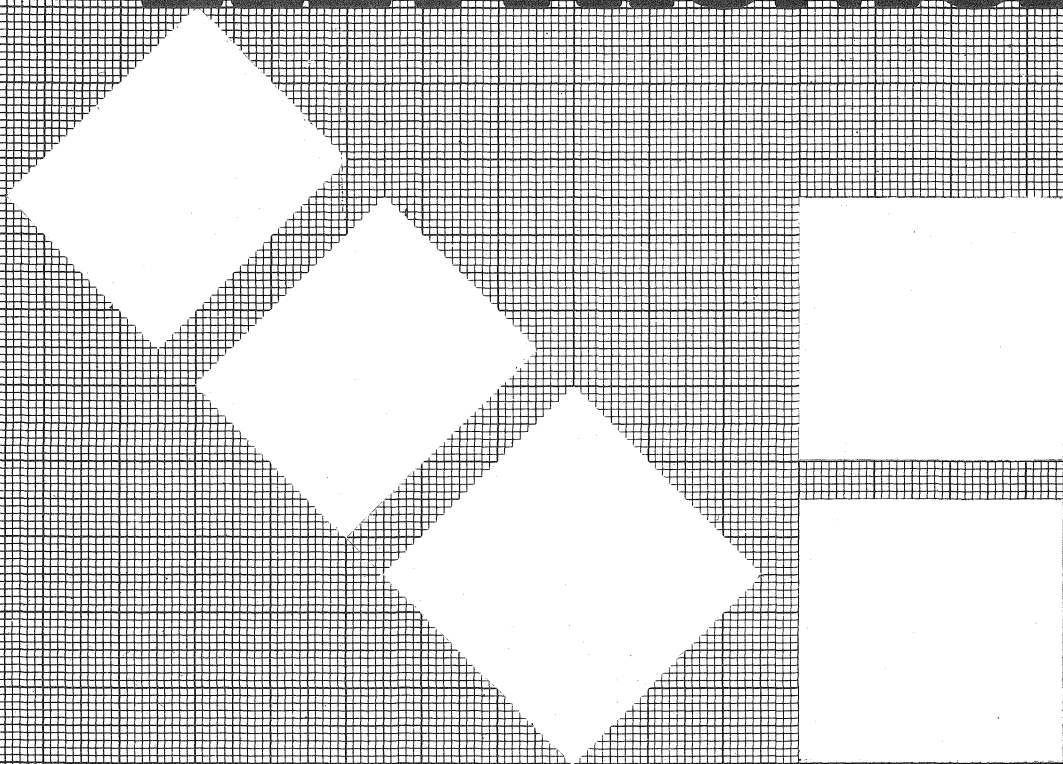


SELEZIONE RADIOTELEVISIONE

SEZIONE INIZIATIVE SPECIALI

3° INSERTO PER TECNICI ELETTRONICI



prima
parte

da staccare
e conservare

Il presente inserto ha lo scopo di agevolare le esigenze di lavoro dei radioriparatori e dei tecnici. E' esaminata una vasta gamma di transistori, delle maggiori Case costruttrici.

Per ogni transistor vengono rappresentate le possibili equivalenze in tre diverse caselle preferenziali che offrono una sicura possibilità di sostituzione con assoluto rispetto dei parametri e delle connessioni del componente da sostituire. Particolare interessante per ogni componente sono indicate le caratteristiche tecniche, il contenitore e la rispettiva zoccolatura.

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
AC121 IV V	SIE	G	P	AC152 IV V	AC153	AC152 VI	1,5	20	300	75	TO1	1
AC121 VI	SIE	G	P	AC152 IV V	AC153	AC152 VI	1,5	20	300	110	TO1	1
AC121 VII	SIE	G	P	AC152 IV V	AC153	AC152 VI	1,5	20	300	190	TO1	1
AC125	PH	G	P	AC162	AC163	AC188	1,7	12	100	100	TO1	1
AC125	OR	G	P	AC162	AC163	AC188	1,7	12	100	100	TO1	1
AC126	PH	G	P	AC163	AC151 VI	AC125	2,3	12	100	90	TO1	1
AC126	OR	G	P	AC163	AC151 VI	AC125	2,3	12	100	90	TO1	1
AC127	PH	G	N	AC176	AC181	AC187	2,5	12	500	100	TO1	1
AC127/128	PH	G	-	AC176/153		AC187/188	-	-	-	-	TO1	1
AC127/128	OR	G	-	AC176/153		AC187/188	-	-	-	-	TO1	1
AC127/128K	PH	G	-	AC176/153K		AC188/188K	-	-	-	-	TO1K	1
AC127/132	PH	G	-	AC176/153		AC180/181	-	-	-	-	TO1	1
AC127/152	SIE	G	-	AC176/153		AC187/188	-	-	-	-	TO1	1
AC128	PH	G	P	AC153	AC188	AC180	1,5	16	1 A	90	TO1	1
AC128	OR	G	P	AC153	AC188	AC180	1,5	16	1 A	90	TO1	1
2AC128	PH	G	P	2AC153	2AC188	2AC180	1,5	16	1 A	90	TO1	1
AC128K	OR	G	P	AC153K	AC188K	AC180K	1,5	16	1 A	90	TO1K	3
AC128K	PH	G	P	AC153K	AC188K	AC180K	1,5	16	1 A	90	TO1K	3
AC138	SGS	G	P	AC142	AC180	AC153 IV V	1,5	20	1,2A	250	TO1	1
AC141	SGS	G	N	AC176	AC181	AC187	3	18	1,2A	110	TO1	1
AC141B	SGS	G	N	AC176	AC181	AC187	3	15	1,2A	250	TO1	1
AC141K	SGS	G	N	AC187K	AC176K	AC181K	3	18	1,2A	110	TO1K	3
AC141/142	SGS	G	-	AC127/128	AC180/181	AC187/188	-	-	-	-	TO1	1
AC141/142K	SGS	G	-	AC127/128K	AC180/181	AC187/188	-	-	-	-	TO1K	3
AC142	SGS	G	P	AC138	AC153	AC128	1,5	20	1,2A	110	TO1	1
AC142K	SGS	G	P		AC153K	AC188K	1,5	20	1,2A	110	TO1K	3

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
AC151 IV V	SIE	G	P	AC163	AC152	AC142	1,5	24	200	75	TO1	1
AC151 VI	SIE	G	P	AC163	AC152	AC142	1,5	24	200	110	TO1	1
AC151 VII	SIE	G	P	AC163	AC152	AC142	1,5	24	200	170	TO1	1
AC151R	SIE	G	P	AC163	AC152	AC142	1,5	24	200	80	TO1	1
AC152 IV V	SIE	G	P	AC152 VI	ACY33	AC142	1,5	24	500	75	TO1	1
AC152 VI	SIE	G	P	ACY33	AC152 IV	AC142	1,5	24	500	110	TO1	1
AC153 V VI	SIE	G	P	AC153 VII	AC142	AC180	1,5	18	2 A	110	TO1	1
AC153 VII	SIE	G	P	AC153 V VI	AC180		1,5	18	2 A	190	TO1	1
AC153K V VI	SIE	G	P		AC180K	AC142K	1,5	18	2 A	110	TO1K	3
AC153K VII	SIE	G	P		AC180K	AC153K V	1,5	18	2 A	190	TO1K	3
AC153/176	SIE	G	-	AC180/181		AC141/142	-	-	-	-	TO1	1
AC153/176K	SIE	G	-	AC180/181 V K		AC141/142 K	-	-	-	-	TO1K	3
AC162	SIE	G	P	AC163	AC142	AC152 VI	1,7	24	200	110	TO1	1
AC163	SIE	G	P	AC162	AC180	AC151 VII	2,3	24	200	160	TO1	1
AC176	SIE	G	N	AC141	AC181	AC187	3	18	1 A	180	TO1	1
AC176	OR	G	N	AC141	AC181	AC187	3	18	1 A	180	TO1	1
AC176K	SIE	G	N	AC181K	AC187K		3	18	1 A	250	TO1K	3
AC176K	OR	G	N			AC187K	3	18	1 A	100	TO1K	3
AC180	MIS	G	P	AC180D	AC153	AC142	2,5	16	1,5A	110	TO1	1
AC180D	MIS	G	P	AC180	AC153	AC142	2,5	16	1,5A	250	TO1	1
2AC180	MIS	G	P		2AC188		25	16	1,5A	-	TO1	1
AC180K	MIS	G	P	AC153K V VI	AC142K	AC153K VII	2,5	16	1,5A	250	TO1K	3
2AC180K	MIS	G	P		2AC188K	2AC128K	2,5	16	1,5A	-	TO1K	3

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	I _C (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
AC180/181 VI	MIS	G	-	AC153/176	AC187/188		-	-	-	-	TO1	1
AC180/181K VI	MIS	G	-		AC141/142K		-	-	-	-	TO1	1
AC180/181K VII	MIS	G	-				-	-	-	-	TO1K	3
AC181	MIS	G	N	AC141	AC176	AC187	4,5	16	1 A	110	TO1	1
AC181D	MIS	G	N	AC141	AC176	AC187	4,5	16	1 A	-	TO1	1
2AC181	MIS	G	N				4,5	16	1 A	-	TO1	1
AC181K	MIS	G	N		AC176K	AC187K	4,5	16	1 A	150	TO1K	3
2AC181K	MIS	G	N				4,5	16	1 A	-	TO1K	3
AC184	MIS	G	P		AC128	AC142	2,5	16	500	110	TO1	1
AC184D	MIS	G	P	AC180D	AC128	AC142	2,5	16	500	250	TO1	1
AC184/185	MIS	G	-	AC180/181	AC187/188	AC127/128	-	-	-	-	TO1	1
AC185	MIS	G	N	AC141	AC187	AC127	4,5	16	500	110	TO1	1
AC185D	MIS	G	N	AC141	AC187	AC127	4,5	16	500	250	TO1	1
AC187	PH	G	N	AC141	AC181	AC194	5	15	1 A	500	TO1	1
AC187	OR	G	N	AC141	AC181	AC194	5	15	1 A	500	TO1	1
AC187K	PH	G	N	AC176K	AC181K	AC194K	5	15	1 A	200	TO1K	3
AC187K	OR	G	N	AC176K	AC181K	AC194K	5	15	1 A	200	TO1K	3
AC187K	SIE	G	N	AC176K	AC181K	AC194K	5	15	1 A	200	TO1K	3
AC187K	SGS	G	N	AC176K	AC181K	AC194K	5	15	1 A	200	TO1K	3
AC187/188	PH	G	-		AC127/128	AC153/176	-	-	-	-	TO1	1
AC187/188	OR	G	-		AC127/128	AC153/176	-	-	-	-	TO1	1
AC187/188	SGS	G	-		AC127/128	AC153/176	-	-	-	-	TO1	1
AC187/188K	PH	G	-		AC141/142K	AC153/176K	-	-	-	-	TO1K	3

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	I _C (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
AC187/188K	SIE	G	-		AC141/142K	AC153/176K	-	-	-	-	TO1K	3
AC188	PH	G	P	AC142		AC128	1,5	15	1 A	500	TO1	1
AC188	SGS	G	P	AC193		AC128	1,5	15	1 A	500	TO1	1
2AC188	PH	G	P		2AC128		1,5	15	1 A	-	TO1	1
AC188K	PH	G	P	AC180K	AC142K	AC128K	1,5	15	1 A	200	TO1K	3
2AC188K	PH	G	P		2AC128K		1,5	15	1 A	-	TO1K	3
AC188K	SIE	G	P	AC180K	AC142K	AC128K	1,5	15	1 A	200	TO1K	3
AC193	SGS	G	P	AC188	AC128	AC180	3	15	1 A	200	TO1	1
AC193K	SGS	G	P	AC188K			3	15	1 A	200	TO1K	3
AC193/194	SGS	G	-		AC187/188	AC127/128	-	-	-	-	TO1	1
AC194	SGS	G	N	AC176	AC181	AC187	5	15	1 A	200	TO1	1
AC194K	SGS	G	N	AC176K	AC181K	AC187K	5	15	1 A	200	TO1K	3
ACY11	SIE	G	-				-	-	-	-	-	-
ACY12	SIE	G	-				-	-	-	-	-	-
ACY15	SIE	G	-				-	-	-	-	-	-
ACY23 V	SIE	G	P	ACY32 V	ACY33 VII	ACY33 V VI	1,5	30	200	100	TO1	1
ACY23 VI	SIE	G	P	ACY32 VI	ACY33 V VI	AC162	1,5	30	200	150	TO1	1
ACY25	SIE	-	-				-	-	-	-	-	-
ACY32 V	SIE	G	P	ACY23 V	ACY33 V	AC162	1,5	30	200	100	TO1	1
ACY32 VI	SIE	G	P	ACY23 VI	ACY33 V	AC162	1,5	30	200	150	TO1	1
ACY33 V VI	SIE	G	P	ACY23 VI	ACY32 V	ACY32 VI	1,5	30	1 A	110	TO1	1
ACY33 VII	SIE	G	P	ACY23 VI	ACY32 V	ACY32 VI	1,5	30	1 A	190	TO1	1
AD130 III	SIE	G	P	AD142	AD150 IV V	AL103	0,35	30	3 A	100	TO3	5
AD130 IV V	SIE	G	P	AD142	AD150 IV V	AL103	0,35	30	3 A	100	TO3	5
AD131 III	SIE	G	P	AL102	AL103	AD163	0,35	45	3 A	100	TO3	5
AD131 IV V	SIE	G	P	AL102	AL103	AD163	0,35	45	3 A	100	TO3	5

