	0,75 25a	(*) V _n in V, 3,9...30 V, s. E 24 ± 10 e ± 5 %. - I. R.
OAZ 200...207	0,25 50a	4,7 - 5,1 - 5,6 - 6,2 - 6,8 - 7,5 - 8,2 - 9,1. - ± 5 %. - RTC.
OAZ 208...213	0,25 50a	4,3 - 5,1 - 6,2 - 7,5 - 9,1 - 12. - ± 20 %.
PZ (*) A	10 75c	(*) V _n in V, 6,8...180 V, serie E 12 ± 10 %. - Silec.
RV 6,2	0,25 25a	6,2. - T _k < +1 - 0,5 mV/°C.
RZ (*)	0,1 25a	(*) V _n in V, 3,3...27 V, serie E 24 ± 5 %.
RZ (*) A	20 100c	(*) V _n in V, 6,8...180 V, serie E 12 ± 10 %. - Silec.
TDZ 1, 2, 3	0,1 25a	5,6 - 6,5 - 10,6. - ± 10 %. - Fairchild. - B. TO 18.
TDZ 4, 5	0,1 25a	6,5 - 10,6. - ± 10 %. - Fairchild. - B. TO 5.
Z (*)	0,25 25a	(*) V _n in V, 3,3...33 V, serie E 24 ± 5 %. - LTT.
Z (*), K□	0,25 45a	(*) V _n in V, 1, 3, 4...22 V, ± 10 %. - □ 350 mW. - Intermetall.
ZC 0(*)	0,6 25a	(*) V _n in V, 8...33 V, ± 6 %. - Lucas.
ZC 20(*)	1,8 25a	(*) V _n in V, 8...33 V, ± 6 %. - Lucas.
ZC 50(*)	10 25c	(*) V _n in V, 8...99 V, ± 6 %. - Lucas.
ZC 7(*)	100 25c	(*) V _n in V, 8...99 V, ± 6 %. - Lucas.
ZC 240, 1	0,4 25a	24. - T _k = 0,01 e 0,005 %/°C. - Silec.
ZD (*)	—	(*) Ident. a tipi ZC «Lucas», salvo toller. ± 10 %.
ZD (*)	0,25 25a	(*) V _n in V, 6,8...56 V, serie E 12 ± 12 %. - LTT.
ZD (*)	1,1 45a	(*) V _n in V, 3,9...200 V, s. E 24 ± 5 %. - Intermetall.
ZE 1,5	—	1,5 V, 33 mA a 45 °C. - Cust. stamp. - Intermetall.
ZE 2	—	2 V, 22 mA a 45 °C. - Cust. stamp. - Intermetall.

Tipo	P _a (W) T (°C)	Tensione nominale in V (progressione secondo il numero di tipo) Osservazioni
ZE (*)	0,25 25a	(*) V _n in V, 6,9 - 9,4 - 12,7 - 17,2 - 23,2 - 31 V, ± 15 %. - Cust. vetro. - Fairchild.
ZF (*)	0,4 25a	(*) V _n in V, 2,7 a 33 V, ± 5 %. - C. vetro. - Intermetall.
ZF (*) A	1 25a	(*) V _n in V, 6,8...82 V, serie E 12 ± 10 %. - Silec.
ZF (*) B	1 25a	(*) V _n in decine di V, 100...180 V, serie E 12 ± 10 %. - Silec.
ZG (*)	0,4 25a	(*) V _n in V, 1, 2,7...33 V, ± 10 %. - Cust. vetro. - Intermetall.
ZL (*)	10 45a□	(*) V _n in V, 1,5...180 V, ± 10 %. - □ Rad. 100 cm ² . - Intermetall.
ZM (*)	1,1 45a	(*) V _n in V, 3,9...180 V, serie E 12 ± 10 %. - Intermetall.
ZP (*)	330 45a	(*) V _n in V, 2,7...33 V, ± 5 %. - Planare.
ZTK 11, 22, 33	0,3 25a	11 - 22 - 33 V ± 10 %. - T _k < 0,01 %/°C. - Intermet.
ZU (*)	1,3 25a	(*) V _n in V, 3,9...180 V, s. E 12 ± 10 %. - Intermet.
ZW (*)	0,6 90a	(*) V _n in V, 2,7...33 V, s. E 24 ± 5 %. - Intermetall.
ZX (*)	10 45a□	(*) V _n in V, 3,9...36 V, ± 5 %. - □ Radiat. 100 cm ² . - Intermetall.
ZY (*)	1,3 25a	(*) V _n in V, 3,9...200 V, s. E 24 ± 5 %. - Intermetall.
ZZ (*)	0,25 25a	(*) V _n in V, 3,3...33 V, serie E 24 ± 5 %. - Simmetrici. - LTT.
1 N 702...07	0,25 50a	2,6 - 3,5 - 4,1 - 4,9 - 5,8 - 7,1 (± 15 %). - Tipi A: ± 10 %. - Custodia vetro.
1 N 708...44	0,25 50a	5,6...180 V, serie E 24 ± 10 %. - Cust. vetro.
1 N 746...59	0,4 25a	2,4...12 V, serie E 24 ± 10 %. - Custodia vetro.
1 N 761...69	0,4 25a	4,8 - 5,6 - 7,1 - 9,1 - 11,5 - 12,3 - 16 - 19 - 24 (± 15 %). - Planare; Custodia vetro.
1 N 821, 2*, 3*	0,4 25a	6,2. - T _k = 0,01 e * 0,005 %/°C.
1 N 824, 5*, 6*	0,4 25a	6,2. - T _k = 0,005 e * 0,002 %/°C.
1 N 935, 6*, 7□	0,5 25a	9. - T _k = 0,01, * 0,005, □ 0,002 %/°C.
1 N 957...992	0,4 25a	6,8...200 V, serie E 24 ± 20 %.
1 N 1313...27	0,15 25a	8,8 - 10,5 - 12,8 - 15,8 - 19 - 23,5 - 28,5 - 35 - 41 - 49 - 58 - 71 - 88 - 105 - 128 (± 10 %). - Tipi A: ± 5 %.
1 N 1351...75	10 55c	10...100 V, serie E 24 ± 10 %. - Tipi A: ± 5 %.
1 N 1602...09	10 55c	6,8...27 V, serie E 12 ± 10 %.