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
AD132 III	SIE	G	P	AL102	AL112	AD163	0,35	60	3 A	100	TO3	5
AD132 IV	SIE	G	P	AL102	AL112	AD163	0,35	60	3 A	100	TO3	5
AD132 V	SIE	G	P	AL102	AL112	AD163	0,35	60	3 A	100	TO3	5
AD133 III	SIE	G	P	AUY29 IV	AD133 IV		0,30	32	15 A	60	TO41	45
AD133 IV	SIE	G	P	AUY29 IV	AD133 III		0,30	32	15 A	60	TO41	45
AD136 III IV	SIE	G	P			(AUY18 IV)	0,30	30	10 A	100	TO8	16
AD139		G	P	AD263	AD163		0,5	32	1 A	-	MD11	4
2AD139	PH	G	P			(2AD263)	0,5	32	1 A	-	MD11	4
AD142	SGS	G	P	BDX64	BDX66		0,45	50	10 A	200	TO3	6
2AD142	SGS	G	P			(2BDX64)	-	50	10 A	-	TO3	6
AD143	SGS	G	P	AD142	BDX64	MJ2955	0,45	25	10 A	200	TO3	6
2AD143	SGS	G	P	(2AD142)			-	25	10 A	-	TO3	6
AD148 IV V	SIE	G	P	AD263	AD262		0,45	25	3,5A	100	SOT9	4
AD149	PH	G	P		AD142	AD143	0,50	30	3,5A	100	TO3	6
AD149	OR	G	P		AD142	AD143	0,50	30	3,5A	100	TO3	6
2AD149	PH	G	P	2AD142	2AD143		0,50	30	3,5A	-	TO3	6
AD149	SIE	G	P	AD150 IV V	ADY27		0,50	30	3,5A	100	TO3	6
AD150 IV V	SIE	G	P	AD149	ADY27		0,45	30	3,5A	100	TO3	5
AD161	PH	G	N	BD163	AD142	AD143	3	20	3 A	320	SOT9	4
AD161	OR	G	N	BD163	AD142	AD143	3	20	3 A	320	SOT9	4
AD161	SIE	G	N	BD163	AD142	AD143	3	20	3 A	320	SOT9	4
AD161/162	PH	G	I				-	-	-	-	SOT9	4
AD161/162	OR	G	I				-	-	-	-	SOT9	4
AD161/162	SIE	G	I				-	-	-	-	SOT9	4
AD162	PH	G	P	AD262	AD263	AD148 IV V	1,5	20	3 A	300	SOT9	4
AD162	OR	G	P	AD262	AD263	AD148 IV V	1,5	20	3 A	300	SOT9	4

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
AD162 V VI	SIE	G	P	AD262	AD263	AD148 IV V	1,5	20	3 A	300	SOT9	4
AD163 III	SIE	G	P	AD163 IV	BDX62A	AUY34 III	0,35	80	3 A	60	TO3	5
AD163 IV	SIE	G	P	AD163 III	BDX62A	AUY34 IV	0,35	80	3 A	60	TO3	5
AD262	SGS	G	P	AD263	AL112	AL113	0,32	20	4 A	100	SOT9	4
AD262/ BD162	SGS	-	-	AD263/ BD163		AD161/162	-	-	-	-	SOT9	4
AD263	SGS	G	P	AL113	AL112		0,27	40	4 A	180	SOT9	4
AD263/ BD163	SGS	-	-	AD262/ BD162		AD161/162	-	-	-	-	SOT9	4
ADY10	SIE	G	P	ADY12			0,35	30	50	70	TO8	16
ADY11	SIE	G	P	ADY13	ADY20		0,35	45	50	50	TO8	16
ADY12	SIE	G	P	ADY10			0,35	30	50	100	TO8	16
ADY13	SIE	G	P	ADY11	ADY20		0,35	45	50	70	TO8	16
ADY19	SIE	G	-				-	-	-	-	-	-
ADY20	SIE	G	P	ADY13	ADY11		-	45	50	100	TO8	16
ADY27 IV	SIE	G	P	AD149	AD130	AD131	0,45	30	1 A	100	TO3	5
AF106	PH	G	P	AFY16	AFY37	AF121	220	18	10	50	TO72	23
AF106	SIE	G	P	AFY16	AFY37	AF121	220	18	10	50	TO72	23
AF106	SGS	G	P	AFY16	AFY37	AF121	220	18	10	50	TO72	23
AF109	PH	G	P	AF106	(AF139)	(AF239)	280	15	10	50	TO72	23
AF109	SIE	G	P	AF106	(AF139)	(AF239)	280	15	10	50	TO72	23
AF109	SGS	G	P	AF106	(AF139)	(AF239)	280	15	10	50	TO72	23
AF121	PH	G	P	AFY42	BC137		270	25	10	30	TO18	19
AF124	PH	G	P	AF139	AF239	AF240	75	15	10	150	TO72	24
AF125	PH	G	P	AF139	AF239	AF240	75	15	10	150	TO72	24
AF127	PH	G	P	AF139	AF239	AF240	75	15	10	150	TO72	24

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
AF139	PH	G	P	AF240	AF239	AFY16	550	15	10	40	TO72	23
AF139	OR	G	P	AF240	AF239	AFY16	550	15	10	40	TO72	23
AF139	SGS	G	P	AF239	AF240	AFY16	550	15	10	40	TO72	23
AF239	OR	G	P	AF239S	BF240	BF272A	650	15	15	40	TO72	23
AF239	SGS	G	P	AF239S	BF240	BF272A	650	15	15	40	TO72	23
AF239S	OR	G	P	BFR38	BF240	BF272A	780	15	15	40	TO72	23
AF239S	SIE	G	P	BFR38	BF240	BF272A	780	15	15	40	TO72	23
AF239S	SGS	G	P	BFR38	BF240	BF272A	780	15	15	40	TO72	23
AF240	PH	G	P	BFR38	AFY37	AF239	650	15	10	25	TO72	23
AF240	SIE	G	P	BFR38	AFY37	AF239	650	15	10	-	TO72	23
AF279	SIE	G	P	AF279S			780	15	10	50	TO50	46
AF279S	TFK	G	P		AF279		820	15	10	45	TO50	46
AF279S	SIE	G	P		AF279		820	15	10	45	TO50	46
AF280S	SIE	G	P	AF279	AF279S		550	15	10	25	TO50	46
AF367	PH	G	P	AF379			600	15	10	-	SOT 37/1	74
AF379	PH	G	P		AF367		900	15	10	80	SOT 37/1	74
AF379	SIE	G	P		AF367		900	15	10	80	SOT 37/1	74
AFY12	SIE	G	P	AF109	AF106	AF139	230	18	10	50	TO72	23
AFY16	SIE	G	P	AF139	AFY39	AFY42	550	25	10	40	TO72	23
AFY18	SIE	G	P	BFY64	BC396	AF239	245	25	10	220	TO5	8
AFY37	SIE	G	P	AFY39	BFR38	AFY42	600	32	20	40	TO72	23
AFY39	SIE	G	P	AFY37	AFY37	AFY42	500	32	30	85	RO96	24
AFY42	SIE	G	P	AFY37	AFY39	BF271	700	25	10	44	TO18	17

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
AL102	SGS	G	P	BDX62A	BDX62B	MJ2955	4	60	6 A	250	TO3	6
2AL102	SGS	G	P	2MJ2955		(2BDX62A)	4	60	6 A	-	TO3	6
AL103	SGS	G	P	AL102	BDX62A	MJ2955	3	40	6 A	250	TO3	6
AL112	SGS	G	P	2N5954	2N5955		3	60	6 A	200	SOT9	4
AL113	SGS	G	P	AL112	2N5956	2N5955	3	40	6 A	200	SOT9	4
ASY11	SIE	G	-				-	-	-	-	TO1	1
ASY25	SIE	G	-				-	-	-	-	TO1	1
ASY26	PH	G	P	2N2904A	2N2905A	BCY40	8	15	200	50	TO5	8
ASY27	PH	G	P	2N2904A	2N2905A	BCY40	14	15	200	90	TO5	8
ASY28	PH	G	N	ASY29	ASY73	2N697	14	15	200	50	TO5	8
ASY29	PH	G	N	ASY28	ASY73	2N697	20	15	200	90	TO5	8
ASY32	PH	G	P	ASY26	ASY27	ASY48	6	15	200	-	TO1	1
ASY37	SIE	G	-				-	-	-	-	TO1	1
ASY48 IV	SIE	G	P	BSX36	2N2906	2N2907	1,2	45	300	45	TO1	1
ASY48 V	SIE	G	P	ASY48 IV			1,2	45	300	75	TO1	1
ASY70 IV	SIE	G	P	ASY48 IV	2N2904	AC152 IV V	1,5	30	300	45	TO1	1
ASY70 V	SIE	G	P	ASY48 V	ASY48 IV	AC152 IV	1,5	30	300	75	TO1	1
ASY73	PH	G	N	ASY74	ASY75	2N2368	4	15	400	20	TO5	8
ASY74	PH	G	N	2N2368	2N2369	2N2368A	6	15	400	35	TO5	8
ASY75	PH	G	N	BC140	BC141	BC125	10	15	400	50	TO5	8
ASY77	PH	G	P	BC161	BFX40	BFX41	0,5	60	1000	20	TO5	8
ASY80	PH	G	P	BC460	BC160	BC161	0,7	40	1000	40	TO5	8
ASZ15	PH	G	P	MJ2955	BDX62B	BDX62A	0,2	60	8 A	55	TO3	6
ASZ15	OR	G	P	MJ2955	BDX62B	BDX62A	0,2	60	8 A	55	TO3	6
ASZ16	PH	G	P	ASZ17	ASZ18	BDX62A	0,2	32	8 A	130	TO3	6
ASZ16	OR	G	P	ASZ17	ASZ18	BDX62A	0,2	32	8 A	130	TO3	6

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
ASZ17	PH	G	P	ASZ16	ASZ18	BDX62A	0,22	32	8A	75	TO3	6
ASZ17	OR	G	P	ASZ16	ASZ18	BDX62A	0,22	32	8A	75	TO3	6
ASZ18	PH	G	P	ASZ16	ASZ17	BDX62A	0,22	32	8A	110	TO3	6
ASZ18	OR	G	P	ASZ16	ASZ17	BDX62A	0,22	32	8A	110	TO3	6
AT200 (AU106)	SGS	G	P	AU111	AU112		2	320	10A	-	TO3	6
AT201 (AU107)	SGS	G	P	AU113	AU106	AU111	2	200	10A	-	TO3	6
AT202 (AU108)	SGS	G	P				-	-	10A	-	TO3	6
AU108F	SGS	G	P	AU107	AU110	AU113	-	100	10A	200	TO3	6
AU110	SGS	G	P	B206/2	AU113	AU106	-	160	10A	90	TO3	6
AU111	SGS	G	P	AU106	AU112		2	320	10A	80	TO3	6
AU112	SGS	G	P	AU106	AU111		2	320	10A	40	TO3	6
AU113	SGS	G	P	AU111	AU106	B206/2	-	250	10A	80	TO3	6
AU206	SGS	G	P	(AU111)	(AU106)	(AU112)	2	320	10A	-	TO3	6
AU210	SGS	G	P	(AU110)	B206/2	(AU113)	-	160	10A	-	TO3	6
AU210 (AU213)	SGS	G	P	B206/2			-	250	10A	100	TO3	6
AU213	SGS	G	P	(AU113)	(AU111)	B206/2	-	250	10A	-	TO3	6
AUY14	SIE	G	-				-	-	-	-	TO41	45
AUY15	SIE	G	-				-	-	-	-	TO41	45
AUY16	SIE	G	-				-	-	-	-	TO41	45
AUY17	SIE	G	-				-	-	-	-	-	-
AUY18 IV	SIE	G	P			(AD136 III IV)	0,3	45	8A	100	TO8	16
AUY19 III	SIE	G	P	MJ2955	AUY34 III	BDX62A	0,35	45	3A	100	TO3	5

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
AUY19 IV	SIE	G	P	MJ2955	AUY34 III	BDX62A	0,35	45	3A	100	TO3	5
AUY20 III	SIE	G	P	MJ2955	AUY34 IV	BDX62A	0,35	60	3A	100	TO3	5
AUY20 IV	SIE	G	P	MJ2955	AUY34 IV	BDX62A	0,35	60	3A	100	TO3	5
AUY21 III	SIE	G	P	MJ2955	AUY21 IV		0,30	45	10A	60	TO41	45
AUY21 IV	SIE	G	P	MJ2955	AUY21 III		0,30	45	10A	60	TO41	45
AUY22 III	SIE	G	P	MJ2955	ASZ15		0,30	60	8A	60	TO41	45
AUY22 IV	SIE	G	P	MJ2955	ASZ15		0,30	60	8A	60	TO41	45
AUY29 IV	SIE	G	P	MJ2955	BDX66		0,30	32	15A	100	TO41	45
AUY34 III	SIE	G	P	MJ2955	AD163	BDX62A	0,35	80	3A	60	TO3	5
AUY34 III	SIE	G	P	MJ2955	AD163	BDX62A	0,35	80	3A	60	TO3	5
B206/2	SGS	S	P	(AU110)	AU210	(AU113)	-	160	10A	90	TO3	6
BC107	SIE	S	N	BC207	BC337	BC547	300	45	100	125	TO18	17
BC107B	PH	S	N	BC207B	BC337	BC547	300	45	100	330	TO18	17
BC107B	SGS	S	N	BC207B	BC337	BC547	300	45	100	330	TO18	17
BC108	SIE	S	N	BC208	BC238	BC548	300	20	100	125	TO18	17
BC108B	MOT	S	N	BC208B	BC238B	BC548B	300	20	100	330	TO18	17
BC108B	PH	S	N	BC208B	BC238	BC548	300	20	100	330	TO18	17
BC108B	OR	S	N	BC208B	BC238B	BC548B	300	20	100	330	TO18	17
BC108B	MIS	S	N	BC208B	BC238B	BC548B	300	20	100	330	TO18	17
BC108B	SGS	S	N	BC208B	BC238B	BC548B	300	20	100	330	TO18	17
BC109	SIE	S	N	BC209	BC239	BC549	300	20	100	240	TO18	17
BC109	OR	S	N	BC209	BC239	BC549	300	20	100	240	TO18	17
BC109B	PH	S	N	BC209B	BC239B	BC549B	300	20	100	330	TO18	17
BC109B	MIS	S	N	BC209B	BC239B	BC549B	300	20	100	330	TO18	17
BC109B	SGS	S	N	BC209B	BC239B	BC549B	300	20	100	330	TO18	17
BC109C	SGS	S	N	BC209B	BC239B	BC549B	300	20	100	600	TO18	17

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	I _C (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BC110	SIE	S	N	BSX26	BSX21	BC639	100	80	50	70	TO18	17
BC113	SGS	S	N	BC183	BC110	BC237	60	25	50	330	TO18	17
BC114	SGS	S	N	BC113	BC110	BC184	20	25	50	200	TO18	17
BC115	SGS	S	N	BC116A	BC119	BC211	80	30	200	200	TO5	14
BC116A	SGS	S	X	BC211 139	BFX17 35	BC327 396	200	40	600	70	TO5	14
BC117	SGS	S	N		BF156	BF157	40	120	10	30	TO5	15
BC118	SGS	S	N	BC134	BC135	BC237	350	45	50	110	TO18	17
BC119	SGS	S	N	BC120	BC286	BC140	100	30	1 A	40	TO5	8
BC120	SGS	S	N	BC119	BC286	BC140	100	30	1 A	20	TO5	8
BC121	SIE	S	N	BC122	BC123		50	5	75	900	U32	93
BC122	SIE	S	N	BC123			50	20	75	150	U32	93
BC123	SIE	S	N			BC122	50	30	75	150	U32	93
BC125	SGS	S	N	BC119	BC120	BC107	100	30	600	20	TO5	14
BC126	SGS	S	P	BC139	BC313	BC137	200	30	600	20	TO5	14
BC132	SGS	S	N	BC108	BC109	BC110	80	25	50	280	TO18	17
BC134	SGS	S	N	BC135	BC118	BC107B	350	45	50	230	TO18	17
BC135	SGS	S	N	BC135	BC118	BC107B	350	45	50	110	TO18	17
BC137	SGS	S	P	2N2906	BC636	2N2907	200	40	600	85	TO18	17
BC138	SGS	S	N	BC144	2N2102	BFR19	100	40	1 A	100	TO5	8
BC139	SGS	S	P	BC313	BC287	BC137	200	40	600	40	TO5	8
BC140	SIE	S	N	BC286	BC141	BC144	50	40	1 A	250	TO39	35
BC140	SGS	S	N	BC286	BC141	BC144	50	40	1 A	250	TO39	35
BC140/160	SIE	S	I	BC141/161			-	-	-	-	TO39	35
BC141	SIE	S	N	BFR19	BFX74A	BC441	50	60	1 A	250	TO39	35
BC141	SGS	S	N	BFR19	BFX74A	BC441	50	60	1 A	250	TO39	35

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	I _C (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BC141/10	MIC	S	N	BFR19	BFX74A	BC441	50	60	1 A	20	TO39	35
BC141/161	SIE	S	I				-	-	-	-	TO39	35
BC144	SGS	S	N	BC138	BC286	BC140	100	40	1 A	40	TO5	8
BC146	PH	S	N				150	20	50	220	SOT42	51a
BC147	PH	S	N		BC547	BC107	300	45	100	125	SOT25	70
BC147	SIE	S	N		BC547	BC107	300	45	100	125	SOT25	70
BC147B	TFK	S	N		BC547	BC107	300	45	100	330	SOT25	70
BC148	PH	S	N	BC147	BC149	BC107	300	20	100	125	SOT25	70
BC148	SIE	S	N	BC147	BC149	BC107	300	20	100	125	SOT25	70
BC149	PH	S	N	BC147	BC148	BC107	300	20	100	240	SOT25	70
BC149	SIE	S	N	BC147	BC148	BC107	300	20	100	240	SOT25	70
BC153	SGS	S	P	BC137	BC154	BC139	70	40	50	135	TO18	17
BC154	SGS	S	P	BC137	BC153	BC139	70	40	50	330	TO18P	17p
BC157	PH	S	P	BC204	BC212	BC137	150	45	100	75	SOT25	70
BC157	SIE	S	P	BC204	BC212	BC137	150	45	100	75	SOT25	70
BC158	PH	S	P	BC157	BC204	BC212	150	25	100	75	SOT25	70
BC158	SIE	S	P	BC157	BC204	BC212	150	25	100	75	SOT25	70
BC159	PH	S	P	BC157	BC158	BC204	150	20	100	125	SOT25	70
BC159	SIE	S	P	BC157	BC158	BC204	150	20	100	125	SOT25	70
BC159	SGS	S	P	BC157	BC158	BC204	150	20	100	125	SOT25	70
BC160	SIE	S	P	BC161	BC287	BC460	50	40	1 A	250	TO39	35
BC160	SGS	S	P	BC161	BC287	BC460	50	40	1 A	250	TO39	35
BC160/10	MIC	S	P	BC161	BC287	BC460	50	40	1 A	63	TO39	35
BC161	SIE	S	P	BC461	BC287	BC638	50	60	1 A	63	TO39	35
BC161	FSC	S	P	BC461	BC287	BC638	50	60	1 A	250	TO39	35

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	I _C (mA)	β HFe	Contenitore	Fig. N.
		GS	NPN/PNP									
BC161	SGS	S	P	BC461	BC287	BC638	50	60	1 A	63	TO39	35
BC167	SIE	S	N	BC237	BC107	BC550	250	45	100	180	TO92	51
BC168	SIE	S	N	BC238	BC108	BC549	250	20	100	330	TO92	51
BC169	SIE	S	N	BC549	BC109	BC222	100	20	100	330	TO92	51
BC177	PH	S	P	BC204	BC327	BC212	150	45	100	240	TO18	18
BC177	OR	S	P	BC204	BC327	BC212	150	45	100	240	TO18	18
BC177	SIE	S	P	BC204	BC327	BC212	150	45	100	240	TO18	18
BC177	SGS	S	P	BC204	BC327	BC212	150	45	100	240	TO18	18
BC177A	MIC	S	P	BC204 A	BC327	BC212	150	45	100	180	TO18	18
BC177B	MIS	S	P	BC204 B	BC327	BC212	150	45	100	290	TO18	18
BC178	PH	S	P	BC177	BC327	BC204	150	25	100	240	TO18	18
BC178	OR	S	P	BC177	BC327	BC204	150	25	100	240	TO18	18
BC178	SGS	S	P	BC177	BC204	BC204B	150	25	100	240	TO18	18
BC178	SIE	S	P	BC177	BC327	BC204	150	25	100	240	TO18	18
BC178B	MIC	S	P	BC177 B	BC327	BC204B	150	25	100	290	TO18	18
BC178B	MIS	S	P	BC177 B	BC327	BC204B	150	25	100	290	TO18	18
BC179	MIC	S	P	BC205	BC206	BC178	150	20	100	240	TO18	18
BC179	PH	S	P	BC205	BC206	BC178	150	20	100	240	TO18	18
BC179	OR	S	P	BC205	BC206	BC178	150	20	100	240	TO18	18
BC179	SGS	S	P	BC205	BC206	BC178	150	20	100	240	TO18	18
BC179	SIE	S	P	BC205	BC206	BC178	150	20	100	240	TO18	18
BC179B	MIS	S	P	BC205B	BC206 B	BC178B	150	20	100	290	TO18	18
BC182	SIE	S	N	BC637	BC635	BC337	150	50	200	500	TO92	52
BC182	TEX	S	N	BC637	BC635	BC337	150	50	200	500	TO92	52
BC183	TEX	S	N	BC184	BC182	BC237	150	30	100	900	TO92	52

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	I _C (mA)	β HFe	Contenitore	Fig. N.
		GS	NPN/PNP									
BC184	TEX	S	N	BC183	BC182	BC237	150	30	100	900	TO92	52
BC200	PH	S	P	BC202	BC203		90	20	50	200	SOT42	51a
BC201	SIE	S	P	BC202	BC203		80	5	75	900	U32	93
BC202	SIE	S	P	BC203			80	30	75	630	U32	93
BC203	SIE	S	P	BC202			80	30	75	630	U32	93
BC204	MIC	S	P	BCY71	BC137	BC177	200	45	100	110	RO110	17
BC204	SGS	S	P	BCY71	BC137	BC177	200	45	100	110	RO110	17
BC204B	MIS	S	P	BCY71	BC137	BC177B	200	45	100	240	RO110	17
BC205	MIC	S	P	BC206	BC204	BC307	200	20	100	125	RO110	17
BC205	SGS	S	P	BC206	BC204	BC307	200	20	100	110	RO110	17
BC205B	MIS	S	P	BC206 B	BC204B	BC307B	200	20	100	110	RO110	17
BC205B	MIC	S	P	BC206 B	BC204B	BC307B	200	20	100	240	RO110	17
BC206	SGS	S	P	BC204	BC205	BC308	200	20	100	200	RO110	17
BC206B	MIS	S	P	BC204B	BC205B	BC308B	200	20	100	240	RO110	17
BC207	FSC	S	N	BC107	BSW42A	BC547	300	45	100	250	RO110	17
BC207	MIS	S	N	BC107	BSW42A	BC547	300	45	100	250	RO110	17
BC207	MIC	S	N	BC107	BSW42A	BC547	300	45	100	250	RO110	17
BC207	SGS	S	N	BC107	BSW42A	BC547	300	45	100	250	RO110	17
BC207B	MIC	S	N	BC107B	BSW42A	BC547	300	45	100	300	RO110	17
BC208	MIC	S	N	BC108	BC209C	BC548	300	20	100	370	RO110	17
BC208	SGS	S	N	BC108	BC209C	BC548	300	20	100	370	RO110	17
BC208B	MIS	S	N	BC108B	BC209C	BC548	300	20	100	300	RO110	17
BC208B	MIC	S	N	BC108B	BC209C	BC548	300	20	100	300	RO110	17
BC209	SGS	S	N	BC109	BC208	BC549	300	20	100	370	RO110	17
BC209B	MIS	S	N	BC109B	BC208B	BC549	300	20	100	300	RO110	17

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BC209C	MIS	S	N	BC109C	BC208C	BC549	300	20	100	550	RO110	17
BC211	MIS	S	N	BSV77	2N4046	BC138	200	40	1 A	70	TO5	8
BC212	SIE	S	P			BCY71	200	50	200	100	TO92	52
BC212	TEX	S	P			BCY71	200	50	200	100	TO92	52
BC214	TEX	S	P	BC212		BC231	200	30	200	140	TO92	52
BC221	SGS	S	P	BC396	BFY64	BC313	250	40	400	50	TO5	14
BC222	SGS	S	N			2N2221	350	30	400	20	TO92	52
BC225	SGS	S	P	BC177	BC137	BC204	80	40	100	90	TO18	17
BC231	TEX	S	P	BC327	BC328	BC636	-	30	400	100	TO92	51
BC232	TEX	S	N	BC337	BC338	BC637	-	30	400	100	TO92	51
BC237B	MIC	S	N	BC414	BC547	BC550	250	45	100	450	TO92	52
BC237	SIE	S	N	BC414	BC547	BC550	250	45	100	120	TO92	52
BC237	OR	S	N	BC414	BC547	BC550	250	45	100	120	TO92	52
BC238	SIE	S	N	BC548	BC549	BC108	250	20	100	120	TO92	52a
BC238	OR	S	N	BC548	BC549	BC108	250	20	100	120	TO92	52a
BC238B	MIC	S	N	BC549	BC548	BC109B	250	20	100	330	TO92	52a
BC239	SIE	S	N	BC549	BC548	BC109	300	20	50	180	TO92	52a
BC239	OR	S	N	BC549	BC548	BC109	300	20	50	180	TO92	52a
BC239C	MIC	S	N	BC549	BC548	BC109C	300	20	50	600	TO92	52a
BC257	SIE	S	P	BC556	BC557	BC327	130	45	100	260	TO92	52
BC258	SIE	S	P	BC558	BC556	BC557	130	25	100	500	TO92	52
BC259	SIE	S	P	BC558	BC556	BC557	130	20	50	500	TO92	52
BC269	SGS	S	N	BC270	BC337	BC338	200	20	500	500	TO18	39
BC270	SGS	S	N	BC269	BC637	BC337	200	20	500	-	TO18	39
BC282	SGS	S	N	2N2221	2N2222	2N2218	250	30	600	50	TO18	39