Tipo	P _D (W) a T (°C)	Tensione nominale in V (progressione secondo il numero di tipo) Osservazioni
1 N 1735...42	0,2 a 1,6	6,2 - 12,4 - 18,6 - 24,8 - 31 - 37 - 43 - 50. - Tk = 0,01 %/°C. - Tipi A: 0,005 %/°C.
1 N 1816...36	10/50c	13...91 V, serie E 24 ± 10 o ± 5 %.
1 N 1957...68	0,25/25a	6,8...56 V, serie E 12 ± 12 %. -Custodia vetro
1 N 2804...46	50/55c	6,8...200 V, serie E 24 ± 20%. - Tipi A: ± 10 %, tipi B: ± 5 %. - Cust. TO 3.
1 N 2970...3015	10/55c	6,8...200 V, serie E 24 ± 20%. - Tipi A: ± 10 %, tipi B: ± 5 %.
1 N 3016...51	1/25a	6,8...200 V, serie E 24 ± 20%. - Tipi A: ± 10 %, tipi B: ± 5 %.
1 N 3154, 5*, 6□	0,4/25a	8,4. - Tk = 0,01, * 0,005 e □ 0,002 %/°C.
1 N 3305...50	50/75c	6,8...200 V, serie E 24 ± 20%. - Tipi A: ± 10 %, tipi B: ± 5 %.
1 N 3470...2	0,4/50a	2,4 - 2,7 - 3. - ± 10 %. - Tipi A: ± 5 %.
1 N 3496, 7, 8, 0	0,4/25a	6,2. - Tk = 0,005 - 0,002 - 0,001 - 0,01 %/°C.
1 N 3551...4	0,25/25a *	6,35. - ± 10, 5 o 2 %. - Tk = 0,001 o 0,005 %/°C.
1 N 3501...4	0,25/25a	3,3...47 V, serie E 24 ± 5 %.
1 N 3506...34	0,4/25a	6,8...100 V, serie E 24 ± 20%. - Tipi A: ± 10 %, tipi B: ± 5 %.
1 N 3785...3820	1,5/25a	6,8...200 V, serie E 24 ± 20%. - Tipi A: ± 10 %, tipi B: ± 5 %.
1 N 3821...30	1/25a	3,3...7,5 V, serie E 24 ± 10%. - Tipi A: ± 5 %.
1 N 3993...4000	10/55c	3,9...7,5 V, serie E 24 ± 10%. - Tipi A: ± 5 %.
1 N 4099...106	0,4/25a	6,8...12 V, s. E 24 ± 5 %. - Rum. < 20 µV/√Hz.
1 N 4107...35	0,25/25a	13...100 V, serie E 24 ± 5 %.
1 N 4158...93	1/25a	6,8...200 V, serie E 24 ± 20%. - Tipi A: ± 10 %, tipi B: ± 5 %.
1 N 4370...72	0,4/25a	2,4 - 2,7 - 3. - ± 10 %. - Types A: ± 5 %. - Rum. 20 µV/√Hz.
1 N 4460...96	1,5/30a	6,2...200 V, serie E 24 ± 5 %. -Custodia vetro
1 N 4549...56	50/75c	3,9...7,5 V, serie E 24 ± 20%. - Tipi A: ± 10 %, tipi B: ± 5 %.
1 N 4557...64	50/75c	3,9...7,5 V, serie E 24 ± 20%. - Tipi A: ± 10 %, tipi B: ± 5 %.