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
EC282/283	SGS	S	I							-	TO18	39
BC283	SGS	S	P	BC137	2N2906	2N2907	250	30	600	40	TO18	39
BC286	SGS	S	N	BC310	BC440	BC377	100	40	1 A	20	TO5	8
2BC286	SGS	S	N	2BC310	2BC440	2BC377	100	40	1 A	20	TO5	8
BC286	FSC	S	N	BC310	BC440	BC377	85	40	1 A	20	TO5	8
BC286/287	SGS	S	I	BC140/160	BC141/161					-	TO5	8
BC287	FSC	S	P	BC311	BC161	BC461	150	60	1 A	20	TO5	8
BC288	SGS	S	N	BFX34	BC323		100	40	5 A	30	TO5	8
2BC288	SGS	S	N	(2BFX34)	(2BC323)		100	40	5 A	-	TO5	8
BC297	SGS	S	P				150	45	1 A	75	TO18	39
BC298	SGS	S	P	BC297	2N4030		150	25	1 A	75	TO18	39
BC298 (BC178)	OR	S	P	BC297	2N4030		150	25	1 A	75	TO18	39
BC300	SGS	S	N	2N2405	BSX47	BCX40	120	80	500	140	TO39	35
BC301	SGS	S	N	BC300		BC395	120	60	500	240	TO39	35
BC302	SGS	S	N	BC301	BC300	BC286	120	45	500	240	TO39	35
BC303	SGS	S	P	BC287	BC311	2N3503	75	60	500	240	TO39	35
BC304	SGS	S	P	BC287	BC303	BC313	75	45	500	240	TO39	35
BC307B	MIC	S	P	BC557	BC212	BC327	130	45	100	330	TO92	52
BC307	SIE	S	P	BC557	BC212	BC327	130	45	100	70	TO92	52
BC307	OR	S	P	BC557	BC212	BC327	130	45	100	70	TO92	52
BC308	SIE	S	P	BC558	BC557	BC327	130	25	100	70	TO92	52
BC308B	MIC	S	P	BC558	BC557	BC327	130	25	100	330	TO92	52
BC308	OR	S	P	BC558	BC557	BC327	130	25	100	70	TO92	52
BC309	PH	S	P	BC257	BC212	BC308	130	20	50	120	TO92	52

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BC309	SIE	S	P	BC257	BC212	BC308	130	20	50	120	TO92	52
BC309	OR	S	P	BC257	BC212	BC308	130	20	50	120	TO92	52
BC310	SGS	S	N	BC286	BC144	BC141	85	45	1 A	110	TO5	8
BC311	SGS	S	P	BC287	BFX74A	2N4314	150	60	1 A	110	TO5	8
BC313	MIS	S	P	BFX74A	BC311	2N5855	200	40	1 A	20	TO5	8
BC317B	FSC	S	N	BC550	BC547	BC414	280	45	150	200	TO92	51
BC318	FSC	S	N	BC317B	BC222	BC214	280	20	150	110	TO92	51
BC319B	FSC	S	N	BC317B	BC222	BC214	280	20	150	450	TO92	51
BC320B	FSC	S	P		BC212	BC636	300	45	250	290	TO92	56
BC321	MOT	S	P	BC212	BC204	BC307	250	30	150	-	TO92	56
BC322B	FSC	S	P	BCY70	BCY71	BCY72	250	20	150	290	TO92	51
BC323	SGS	S	N	BUY68	BFX34		100	60	5 A	160	TO5	8
BC324	SGS	S	N	BFR19	2N3109	2N3110	85	55	1 A	20	TO5	8
BC327	PH	S	P		BC636	BC231	100	45	800	100	TO92	52
BC327	SIE	S	P		BC636	BC231	100	45	800	100	TO92	52
BC327	MIS	S	P		BC636	BC638	100	45	500	100	TO92	52
BC327/25	MIC	S	P		BC636	BC231	100	45	800	400	TO92	52
BC327/25	PH	S	P		BC636	BC231	100	45	800	400	TO92	52
BC327/25	SIE	S	P		BC636	BC231	100	45	800	400	TO92	52
BC328	PH	S	P	BC327	BC636		100	25	800	100	TO92	52
BC328	SIE	S	P	BC327	BC636		100	25	800	100	TO92	52
BC328	MIS	S	P	BC327	BC636		100	25	500	100	TO92	52
BC328/25	MIC	S	-				-	-	-	400	TO92	52
BC328/338	PH	S	-				-	-	-	-	TO92	52
BC328/388	SIE	S	-				-	-	-	-	TO92	52
BC337	PH	S	N	BC635	BC637		100	45	800	100	TO92	52

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BC337	SIE	S	N	BC635	BC637		100	45	800	100	TO92	52
BC337	NSC	S	N	BC635	BC637		100	45	500	100	TO92	52
BC338	PH	S	N	BC635	BC637	BC337	100	25	800	100	TO92	52
BC338	MIC	S	N	BC635	BC637	BC337	100	25	800	100	TO92	52
BC338	SIE	S	N	BC635	BC637	BC337	100	25	800	100	TO92	52
BC338	MIS	S	N	BC635	BC637	BC337	100	25	500	100	TO92	52
BC377	SGS	S	N	BSS26			200	45	1 A	75	TO18	17
BC378	SGS	S	N	BC377			200	25	1 A	75	TO18	17
BC393	SGS	S	P				100	200	50	50	TO18	17
BC394	SGS	S	N			(BF257)	54	140	100	50	TO18	17
BC395	SGS	S	N	BC639	2N5856	2N5858	85	70	500	40	TO5	14
BC396	SGS	S	P	2N5857	BC311	BFX40	250	70	500	35	TO5	14
BC400	SGS	S	P	BC393	BC477	BC640	70	80	50		TO18	17
BC413	SIE	S	N	BC550	BC547	BC546	250	30	100	240	TO92	52
BC413	MIS	S	N	BC550	BC547	BC546	250	30	100	240	TO92	52
BC414	SIE	S	N	BC550	BC547	BC237	250	45	100	240	TO92	52
BC414	MIS	S	N	BC546	BC547	BC337	250	45	100	240	TO92	52
BC415	SIE	S	P	BC416	BC307	BC204	200	35	100	222	TO92	52
BC415	MIS	S	P	BC416	BC307	BC204	200	35	100	222	TO92	52
BC416	SIE	S	P	BC212	BC307	BC204	200	45	100	222	TO92	52
BC416	MIS	S	P	BC212	BC307	BC204	200	45	100	222	TO92	52
BC440	SGS	S	N	BC441	BSS16	BSX62	50	40	2 A	250	TO39	39
BC441	SGS	S	N	BSS15	2N5320	BFX34	50	60	2 A	250	TO39	39
BC460	SGS	S	P	BC461	BSS18	2N5323	50	40	2 A	250	TO39	39
BC461	SGS	S	P	2N5322	BSS17		50	60	2 A	250	TO39	39

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP									Fig. N.
BC477 (BC177)	SGS	S	P	BC477A	BC640	BC177	70	80	150	50	TO18	17
BC477 VI (BC177 VI)	SGS	S	P	BC177	BC640		70	80	150	50	TO18	17
BC477A (BC177A)	SGS	S	P	BC177A	BC640		70	80	150	110	TO18	17
BC478 (BC178)	SGS	S	P	BC178	BC479	BCW76	70	40	150	110	TO18	17
BC478/A (BC178A)	SGS	S	P	BC178A	BC479	BCW76	70	40	150	110	TO18	17
BC478B (BC178B)	SGS	S	P	BC178C	BC479	BCW76	70	40	150	110	TO18	17
BC479 (BC179)	SGS	S	P	BC179	BC478	BCW76	70	40	150	200	TO18	17
BC479B (BC179B)	SGS	S	P	BC179B	BC478	BCW76	70	40	150	450	TO18	17
BC527-16	FSC	S	N				-	60	1 A	-	TO92	-
BC537-16	FSC	S	P				-	60	1 A	-	TO92	-
BC546	PH	S	N	BCY65	BC639	BC637	300	65	100	125	TO92	52
BC547	PH	S	N	BC550	BC207	BC635	300	45	100	125	TO92	52
BC547	MIS	S	N	BC550	BC207	BC635	300	45	100	125	TO92	52
BC547B	MIC	S	N	BC550	BC207	BC635	300	45	100	450	TO92	52
BC548	PH	S	N	BC546	BC547	BC207	300	30	100	125	TO92	52
BC548	MIS	S	N	BC546	BC547	BC207	300	30	100	125	TO92	52
BC549	PH	S	N	BC546	BC547	BC207	300	30	100	240	TO92	52
BC549	MIS	S	N	BC546	BC547	BC207	300	30	100	240	TO92	52

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP									Fig. N.
BC550	PH	S	N	BC547	BC207	BC546	300	45	100	240	TO92	52
BC550	MIS	S	N	BC546	BC547	BC207	300	45	100	240	TO92	52
BC556	PH	S	P	2N2906	2N2907A	2N3963	150	65	100	140	TO92	52
BC557	PH	S	P	BC416	BC327	BC556	150	45	100	140	TO92	52
BC557	MIS	S	P	BC547	BC207	BC546	150	45	100	140	TO92	52
BC558	PH	S	P	BC416	BC327	BC556	150	30	100	75	TO92	52
BC558	MIS	S	P	BC416	BC327	BC556	150	30	100	75	TO92	52
BC559	PH	S	P	BC416	BC327	BC556	150	30	100	125	TO92	52
BC559	MIS	S	P	BC416	BC327	BC556	150	30	100	125	TO92	52
BC560	MIS	S	P	BC416	BC327	BC556	150	45	100	220	TO92	52
BC635	PH	S	N	BC377	BC637	BC639	130	45	1 A	40	TO92	51
BC635	MIS	S	N	BC377	BC637	BC339	130	45	1 A	40	TO92	51
BC636	PH	S	P	BC638		BC327	50	45	1 A	40	TO92	51
BC636	MIS	S	P	BC638		BC327	50	45	1 A	40	TO92	51
BC637	PH	S	N	BC639			150	60	1 A	40	TO92	51
BC637	MIS	S	N	BC639			150	60	1 A	40	TO92	51
BC638	PH	S	P	BC640			50	60	1 A	40	TO92	51
BC638	MIS	S	P	BC640			50	60	1 A	40	TO92	51
BC639	PH	S	N				150	80	1 A	40	TO92	51
BC639	MIS	S	N				150	80	1 A	40	TO92	51
BC640	PH	S	P				50	80	1 A	40	TO92	51
BC640	MIS	S	P				50	80	1 A	40	TO92	51
BC727	FSC	-	-				-	-	-	-	-	-
BC728/25	FSC	-	-				-	-	-	-	-	-
BC737	FSC	-	-				-	-	-	-	-	-

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	I _C (mA)	β	Contenitore	
		GS	NPN/PNP								Fig. N.	
BC738/25	FSC						-	-	-	-	-	-
BCW29	PH	S	P	BCW30	BCW61		150	20	50	90	SOT23	68
BCW30	PH	S	P	BCW29	BCW61		150	20	50	150	SOT23	68
BCW31	PH	S	N	BCW32	BCW60	BCW33	300	20	50	90	SOT23	68
BCW32	PH	S	N	BCW31	BCW60	BCW33	300	20	50	150	SOT23	68
BCW33	PH	S	N	BCW31	BCW60	BCW32	300	20	50	270	SOT23	68
BCW60	SIE	S	N				250	32	100	200	SOT23	68
BCW61	SIE	S	P				180	32	100	-	SOT23	68
BCW65	SIE	S	N	BCW66			100	32	800	-	SOT23	68
BCW66	SIE	S	N				100	45	800	-	SOT23	68
BCW67	SIE	S	P	BCW68			100	32	800	-	SOT23	68
BCW68	SIE	S	P				100	45	800	-	SOT23	68
BCW69	PH	S	P	BCW70			100	45	50	90	SOT23	68
BCW70	PH	S	P	BCW69			150	45	50	150	SOT23	68
BCW71	PH	S	N	BCW72			300	45	50	90	SOT23	68
BCW72	PH	S	N	BCW71			300	45	50	150	SOT23	68
BCW73	SIE	S	N	2N2222	BCW74	2N2221	100	32	800	600	TO18	17
BCW74	SIE	S	N	BCW78	BC377	2N2221A	100	45	800	600	TO18	17
BCW75	SIE	S	P	BCW79	BCW76	BCW80	100	32	800	600	TO18	17
BCW76	SIE	S	P	BCW80	BC327		100	45	800	600	TO18	17
BCW77	SIE	S	N	2N2221	2N2222	BCW78	100	32	800	600	TO18	17
BCW78	SIE	S	N	BCW74	BC377	2N2221A	100	45	800	600	TO18	17
BCW79	SIE	S	P	BCW75	BCW80	BCW76	100	32	800	600	TO18	17
BCW80	SIE	S	P	BCW76	BC327		100	45	800	600	TO18	17
BCX17	PH	S	P	BCW68			100	45	500	100	SOT23	68

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	I _C (mA)	β	Contenitore	
		GS	NPN/PNP								Fig. N.	
BCX18	PH	S	P	BCW67	BCX17	BCW68	100	25	500	100	SOT23	68
BCX19	PH	S	N	BCX20	BCW66		200	45	500	100	SOT23	68
BCX20	PH	S	N	BCX19	BCW66		200	45	500	100	SOT23	68
BCX40	SGS	S	N	BSX63	BSS15	2N5320	50	80	2A	-	TO39	35
BCX70	SIE	S	N	BCX19	BCW66	BCX20	250	45	100	520	SOT23	68
BCX71	SIE	S	P		BCX17	BCW66	180	45	100	520	SOT23	68
BCY12	PH	S	P	ASY48 IV	ASY70 IV		2	32	250	-	RO8	1
BCY30	PH	S	P	BC396	BC287	BC303	1,2	64	100	25	TO5	14
BCY32	PH	S	P	2N5857	BC396	BC287	2,5	64	100	55	TO5	14
BCY33	PH	S	P	2N5855	BC160	2N2904	1,5	32	100	25	TO5	14
BCY34	PH	S	P	2N5857	2N2904	2N2905	2,5	32	100	35	TO5	14
BCY38	PH	S	P	2N2904	2N2905	BC160	1,5	32	250	27	TO5	8
BCY40	PH	S	P	2N2905	2N2904	BC160	2,5	32	250	50	TO5	8
BCY54	PH	S	P	2N2905A	2N2904A	BC396	2	50	500	50	TO5	8
BCY57	PH	S	N	BCY58	BC107	BCY59	350	20	100	500	TO18	17
BCY58	PH	S	N	BC222		BCY59	280	32	200	-	TO18	17
BCY58	SIE	S	N	BC222		BCY59	280	32	200	-	TO18	17
BCY58	SGS	S	N	BC222		BCY59	280	32	200	-	TO18	17
BCY59	PH	S	N	BSS26	BC211	BC377	280	45	200	-	TO18	17
BCY59	SIE	S	N	BSS26	BC211	BC377	280	45	200	-	TO18	17
BCY59A	SGS	S	N	BSS26	BC211	BC377	280	45	200	200	TO18	17
BCY59C	SGS	S	N	BSS26	BC211	BC377	280	45	200	330	TO18	17
BCY59D	SGS	S	N	BSS26	BC211	BC377	280	45	200	520	TO18	17
BCY65	SIE	S	N	BC546	BC639		300	60	100	260	TO18	17
BCY66	SIE	S	N	BC547	BCY59	BC550	300	45	50	330	TO18	17
BCY70	PH	S	P	BCY71	BC212	BCY79	250	40	200	325	TO18	17

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BCY71	PH	S	P	BCY79	BC212	BCY70	250	45	200	325	TO18	17
BCY72	PH	S	P	BCY78	BC212	BCY70	200	25	200	325	TO18	17
BCY77	SIE	S	P	BC287	BC311	BC638	180	60	100	125	TO18	17
BCY78	SIE	S	P	BCY71	BCY70	BCY79	180	32	200	125	TO18	17
BCY79	SIE	S	P	BCY71	BC212	BC287	180	45	200	125	TO18	17
BCY88	PH	S	N	BCY89			50	40	2x30	100	TO71	50
BCY89	PH	S	N	BCY88			50	40	2x30	100	TO71	50
BD111A	SGS	S	N		BDY92	BDY91	110	60	10A	100	TO3	6
BD115	MIC	S	N		BF259	BF258	145	180	150	60	TO39	35
BD115	PH	S	N		BF259	BF258	145	180	150	60	TO39	35
BD115	MIS	S	N		BF259	BF258	145	180	150	60	TO39	35
BD117	SGS	S	N	BDY39	BD130	2N3055	80	60	5A	330	TO3	6
BD130	SGS	S	N	2N3055	BDW51A	BDW51B	0,8	60	15A	70	TO3	6
BD130	MIS	S	N	2N3055	BDY39	BDY55	0,8	60	15A	70	TO3	6
BD131	PH	S	N	BD441	BD437	BD439	60	45	3A	100	TO126	62
BD131/132	PH	S	-				-	-	-	-	TO126	62
BD132	PH	S	P	BD442	BD438	BD440	60	45	3A	100	TO126	62
BD135	PH	S	N	BD137	BD233	BD235	250	45	500	250	TO126	62
BD135	SIE	S	N	BD137	BD233	BD235	250	45	500	250	TO126	62
BD135	MIS	S	N	BD137	BD233	BD235	250	45	500	250	TO126	62
BD135	Texas	S	N	BD137	BD233	BD235	250	45	500	250	TO126	62
BD135/136	PH	S	-	BD137/138	BD139/140		-	-	-	-	TO126	62
BD135/136	SIE	S	-	BD137/138	BC139/140		-	-	-	-	TO126	62
BD136	PH	S	P	BD234	BD227	BD138	75	45	500	250	TO126	62
BD136	SIE	S	P	BD234	BD227	BD138	75	45	500	250	TO126	62

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BD136	MIS	S	P	BD234	BD227	BD138	75	45	500	250	TO126	62
BD136	Texas	S	P	BD234	BD227	BD138	75	45	500	250	TO126	62
BD137	PH	S	N	BD235	BD228	BD137	250	60	500	160	TO126	62
BD137	SIE	S	N	BD235	BD228	BD137	250	60	500	160	TO126	62
BD137	MIS	S	N	BD235	BD228	BD137	250	60	500	160	TO126	62
BD137	Texas	S	N	BD235	BD228	BD137	250	60	500	160	TO126	62
BD137/138	PH	S	-	BD139/140			-	-	-	-	TO126	62
BD137/138	SIE	S	-	BD139/140			-	-	-	-	TO126	62
BD138	PH	S	P	BD236	BD229	BD140	75	60	500	160	TO126	62
BD138	SIE	S	P	BD236	BD229	BD140	75	60	500	160	TO126	62
BD138	MIS	S	P	BD236	BD229	BD140	75	60	500	160	TO126	62
BD138	Texas	S	P	BD236	BD229	BD140	75	60	500	160	TO126	62
BD139	PH	S	N	BD237	BD230	BD379	250	80	500	160	TO126	62
BD139	SIE	S	N	BD237	BD230	BD379	280	50	500	160	TO126	62
BD139	MIS	S	N	BD237	BD230	BD379	280	50	500	160	TO126	62
BD139	Texas	S	N	BD237	BD230	BD379	280	50	500	160	TO126	62
BD139/140	PH	S	-				-	-	-	-	TO126	62
BD139/140	SIE	S	-				-	-	-	-	TO126	62
BD140	PH	S	P	BD238	BD231	BD380	75	80	500	120	TO126	62
BD140	SGS	S	P	BD238	BD231	BD380	75	80	500	120	TO126	62
BD140	SIE	S	P	BD238	BD231	BD380	75	80	500	120	TO126	62
BD140	Texas	S	P	BD238	BD231	BD380	75	80	500	120	TO126	62
BD141 (2N4347)	SGS	S	N	2N4347	2N3773		-	120	8A	70	TO3	6
BD142 (40251)	SGS	S	N	BDW51	2N3055	BD130	1,3	40	15A	160	TO3	6

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	I _C (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BD162	SGS	S	N	2N3054	BDY93	BDY94	0,75	20	4 A	-	SOT9	4
BD163	SGS	S	N	2N3054	BDY93	BDY94	0,75	40	4 A	-	SOT9	4
BD181	PH	S	N	BDX85	2N3055	BD142	20 k	45	10A	70	TO3	6
2BD181	PH	S	N	2BDX85	2) 2N3055	2BD142	20 k	45	10A	70	TO3	6
BD182	PH	S	N	BD183	BDW51A	BDY20	20 k	60	15A	70	TO3	6
2BD182	PH	S	N	2BD183	2BDW51A	2BDY20	20 k	60	15A	-	TO3	6
BD183	PH	S	N	BDW51B	BDW51C		-	80	15A	70	TO3	6
2BD183	PH	S	N	2BDW51B			-	80	15A	70	TO3	6
BD201	PH	S	N	BD203			3	45	8A	90	TO126	62
BD202	PH	S	P	BD204			3	45	8A	90	TO126	62
BD203	PH	S	N	BD707	BD709	BD711	3	60	8A	90	TO126	62
BD204	PH	S	P	BD708	BD710	BD712	3	60	8A	90	TO126	62
BD215	SGS	S	N		BUY78	BUY79	10	300	500	100	SOT9	4
BD216A	SGS	S	N		BUY78	BU111	10	200	1A	-	SOT9	4
BD220	FSC	S	N	BD441	BD679		0,8	70	4A	120	TO126	62
BD221	FSC	S	N	BD439	BD201	BD203	0,8	40	4A	120	TO126	62
BD222	FSC	S	N	BD441	BD203	BD220	0,8	60	4A	80	TO126	62
BD223	FSC	S	P	BD442	BD262A		0,8	70	4A	120	TO126	62
BD224	FSC	S	P	BD440	BD202		0,8	40	4A	120	TO126	62
BD225	FSC	S	P	BD442	BD204		0,8	60	4A	80	TO126	62
BD226	PH	S	N	BD228	BD233	BD230	125	45	1,5A	250	TO126	62
BD226/227	PH	S	-	BD228/229			-	-	-	-	TO126	62
BD227	PH	S	P	BD229	BD234	BD231	50	45	1,5A	250	TO126	62
BD228	PH	S	N	BD230	BD235	BD379	125	60	1,5A	160	TO126	62
BD228/229	PH	S	-	BD230/231			-	-	-	-	TO126	62

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	I _C (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BD229	PH	S	P	BD231	BD236	BD378	50	60	1,5A	160	TO126	62
BD230	PH	S	N	BD237	BD441		125	80	1,5A	160	TO126	62
BC 230/231	PH	S	-				-	-	-	-	TO126	62
BD231	PH	S	P	BD380	BD238	BD442	50	80	1,5A	160	TO126	62
BD232	PH	S	N	BD410			15	250	250	150	TO126	62
BD233	PH	S	N	BD437	BD375	BD285	3	45	2A	250	TO126	62
BD233/234	PH	S	-				-	-	-	-	TO126	62
BD234	PH	S	P	BD438	BD376	BD378	3	45	2A	250	TO126	62
BD235	PH	S	N	BD439	BD377	BD379	3	60	2A	250	TO126	62
BD235/236	PH	S	-				-	-	-	-	TO126	62
BD236	PH	S	P	BD378	BD442	BD440	3	60	2A	250	TO126	62
BD237	PH	S	N	BD379	BD679	BD441	3	80	2A	160	TO126	62
BD237/238	PH	S	-				-	-	-	-	TO126	62
BD238	PH	S	P	BD380	BD680	BD442	3	80	2A	160	TO126	62
BD241	MIS	S	N	TIP120	2N6101	2N6103	3	45	3A	20	TO220	65
BD242	MIS	S	P	2N6107	2N6110	2N6111	3	45	3A	20	TO220	65
BD246B	Texas	S	P				3	80	1A	75	TO3P	67
BD249B	Texas	S	N				3	80	25A	60	TO3P	67
BD250B	Texas	S	P				3	80	25A	60	TO3P	67
BD253B	Texas	S	N		BU134	BU113	25	700	6A	50	TO3	6
BD301	MIS	S	N	2N6122			3	45	3A	30	TO220	65
BD302	MIS	S	P	2N6124	BD304	BD223	3	45	1A	40	TO220	65
BD303	MIS	S	N	2N6122		2N6123	3	60	2A	30	TO220	65
BD304	MIS	S	P	2N6125	BD223	BD225	3	60	1A	30	TO220	65
BD678 (BD262)	PH	S	P	BD440	BD442	BD682	7	60	4A	1,5k	TO126	62

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BD680 (BD262A)	PH	S	P	BD442	BD682		7	80	4 A	1,5k	TO126	62
BD682 (BD262B)	PH	S	P	BD262B			7	100	4 A	1,5k	TO126	62
BD677 (BD263)	PH	S	N	BD439	BD441	BD681	7	80	4 A	1,5k	TO126	62
BD679 (BD263A)	PH	S	N	BD441	BD681		7	80	4 A	1,5k	TO126	62
BD681 (BD263B)	PH	S	N	BD680			7	100	4 A	1,5k	TO126	62
BD646 (BD266)	PH	S	P	BD204	SE9401	SE9402	7	60	8 A	2,2k	TO220	65
BD648 (BD266A)	PH	S	P	SE9401	SE9402		7	80	8 A	2,2k	TO220	65
BD650 (BD266B)	PH	S	P	SE9402			7	100	8 A	2,2k	TO220	65
BD645 (BD267)	PH	S	N	2N6101	SE9301	2N6100	7	60	8 A	2,2k	TO220	65
BD647 (BD267A)	PH	S	N	SE9301	SE9302	2N6100	7	80	8 A	2,2k	TO220	65
BD649 (BD267B)	PH	S	N	SE9302			7	100	8 A	2,2k	TO220	65
BD281	SGS	S	N	BD433	BD435	BD437	3	22	4 A	350	TO126	62
BD282	SGS	S	P	BD434	BD436	BD438	3	22	4 A	350	TO126	62
BD283	SGS	S	N	BD435	BD437	BD439	3	32	4 A	350	TO126	62

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BD284	SGS	S	P	BD436	BD438	BD440	3	32	4 A	350	TO126	62
BD285	SGS	S	N	BD437	BD439	BD441	3	45	4 A	350	TO126	62
BD286	SGS	S	P	BD438	BD440	BD442	3	45	4 A	350	TO126	62
BD293	PH	S	N	BD203			3	60	6 A	90	SOT82	62
BD294	PH	S	P	BD204			3	60	6 A	30	SOT82	62
BD329	PH	S	N	BD433	BD435	BD281	130	20	3 A	375	TO126	62
BD329/ BD330	PH	S	-				-	-	-	-	TO126	62
BD330	PH	S	P	BD434	BD282	BD284	100	20	3 A	375	TO126	62
BD375	SGS	S	N	BD285	BD437	BD377	-	45	2 A	-	TO126	62
BD376	SGS	S	P	BD286	BD378	BD380	-	45	2 A	-	TO126	62
BD377	SGS	S	N	BD379	BD439	BD441	-	60	2 A	-	TO126	62
BD378	SGS	S	P	BD380	BD440	BD442	-	60	2 A	-	TO126	62
BD379	SGS	S	N	BD441	BD679	BD681	-	80	2 A	-	TO126	62
BD380	SGS	S	P	BD442	BD680	BD682	-	80	2 A	-	TO126	62
BD410	Texas	S	N				-	325	1 A	240	TO126	62
BD433	PH	S	N	BD281		BD283	3	22	4 A	120	TO126	62
BD433	SGS	S	N	BD281		BD283	3	22	4 A	120	TO126	62
BD433/ BD434	PH	S	-	BD435/436	BD437/438		-	-	-	-	TO126	62
BD434	PH	S	P	BD282	BD284	BD286	3	22	4 A	120	TO126	62
BD434	SGS	S	P	BD282	BD284	BD286	3	22	4 A	120	TO126	62
BD435	PH	S	N	BD283	BD437	BD439	3	32	4 A	40	TO126	62
BD435	SGS	S	N	BD283	BD437	BD439	3	32	4 A	40	TO126	62
BD435/ BD436	PH	S	-	BD437/438			-	-	-	-	TO126	62