Tipo	P _D (W) a T (°C)	Tensione nominale in V (progressione secondo il numero di tipo) Osservazioni
1 N 4728...64	1/50a	3,3...100 V, serie E 24 ± 10 %. - Tipi A: ± 5 %. - Ricoperto.
1 N 4890...5	250/25a	6,35. - ± 5,2 o 1 %. - Tk = 0,001 o 0,0005 %/°C.
1 S 4006...4200	1,5/25a	6,8...200 V, sec. ult. cifre del codice di elenco, serie E 24 ± 10 %. - Tipi A: ± 5 %.
1 S 5015...5150	10/100c	15...150 V, sec. ult. cifre del codice di elenco, serie E 24 ± 10 %. - Tipi A: ± 5 %.
1 S 6006...6200	10/100c	6,8...200 V, sec. ult. cifre del codice di elenco, serie E 24 ± 10 %. - Tipi A: ± 5 %.
1 Z (*) T	1/25a	(*) Vn in V, 3,9...30 V, serie E 24 ± 10 o ± 20 % - I. R.
1 4 M (*) Z	250/25a	(*) Vn in V, 2,4...200 V, serie E 24 ± 20 %. - Tipi -10; ± 10 %, tipi -5; ± 5 %. - Motorola.
3 Z (*) T (□)	3,5/25c	(*) Vn in V, 3,9...30 V, serie E 24. - (□) = %. - I. R.
4 GZ (*) A	4/25c	(*) Vn in V, 10...82 V, serie E 12 ± 10 %. - Silec.
4 GZ (*) B	4/25c	(*) Vn in decine di V, 100...180 V, s. E 12 ± 5 %. - Silec.
10 Z (*) T (□)	10/25c	(*) Vn in V, 3,9...30 V, serie E 24. - (□) = %. - I. R.
11, 12, 13 Z 4	1/25a	3,5...5,5 - 4,5...6,5 - 5,5...7,5. - Sescocem.
14...17 Z 4	1/25a	6,5...9,5 - 8,4...11,6 - 10,3...13,7 - 12,2...16.
11...28 Z 6	1/25a	3,3...12 V, serie E 24 ± 12 %. - Tipi A: ± 6 %.
31...43 Z 6	0,2/25a	3,3...12 V, serie E 24 ± 6 %.
51...68 Z 6	4/25c	3,3...15 V, serie E 24 ± 12 %. - Tipi A: ± 6 %.
52...57 Z 4	4/25c	Vedi 12...17 Z 4. - Sescocem.
71...88 Z 6	25/25c	3,3...15 V, serie E 24 ± 12 %. - Tipi A: ± 6 %.
100, 4, 5 Z 4	1/25a	5...6 - 3,8...4,8 - 4,8...5,8. - Sescocem.
106, 7, 8 Z 4	1/25a	5,8...6,8 - 6,8...7,8 - 7,8...8,8. - Sescocem.
109, 10, 11 Z 4	1/25a	12...13,2 - 13,2...14,4 - 14,4...15,6. - Sescocem.
116...124 Z 6 F	1/25a	16 - 18 - 20 - 22 - 24. - ± 10 %. - Sescocem.
204...15 Z 4	4/25c	Vedi 104...115 Z 4.
650...655	150/25a	4,1 - 4,9 - 5,8 - 7,1 - 9 - 10. - ± 0,5 V. -Custodia metallica - T. I.



Unica nel suo genere, la presente raccolta di dati fornisce, sotto forma omogenea, le caratteristiche dei semiconduttori che, secondo le documentazioni dei fabbricanti, sono frequentemente espresse con notazioni e parametri differenti, ciò che rende disagevole il confronto completo e la scelta razionale.

La maggior parte di questa opera è consacrata ai transistori bipolari le cui caratteristiche dettagliate sono fornite secondo un ordine alfa-numerico. Segue ad essa una classificazione secondo le funzioni la quale permette di trovare sia il tipo corrispondente alle caratteristiche desiderate, sia l'equivalenza di un tipo che figura nella classificazione generale, e ciò con un sistema di tabelle di sostituzione che riunisce tutti i transistori di caratteristiche simili.

Per i transistori ad effetto di campo, la classificazione generale (alfanumerica) è completata dal disegno dei collegamenti e da una classificazione secondo le funzioni.

Infine sono riportate le caratteristiche essenziali dei diodi (raddrizzatori, di segnali, di commutazione, a capacità variabile, di stabilizzazione) sotto una forma particolarmente concisa.

La grande somma di sforzi che ha comportato la messa a punto di questa documentazione ha consentito di dotare i tecnici elettronici di un mezzo di lavoro di cui essi apprezzeranno giornalmente il vantaggio e la grande utilità.