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BD436	PH	S	P	BD284	BD286	BD438	3	32	4A	120	TO126	62
BD436	SGS	S	P	BD284	BD286	BD438	3	32	4A	40	TO126	62
BD437	PH	S	N	BD285	BD293	BD439	3	45	4A	30	TO126	62
BD437	SIE	S	N	BD285	BD293	BD439	3	45	4A	30	TO126	62
BD437	SGS	S	N	BD285	BD293	BD439	3	45	4A	30	TO126	62
BD437/ BD438	PH	S	-				-	-	-	-	TO126	62
BD438	PH	S	P	BD286	BD294	BD440	3	45	4A	30	TO126	62
BD438	SIE	S	P	BD286	BD294	BD440	3	45	4A	30	TO126	62
BD438	SGS	S	P	BD286	BD294	BD440	3	45	4A	30	TO126	62
BD439	SIE	S	N	BD441	BD679	BD203	-	60	4A	20	TO126	62
BD439	SGS	S	N	BD441	BD679	BD203	-	60	4A	20	TO126	62
BD440	SIE	S	P	BD442	BD680	BD682	-	60	4A	20	TO126	62
BD440	SGS	S	P	BD442	BD680	BD682	-	60	4A	20	TO126	62
BD441	SIE	S	N	BD679	BD681		-	80	4A	15	TO126	62
BD441	SGS	S	N	BD679	BD681		-	80	4A	15	TO126	62
BD442	SIE	S	P	BD680	BD682		-	80	4A	15	TO126	62
BD442	SGS	S	P	BD680	BD682		-	80	4A	15	TO126	62
BD533	SGS	S	N	BD535	BDX70	2N6098	-	45	4A	75	TO220	65a
BD534	SGS	S	P	BD536	2N6108		-	45	4A	75	TO220	65a
BD535	SGS	S	N	BD537	2N6122	BD222	-	60	4A	75	TO220	65a
BD536	SGS	S	P	BD223	BD225	BD538	-	60	4A	75	TO220	65a
BD537	SGS	S	N	2N6123	2N6388	2N6101	-	80	4A	75	TO220	65a
BD538	SGS	S	P		2N6126	2N6107	-	80	4A	45	TO220	65a
BD663A	SGS	S	N	BD663B		BD705	3	40	10A	250	TO220	65a
BD663B	SGS	S	N	BD663A		BD705	3,5	40	10A	400	TO220	65a

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BD675A	SGS	S	N	BD263	BD439	BD441	7	45	4A	2,2k	TO126	62
BD676A	SGS	S	P	BD262	BD440	BD442	7	45	4A	2,2k	TO126	62
BD677	SGS	S	N	BD263	BD441	BD679	7	60	4A	1,5k	TO126	62
BD677A	SGS	S	N	BD263	BD441	BD679	7	60	4A	2,2k	TO126	62
BD678	SGS	S	P	BD262	BD442	BD680	7	60	4A	2,2k	TO126	62
BD678A	SGS	S	P	BD262	BD442	BD680	7	60	4A	2,2k	TO126	62
BD679	SGS	S	N	BD263A	BD681	BD679A	7	80	4A	1,5k	TO126	62
BD679A	SGS	S	N	BD263A	BD681	BD679A	7	80	4A	2,2k	TO126	62
BD680	SGS	S	P	BD262A	BD682		7	80	4A	2,2k	TO126	62
BD680A	SGS	S	P	BD262A	BD682		7	80	4A	2,2k	TO126	62
BD681	SGS	S	N	BD263B			7	100	4A	1,5k	TO126	62
BD682	SGS	S	P	BD262B			7	100	4A	2,2k	TO126	62
BD701	MOT	S	N	BDX53C	SE9302		1	100	3A	2,2k	TO220	65
BD702	MOT	S	P	BDX54C	TIP42C	SE9402	1	100	3A	2,2k	TO220	65
BD705	SGS	S	N	BD707	2N6129	BD709	3	45	12A	150	TO220B	65
BD706	SGS	S	P	BD708	BD710		3	45	12A	150	TO220B	65
BD707	SGS	S	N	BD709	2N6129	SE9301	3	60	12A	150	TO220B	65
BD708	SGS	S	P	BD710	SE9401		3	60	12A	150	TO220B	65
BD709	SGS	S	N	2N6488	SE9301	2N6388	3	80	12A	150	TO220B	65
BD710	SGS	S	P	BD712	SE9401		3	80	12A	150	TO220B	65
BD711	SGS	S	N		BU406	SE9302	-	100	12A	-	TO220	7
BD712	SGS	S	P		SE9402		-	100	12A	-	TO220	7
BDW51	SGS	S	N	BD130	2N3055	BD142	15	45	15A	150	TO3	7
BDW51A	SGS	S	N	BDY20	BDY39	BDY55	20	60	15A	150	TO3	7
BDW51B	SGS	S	N	BDX67A	BD183		20	80	15A	150	TO3	7

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	I _C (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BDW51C	SGS	S	N	BDX67B			20	100	15A	150	TO3	7
BDW52	SGS	S	P	BDX66	BDX66A	BDX66B	20	45	15A	150	TO3	7
BDW52A	SGS	S	P	BDX66	BDX66A	BDX66B	20	60	15A	150	TO3	7
BDW52B	SGS	S	P	BDX66A	BDX66B		20	80	15A	150	TO3	7
BDW52C	SGS	S	P	BDX66B			20	100	15A	150	TO3	7
BDX12 (2N4347)	SGS	S	N	2N4347			0,8	120	5A	70	TO3	7
BDX13 (40251)	SGS	S	N	40251	2N3055	BD130	0,5	40	15A	60	TO3	7
BDX14	MIS	S	P	2N5955	2N5954		0,8	55	4A	100	TO66	4a
BDX16	MIS	S	N	2N3583	2N3585	2N4240	0,8	140	500	80	TO66	4
BDX18	MIS	S	P	BDX66	BDX66A	BDX66B	0,8	60	15A	70	TO3	6
BDX20	MIS	S	P		BDX62B		0,8	140	3A	70	TO3	6
BDX23 (40636)	SGS	S	N	BUY57	BUY58	40636	0,5	95	15A	250	TO3	6
BDX33	Texas	S	N			SE9301	20	45	10A	2,2k	TO220	65
BDX34	Texas	S	P			SE9401	20	45	10A	2,2k	TO220	65
BDX40 (2N3772)	SGS	S	N	2N3772	40411		0,8	60	20A	250	TO3	6
BDX41 (2N3771)	SGS	S	N	2N3771	40411		0,8	40	30A	250	TO3	6
BDX51	SGS	S	N	2N3773			-	120	10A	60	TO3	6
BDX53	SGS	S	N	BDX53A	BDX53B	SE9301	20	45	8A	2,2k	TO220	65a
BDX53A	SGS	S	N	BDX53B	BDX53C	SE9301	20	60	8A	2,2k	TO220	65a
BDX53B	SGS	S	N	BDX53C	SE9301		20	80	8A	2,2k	TO220	65a
BDX53C	SGS	S	N	SE9302			20	100	8A	2,2k	TO220	65a

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	I _C (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BDX54	SGS	S	P	BDX51A	BDX54B	SE9401	20	45	8A	2,2k	TO220	65a
BDX54A	SGS	S	P	BDX54B	BDX54C	SE9401	20	60	8A	2,2k	TO220	65a
BDX54B	SGS	S	P	BDX54C	SE9401		20	80	8A	2,2k	TO220	65a
BDX54C	SGS	S	P	SE9402			20	100	8A	2,2k	TO220	65a
BDX62A	PH	S	P	BDX62B	SE9404	BDX86B	7	80	8A	2,2k	TO3	7
BDX62B	PH	S	P	BDX64B	BDX86C	SE9405	7	100	8A	2,2k	TO3	7
BDX63	PH	S	N	BDX85A	BDX63A	SE9304	7	60	8A	2,2k	TO3	7
BDX63A	PH	S	N	BDX63B	SE9304	SE9305	7	80	8A	2,2k	TO3	7
BDX63B	PH	S	N	BDX65B	BDX67B	BDX85C	7	100	8A	2,2k	TO3	7
BDX64	PH	S	P	BDX64A	BDX64B	BDX88A	7	60	12A	4,5k	TO3	7
BDX64A	PH	S	P	BDX64B	BDX88B		7	80	12A	4,5k	TO3	7
BDX64B	PH	S	P	BDX66B	BDX88C		7	100	12A	4,5k	TO3	7
BDX65	PH	S	N	BDX65A	BDX65B	BDX87A	7	60	12A	4,5k	TO3	7
BDX65A	PH	S	N	BDX65B	BDX87B		7	80	12A	4,5k	TO3	7
BDX65B	PH	S	N	BDX67B	BDX87C		7	100	12A	4,5k	TO3	7
BDX66	PH	S	P	BDX64A	BDX64B		7	60	16A	3k	TO3	7
BDX66A	PH	S	P	BDX64B			7	80	16A	3k	TO3	7
BDX66B	PH	S	P				7	100	16A	3k	TO3	7
BDX67	PH	S	N	BDX67A	BDX67B		7	60	16A	3k	TO3	7
BDX67A	PH	S	N	BDX67B			7	80	16A	3k	TO3	7
BDX67B	PH	S	N				7	100	16A	3k	TO3	7
BDX70 (2N6098)	SGS	S	N	2N6098	2N6100	BDX71	-	60	10A	240	TO220A	65a
BDX71 (2N6099)	SGS	S	N	2N6100	2N6098	BDX70	-	60	10A	240	TO220A	65a

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	I _C (mA)	β	Contenitore	
		GS	NPN/PNP								HFe	Fig. N.
BDX72 (2N6100)	SGS	S	N	2N6100			—	70	10A	240	TO220A	65a
BDX73 (2N6101)	SGS	S	N	2N6101			—	70	10A	240	TO220A	65a
BDX85	SGS	S	N	BDX85A	BDX85B	BDX85C	20	45	10A	2,2k	TO3	7
BDX85A	SGS	S	N	BDX85B	BDX85C	BDX87A	20	60	10A	2,2k	TO3	7
BDX85B	SGS	S	N	BDX85C	BDX87B	BDX65A	20	80	10A	2,2k	TO3	7
BDX85C	SGS	S	N		BDX87C	BDX65B	20	100	10A	2,2k	TO3	7
BDX86	SGS	S	P	BDX86A	BDX86B	BDX86C	20	45	10A	2,2k	TO3	7
BDX86A	SGS	S	P	BDX86B	BDX86C	BDX88A	20	60	10A	2,2k	TO3	7
BDX86B	SGS	S	P	BDX86C	BDX88B	BDX64A	20	80	10A	2,2k	TO3	7
BDX86C	SGS	S	P		BDX88C	BDX64B	20	100	10A	2,2k	TO3	7
BDX87	SGS	S	N	BDX87A	BDX87B	BDX87C	10	45	12A	2,2k	TO3	7
BDX87A	SGS	S	N	BDX87B	BDX87C	BDX66	10	60	12A	2,2k	TO3	7
BDX87B	SGS	S	N	BDX87C	BDX65A	BDX67A	10	80	12A	2,2k	TO3	7
BDX87C	SGS	S	N	BDX65B	BDX67B		10	100	12A	2,2k	TO3	7
BDX88	SGS	S	P	BDX88A	BDX88B	BDX88C	10	45	12A	2,2k	TO3	7
BDX88A	SGS	S	P	BDX88B	BDX88C	BDX64A	10	60	12A	2,2k	TO3	7
BDX88B	SGS	S	P	BDX88C	BDX64B		10	80	12A	2,2k	TO3	7
BDX88C	SGS	S	P	BDX64B	BDX66B		10	100	12A	2,2k	TO3	7
BDY12	SIE	S	N	2N3441	2N3054		70	60	3A	—	SOT9	4
BDY13	SIE	S	N	2N3441			70	80	3A	—	SOT9	4
BDY20	PH	S	N	2N3055	BDW51A	BDW51B	1	60	15A	70	TO3	7
BDY23	PH	S	N	BUY55	BD111	BDY92	10	60	6A	180	TO3	7
BDY24	MIS	S	N	BUY55	BU100A	BDY90	10	90	6A	180	TO3	7

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	I _C (mA)	β	Contenitore	
		GS	NPN/PNP								HFe	Fig. N.
BDY25	MIS	S	N	BUY56	BDY26	2N3442	10	140	6A	180	TO3	7
BDY26	MIS	S	N	BU128	BDY27	BDY28	10	180	6A	180	TO3	7
BDY27	MIS	S	N	BUY77	BU128	BDY28	10	200	6A	180	TO3	7
BDY28	MIS	S	N	BUY78	BUY77		10	250	6A	180	TO3	7
BDY38	PH	S	N	BD130	2N3055	2N3716	1	40	6A	90	TO3	7
BDY39	SIE	S	N	2N3055	BDW51A	BDW51B	1,1	60	15A	100	TO3	7
BDY55	MIS	S	N	BUY57	2N3055	BDW51A	10	60	15A	70	TO3	7
BDY60	PH	S	N	BUY24	BDY23	BDY61	100	60	5A	300	TO3	7
BDY61	PH	S	N	BUY24	BDY60	BDY20	100	60	5A	135	TO3	7
BDY90	PH	S	N	BUY57	BDX65B	BDX67B	70	100	10A	120	TO3	6
BDY91	PH	S	N	BUY57	BDX65A	BDX67A	70	80	10A	120	TO3	6
BDY92	PH	S	N	BUY57	BDX65	BDX67	70	60	10A	120	TO3	6
BDY93	PH	S	N	BUY79	BDY96		10	350	4A	60	TO3	7
BDY94	PH	S	N	BUY79	BDY95	BDY93	10	250	4A	80	TO3	7
BDY95	PH	S	N	BUY77	BDY94		10	250	4A	60	TO3	7
BDY96	PH	S	N	BUY76			10	350	10A	60	TO3	6
BDY97	PH	S	N	BUY76	BDY96		10	300	10A	80	TO3	6
BDY98	PH	S	N	BUY75	BDY96	BDY95	10	250	10A	80	TO3	6
BF115	PH	S	N		BF293	BF291A	230	30	30	45	TO72	24
BF125	ITT	S	N				450	25	0,03	—	—	95
BF152	SGS	S	N	BF158	BF159	BFX59	800	12	30	50	TO18	17
BF153	SGS	S	N	BF160	BF159	BF158	400	12	30	20	TO18	17
BF154	SGS	S	N	BF225	BF274	BF273	400	20	50	50	TO5	14
BF155	SGS	S	N	BFX62	BF161	BF163	600	40	20	70	TO72	23
BF156	SGS	S	N	BF157	BD115	BF257	60	120	100	50	TO5	8

Tipo Transistor bipolari	Casa	Materiale		Equivalenze	F_T (Mz)	V_{CE0} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP						Fig. N.	
BF157	SGS	S	N	BD156	60	150	100	60	TO5	8
BF158	SGS	S	N	BF152	800	12	30	50	TO18	17
BF159	SGS	S	N	BF225	800	12	30	50	TO18	17
BF160	SGS	S	N	BF159	600	12	30	50	TO18	17
BF161	SGS	S	N	BF181	550	50	20	70	TO72	23
BF163	FSC	S	N	BF161	600	40	20	-	TO18	17
BF166	SGS	S	N	BF161	500	40	20	50	TO72	23
BF167	PH	S	N	BF161	350	30	25	57	TO72	24
BF167	SGS	S	N	BF161	350	30	25	57	TO72	24
BF173	MIC	S	N	BF306	550	25	25	88	TO72	24
BF173	PH	S	N	BF306	550	25	25	88	TO72	24
BF173 (BF306)	SGS	S	N	BF306	550	25	25	88	TO72	24
BF174	SGS	S	N	BF257	85	150	50	30	TO5	13a
BF175	SGS	S	N	BF288	500	40	20	70	TO72	23
BF178	PH	S	N	BF257	120	115	50	20	TO39	35
BF179	PH	S	N	BF258	120	115	50	20	TO39	35
BF180	PH	S	N	BF259	675	20	20	-	TO72	23
BF180	MIS	S	N	BF155	675	20	20	-	TO72	23
BF181	PH	S	N	BF167	600	20	20	-	TO72	23
BF182	PH	S	N	BF167	650	20	15	20	TO72	23
BF183	PH	S	N	BF224	800	20	15	-	TO72	23
BF183	MIS	S	N	BF155	800	20	15	-	TO72	23
BF184	MIC	S	N	BF167	300	20	30	115	TO72	24
BF184	PH	S	N	BF167	300	20	30	115	TO72	24
BF185	MIC	S	N	BF167	220	20	30	67	TO72	24

Tipo Transistor bipolari	Casa	Materiale		Equivalenze	F_T (Mz)	V_{CE0} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP						Fig. N.	
BF185	PH	S	N	BF167	220	20	30	67	TO72	24
BF194	PH	S	N	BF196	260	20	30	115	SOT25	71
BF194	SIE	S	N	BF196	260	20	30	115	SOT25	71
BF195	PH	S	N	BF196	200	20	30	67	SOT25	71
BF195	SIE	S	N	BF196	200	20	30	67	SOT25	71
BF196	PH	S	N	BF197	400	30	25	57	SOT25	71
BF197	PH	S	N	BF224	550	25	25	88	SOT25	71
BF198	PH	S	N	BF163	400	30	25	60	TO92	53a
BF198	MIS	S	N	BF163	400	30	25	65	TO92	53a
BF199	PH	S	N	BF173	550	25	25	115	TO92	53a
BF200	PH	S	N	BF167	650	20	20	16	TO72	23
BF200	MIS	S	N	BF155	650	20	20	16	TO92	52a
BF222	SGS	S	N	BFX62	600	40	20	20	TO72	23
BF224	Texas	S	N	BF173	850	40	50	85	TO92	52
BF225	Texas	S	N	BF224	700	40	50	100	TO92	52
BF233	SGS	S	N	BF233GR3°	250	30	30	90	TO18P	19
BF233GR3°	MIS	S	N	BF233	250	30	30	60	TO18P	19
BF233GR4°	MIS	S	N	BF233	250	30	30	90	TO18P	19
BF234	SGS	S	N	BF233	250	30	30	150	TO18P	19
BF234	MIS	S	N	BF233	250	30	30	150	TO18P	19
BF235	MIS	S	N	BF233	250	30	30	70	TO18P	19
BF240	PH	S	N	BF225	380	40	25	67	TO92	53a
BF240	SIE	S	N	BF225	380	40	25	67	TO92	53a
BF241	PH	S	N	BF224	350	40	25	36	TO92	53a
BF241	SIE	S	N	BF224	350	40	25	-	TO92	53a
BF251	SGS	S	N	BF167	250	30	50	30	TO72	23

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BF252	SGS	S	N	BF167	BF225	BF252	250	30	50	30	TO72	23
BF254	SIE	S	N	BF451	BF184	BF163	260	20	30	115	TO92	23
BF254	MIS	S	N	BF451	BF184	BF163	260	20	30	100	TO92	53
BF255	MIS	S	N	BC214	BF185	BF163	200	20	30	67	TO92	53
BF255	PH	S	N	BC214	BF185	BF163	200	20	30	67	TO92	53
BF255	SIE	S	N	BC214	BF185	BF163	200	20	30	67	TO92	53
BF257	MIC	S	N	BD115	BF336		110	160	100	75	TO39	35
BF257	MIS	S	N	BD115	BF336		110	160	100	75	TO39	35
BF257	SGS	S	N	BD115	BF336		110	160	100	75	TO39	35
BF258	MIC	S	N	BF338	BF259	BF337	110	250	100	75	TO39	35
BF258	MIS	S	N	BF338	BF259	BF337	110	250	100	75	TO39	35
BF258	SGS	S	N	BF338	BF259	BF337	110	250	100	75	TO39	35
BF259	MIS	S	N	BF258	BF338		110	300	100	75	TO39	35
BF259	SGS	S	N	BF258	BF338		110	300	100	75	TO39	35
BF260	SGS	S	N	BF167	BF173	BF200	800	—	50	—	TO72	24
BF261	SGS	S	N	BF167	BF173	BF225	730	—	50	70	TO72	24
BF270	SGS	S	N	BF288	BF167	BF261	600	30	20	50	TO72	23
BF271	SGS	S	P	2N4958			1000	30	30	55	TO72	23
BF272A	SGS	S	P	BF316A			850	35	20	50	TO72	23
BF273	SGS	S	N	BF274	BF184		750	35	50	80	TO18	17
BF274	SGS	S	N	BF273	BF224	BF225	750	35	50	40	TO18	17
BF287	SGS	S	N	BF290	BF224	BF225	800	40	20	40	TO72	23
BF288	SGS	S	N	BF287	BF224	BF225	500	40	20	65	TO72	23
BF290	SGS	S	N	BF497	2N3866	BFR36	900	40	20	40	TO72	23
BF291A	SGS	S	N	BF291B	2N915		400	40	100	60	TO18	17
BF291B	SGS	S	N	BF291A	2N915		400	40	100	100	TO18	17

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BF292A	SGS	S	N	BF292B	BF292C	BF258	54	150	100	30	TO5	8
BF292B	SGS	S	N	BF292C	BF258	BF337	54	190	100	30	TO5	8
BF292C	SGS	S	N	2N3440		BF258	54	220	100	30	TO5	8
BF293	SGS	S	N	BF291A			400	45	100	170	TO18	17
BF305	SGS	S	N	BF179	BF258		100	—	100	—	TO39	35
BF306	SGS	S	N		BF173	BF224	1000	25	25	39	TO72	24
BF311	OR	S	N		BF224		700	25	40	38	TO92	52
BF316A	SGS	S	P	BF272A			800	35	15	50	TO72	23
BF324	PH	S	P	BF509	BF372	BF316A	450	30	25	50	TO92	52
BF324	SGS	S	P	BF509	BF372	BF316A	450	30	25	50	TO92	52
BF324	SIE	S	P	BF509	BF372	BF316A	450	30	25	50	TO92	52
BF332	SGS	S	N	BCW77	BF152	BF194	600	20	30	—	SOT25	71
BF333	SGS	S	N	BF195	BF160	BF332	400	20	30	—	SOT25	71
BF336	PH	S	N	BF258	BF259	BD115	130	180	100	50	TO39	35
BF337	PH	S	N	BF258	BF259		130	200	100	60	TO39	35
BF338	PH	S	N	BF259	BF258		130	225	100	60	TO39	35
BF362	PH	S	N				800	20	20	80	SOT37	75
BF363	PH	S	N	BF362			620	20	20	80	SOT37	75
BF372	SGS	S	P				—	35	20	—	TO72	23
BF422	PH	S	N				60	250	20	50	TO92	51
BF423	PH	S	P		BC393		60	250	25	50	TO92	51
BF450	PH	S	P	BF451	BC177		325	40	25	60	TO92	53
BF450	SIE	S	P	BF451	BC177		325	40	25	60	TO92	53
BF451	PH	S	P	BF450	BC177		325	40	25	30	TO92	53
BF451	SIE	S	P	BF450	BC177		325	40	25	30	TO92	53
BF454	SGS	S	N	BF291B	BF291A	BF455	100	25	100	—	TO18pl	19a
BF455	SGS	S	N	BF291B	BF291A	BF454	100	25	100	—	TO18pl	19a

Tipo Transistor bipolari	Casa	Materiale GS	NPN/PNP	Equivalenze			F _T (Mz)	V _{CEO} (V)	I _C (mA)	β HFe	Contenitore	
											Fig. N.	
BF457	PH	S	N	BF458	BF459	BD410	90	160	100	50	SOT32	64
BF457	SIE	S	N	BF458	BF459	BD410	90	160	100	50	SOT32	64
BF457	SGS	S	N	BF458	BF459	BD410	90	160	100	50	SOT32	64
BF457	TEX	S	N	BF458	BF459	BD410	90	160	100	50	SOT32	64
BF458	PH	S	N	BF459	BD410		90	250	100	50	SOT32	62
BF458	SIE	S	N	BF459	BD410		90	250	100	50	SOT32	62
BF458	SGS	S	N	BF459	BD410		90	250	100	50	SOT32	62
BF458	TEX	S	N	BF459	BD410		90	250	100	50	SOT32	62
BF459	PH	S	N	BD410			90	300	100	50	SOT32	62
BF459	SIE	S	N	BD410			90	300	100	50	SOT32	62
BF459	SGS	S	N	BD410			90	300	100	50	SOT32	62
BF459	TEX	S	N	BD410			90	300	100	50	SOT32	62
BF479	SGS	S	P				800	25	100	20	SOT37	78
BF479	TFK	S	P				800	25	100	20	SOT37	78
BF479S	SGS	S	P	BF479			800	25	80	20	SOT37	78
BF480	PH	S	N				1600	15	20	10	SOT37	78
BF494	PH	S	N	BF254	BF233	BF232	260	20	30	115	TO92	53a
BF495	PH	S	N	BF255	BF494	BF234	200	20	30	67	TO92	53a
BF497	SGS	S	N	BF290	BF288	BF163	1000	40	20	-	TO72	23
BF506	SGS	S	P	BF509	BF271		200	30	30	40	TO92	56
BF509	SGS	S	P				700	35	30	70	TO92	56
BF516	SGS	S	P	BF372	BF316A		200	35	20	25	TO72	23
BF657	SGS	S	N	BD615	BF258	BF257	90	160	100	25	TO39	35
BF658	SGS	S	N	BD615	BF258		90	250	100	25	TO39	35
BF659	SGS	S	N	BD615			90	300	100	25	TO39	35
BF679	SGS	S	P	BF479			800	35	30	35	SOT37	78

Tipo Transistor bipolari	Casa	Materiale GS	NPN/PNP	Equivalenze			F _T (Mz)	V _{CEO} (V)	I _C (mA)	β HFe	Contenitore	
											Fig. N.	
BF679M	SGS	S	P	BF479	BF679S	BF679	800	35	30	30	SOT37	78
BF679S	SGS	S	P	BF479	BF679M	BF679	800	35	30	35	SOT37	78
BF680	SGS	S	P	BF479	BF679M	BF679S	800	35	30	50	SOT37	78
BFR10	SGS	S	N	BSV95	BSX59		350	35	500	60	TO5	8
BFR11	SGS	S	N	BC282	2N4013		350	35	350	40	TO18	40
BFR15	SIE	S	N	BFS55			4000	12	20	25	TO72	24
BFR16	SGS	S	N	BFR17	BC110		100	60	10	150	TO18	17
BFR17	SGS	S	N	BFR16	BC110		100	60	10	450	TO18	17
BFR18	SGS	S	N	BSX46	BSX47	BFR19	85	60	500	70	TO5	8
BFR19	SGS	S	N	BSX46	BSX47		85	60	1000	30	TO5	8
BFR20	SGS	S	N	BSX45	BSX46	BSX47	85	35	500	90	TO5	8
BFR21	SGS	S	N	BSX47			85	70	500	40	TO5	8
BFR36	SGS	S	N		BFW16A	2N5109	1000	30	200	40	TO5	8
BFR37	SGS	S	N		BF274	BF273	1400	30	50	80	TO72	24
BFR38	SGS	S	P	BFR99	BF271		850	35	20	25	TO72	23
BFR63	PH	S	N	BFR64	BFR65		1100	25	200	75	SOT48	84
BFR64	PH	S	N	BFR65			1200	25	200	75	SOT48	84
BFR65	PH	S	N				1200	25	400	90	SOT48	84
BFR90	PH	S	N	BFR91	BF362		800	15	14	50	SOT37	75
BFR91	PH	S	N	BF362			800	12	30	50	SOT37	75
BFR92	PH	S	N	BFS17	BFR93		800	15	25	50	SOT23	68
BFR93	PH	S	N	BFS17	BFR92		800	10	35	210	SOT23	68
BFR94	PH	S	N	BLX69		BLY91A	500	20	90	40	SOT48	83
BFR96	PH	S	N				500	10	50	50	SOT37	75
BFR97 (2N3866)	SGS	S	N	2N3866	BFW16A		500	30	50	200	TO39	35

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BFR98 (2N4427)	SGS	S	N	2N4427	BFW16A		1000	20	100	200	TO39	35
BFR99	SGS	S	N				2300	25	50	25	TO72	23
BFS17	PH	S	N				1000	15	25	20	SOT23	68
BFS18	PH	S	N	BFS19			200	20	30	35	SOT23	68
BFS19	PH	S	N				260	20	30	35	SOT23	68
BFS20	PH	S	N				450	20	25	85	SOT23	68
BFS20	SIE	S	N				450	20	25	85	SOT23	68
BFS22A	PH	S	N	BFR98	2N4427		175	18	75	—	TO39	35
BFS55	SIE	S	N				3300	15	50	160	TO72	24
BFS89	SGS	S	N				—	300	150	25	TO39	35
BFT95	SGS	S	P				5000	15	5A	75	SOT37	79
BFT95H	SGS	S	N				5000	15	5A	75	SOT37	82
BFT96	SGS	S	P	BFT95			5000	15	50	40	SOT37	79
BFW16A	PH	S	N	2N5109	BFR36		1200	25	150	75	TO39	35
BFW16A	SIE	S	N	2N5109	BFR36		1200	25	150	75	TO39	35
BFW17A	PH	S	N	BFR36	BFW16A	BFR98	1100	25	50	75	TO39	35
BFW30	PH	S	N	BFR37	BF260	BF273	1600	10	50	25	TO72	23
BFW30	SIE	S	N	BFR37	BF260	BF273	1600	10	50	25	TO72	23
BFW31	TEX	S	P	BCW76	2N2907A		150	30	10	40	TO18	18
BFW32	TEX	S	N	BCW73	BCW74		150	30	10	40	TO18	18
BFW43	SGS	S	P	BFX90	BFX91		60	150	10	40	TO18	17
BFW44	SGS	S	P	BFX91	BFX90		60	150	10	40	TO39	35
BFW63	SGS	S	N	BFW64	BF273	BF274	600	30	50	70	TO72	23
BFW64	SGS	S	N	BFW63	BF273	BF274	600	30	50	70	TO72	24
BFW68	SGS	S	N	BF291A	BF293	BC282	400	40	50	50	TO18	17

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BFW70	SGS	S	N	BFW63	BF274	BF273	600	30	50	75	TO72	24
BFW92	PH	S	N				1600	15	50	20	SOT37	79
BFW92	SGS	S	N				1600	15	50	20	SOT37	79
BFW92	SIE	S	N				1600	15	50	20	SOT37	79
BFW93	PH	S	N				1700	10	30	25	SOT37	79
BFW94	SGS	S	N				650	30	50	—	SOT48	88
BFX11	SGS	S	P				130	45	50	30	TO39	48
BFX15	SGS	S	N	2N2223	BFX71	BFX72	50	40	10	30	TO39	48
BFX16	SGS	S	N				60	45	30	—	TO96	47
BFX17	SGS	S	N	BFX55	BF291A	BF291B	400	40	1000	35	TO39	35
BFX18	SGS	S	N	BF173	BF225	BF306	550	30	20	20	TO72	23
BFX19	SGS	S	N	BFX18	BF173	BFX60	550	20	20	20	TO72	23
BFX20	SGS	S	N	BFX18	BFX19	BF306	550	30	20	20	TO72	23
BFX21	SGS	S	N	BFX19	BFX20	BFX18	550	30	20	20	TO72	23
BFX31	SGS	S	N	BFX19	BFX20	BFX21	500	30	20	80	TO72	23
BFX34	FSC	S	N	BUY68			100	60	5A	40	TO39	35
BFX34	SGS	S	N	BUY68			100	60	5A	40	TO39	35
BFX36	SGS	S	P				40	60	50	700	TO39	48
BFX37	SGS	S	P	2N4034	2N4035		70	80	50	200	TO18	17
BFX38	SGS	S	P	BFX39	2N5855	2N4036	150	55	1000	90	TO39	35
BFX39	SGS	S	P	BFX38	2N5855	2N4036	150	55	1000	65	TO39	35
BFX40	SGS	S	P	BFX41	2N5322	2N5857	150	75	1000	125	TO39	35
BFX41	SGS	S	P	BFX40	2N5322	2N5857	150	75	1000	125	TO39	35
BFX48	SGS	S	P	2N4034	2N4035		550	30	100	130	TO18	18
BFX55	SIE	S	N	BFX17	2N3866	2N4046	500	40	400	160	TO39	35

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BFX59	SIE	S	N			BFR98	900	20	100	200	TO72	23
BFX60	SIE	S	N	BF288	BF173	BF224	550	25	25	100	TO72	24
BFX62	SIE	S	N	BF180	BFX73	2N918	675	20	12	40	TO72	23
BFX66	SGS	S	N	BFX67	2N999		—	60	100	4k	TO72	23a
BFX67	SGS	S	N	BFX66	2N999		—	60	100	7k	TO72	23a
BFX68	SGS	S	N	BFX69	2N1711	BC140	100	30	500	115	TO32	35
BFX69	SGS	S	N	BFX68	BC140	2N1613	100	30	500	35	TO32	35
BFX69A	SGS	S	N		BC141	2N3110	100	40	500	70	TO32	35
BFX70	SGS	S	N	2N2060	2N2223		60	60	10	80	TO39	48
BFX71	SGS	S	N	2N2223	BFX72	BFX70	50	60	10	125	TO39	48
BFX72	SGS	S	N	2N2223A	BFX71		50	60	10	125	TO39	48
BFX73	SGS	S	N	2N918			900	15	50	50	TO72	23
BFX74	SGS	S	P	BFX74A	BFX38	BFX39	100	35	500	60	TO39	35
BFX74A	SGS	S	P	BFX40	BFX41	BC311	150	60	1000	50	TO39	35
BFX79	SGS	S	—				60	60	150	100	TO39	48
BFX80	SGS	S	—				40	60	—	200	TO39	48
BFX81	SGS	S	—				350	20	30	90	TO39	48
BFX89	PH	S	N	BF306	2N918	BFX73	1000	15	25	20	TO72	23
BFX89	SIE	S	N	BF306	2N918	BFX73	1000	15	25	20	TO72	23
BFX90	SGS	S	P	BC393		2N3931	60	180	10	170	TO18	17
BFX91	SGS	S	P		BC393	2N3931	60	180	10	170	TO39	35
BFX94	SGS	S	N	BCY58	BC282	2N2221	250	30	150	40	TO18	17
BFX94A	SGS	S	N	BSX49	BFX95A	2N915	400	30	150	40	TO18	17
BFX95	SGS	S	N	BCY58	BC282	2N2221	250	30	150	100	TO18	17
BFX95A	SGS	S	N	BSX49	BFX94A	2N915	400	30	150	100	TO18	17

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	
		GS	NPN/PNP								Fig. N.	
BFX96	SGS	S	N	2N2218	BFX55	2N2219	250	30	150	40	TO39	35
BFX96A	SGS	S	N	BFX97A	BFX17	BSS29	400	30	150	40	TO39	35
BFX97	SGS	S	N	2N2219	BFX55	2N2218	250	30	150	100	TO39	35
BFX97A	SGS	S	N	BFX96A	BFX17	BSS29	400	30	150	100	TO39	35
BFX98	SGS	S	N	BF657	BUY48		90	150	100	30	TO39	35
BFX99	SGS	S	N	2N5856	2N5858		60	60	100	50	TO39	48
BFY50	PH	S	N	BSV95	BSV77	BC635	140	35	1000	65	TO5	8
BFY50	SGS	S	N	BSV95	BSV77	BC635	140	35	1000	65	TO5	8
BFY51	PH	S	N	BC211	2N4046	2N4047	160	30	1000	65	TO5	8
BFY51	SGS	S	N	BC211	2N4046	2N4047	160	30	1000	65	TO5	8
BFY52	PH	S	N	2N4047	BC211	BSV95	185	20	1000	65	TO5	8
BFY52	FSC	S	N	2N4047	BC211	BSV95	185	20	1000	65	TO5	8
BFY52	SGS	S	N	2N4047	BC211	BSV95	185	20	1000	65	TO5	8
BFY52 (2N2297)	PH	S	N	2N2297	BSX45	BSX46	60	35	1000	—	TO5	8
BFY56	SGS	S	N	BSW68	BFY56A	BC377	80	45	1000	40	TO39	35
BFY56A	SGS	S	N	BSW68	BSW66		80	55	1000	70	TO39	35
BFY64	SGS	S	P		2N2905	2N722	240	40	500	200	TO39	35
BFY67 (2N1711)	PH	S	N	2N1711	2N1613	BFR21	70	30	500	40	TO5	8
BFY72	SGS	S	N	2N2218	2N2219	BSY34	350	28	500	90	TO39	35
BFY74	SGS	S	N	2N915	BF293	BC134	360	45	20	90	TO18	17
BFY75	SGS	S	N	2N915	BF293	BC134	360	45	20	130	TO18	17
BFY76	SGS	S	N	BCY65	BC110	2N2483	100	60	50	300	TO18	17
BFY81	SGS	S	N	BFY82	BFY83	BC302	80	45	1	80	TO39	48

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	Fig. N.
		GS	NPN/PNP									
BFY82	SGS	S	N	BFY83		BC118	350	45	10	80	TO39	48
BFY83	SGS	S	N	BC301	BF179	BF257	80	60	10	80	TO39	48
BFY84	SGS	S	N	BFW16A	BF158	BF224	800	12	3	80	TO39	48
BFY90	PH	S	N	BFX89	BF306	BFR37	1000	15	25	25	TO72	23
BFY90	SGS	S	N	BFX89	BF306	BFR37	1000	15	25	25	TO72	23
BFY90	SIE	S	N	BFX89	BF306	BFR37	1000	15	25	25	TO72	23
(A)												
BLY87A	PH	S	N	BLY88A			700	18	3,75	—	SOT48	83
BLY88A	PH	S	N				700	18	7,5	40	SOT48	83
BLY89A	PH	S	N				700	18	10	—	SOT56	87
BLY90	PH	S	N				550	18	20	50	SOT55	86
BLY91A	PH	S	N	BLY92A			500	36	2,25	5,0	SOT42	83
BLY92A	PH	S	N	BLX94			500	36	4,5	5,0	SOT56	87
BLY93A	PH	S	N				500	36	9	5,0	SOT56	87
BLY94	PH	S	N				500	36	12	120	SOT48	83
BLX13	PH	S	N	BLY93A			500	36	6	120	SOT56	87
BLX14	PH	S	N		BLX15		250	36	12	100	SOT55	86
BLX15	PH	S	N				275	53	20	50	SOT55	86
BLX65	PH	S	N				1400	18	2	40	TO39	35
BLX66	PH	S	N				1400	18	2	40	SOT48	85
BLX67	PH	S	N	BLX93	BLX92	BLX68	1400	18	2	40	SOT48	84
BLX68	PH	S	N	BLX69	BLX94		1300	18	4	40	SOT48	84
BLX69	PH	S	N	BLX94			1000	18	10	100	SOT48	83
BLX91	PH	S	N	BLX92	BLX93		1200	33	0,8	35	SOT48	84
BLX92	PH	S	N	BLX93			1200	33	2	40	SOT48	84

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β HFe	Contenitore	Fig. N.
		GS	NPN/PNP									
BLX93	PH	S	N				1200	33	3 A	35	SOT48	84
BLX94	PH	S	N				1000	33	6 A	50	SOT48	83
BLX95	PH	S	N				900	33	10 A	50	SOT56	87
BLX96	PH	S	N	BLX67	BLX97		860	27	1 A	30	SOT48	84
BLX97	PH	S	N	BLX67			860	27	2 A	30	SOT48	84
BLX98	PH	S	N	BLX94			860	27	4 A	40	SOT48	83
BPX25	PH	S	N	BPX25	BPW14		—	32	25	—	TO18	17
BPX29	PH	S	N	BPX25	BPW14		—	32	25	—	TO18	17
BPX70	PH	S	N	BPX25	BPW14		—	30	25	—	TO18	17
BPW14	TFK	S	N	BPX29			—	32	25	—	TO18	17
BSS15 (2N5380)	SGS	S	N	2N5320	BSX63		50	75	2 A	120	TO39	35
BSS16 (2N5321)	SGS	S	N	2N5321	BSX62	BC441	50	50	2 A	250	TO39	35
BSS17 (2N5322)	SGS	S	P	2N5322			50	75	2 A	130	TO39	35
BSS18 (2N5323)	SGS	S	P	2N5323	BC461		50	50	2 A	250	TO39	35
BSS26	SGS	S	N		BSX59	BFX17	400	40	1000	40	TO18	17
BSS27	PH	S	N		BFX17	BSV77	400	45	1 A	30	TO39	35
BSS28	PH	S	N	BSS27	BSS29		400	30	1 A	40	TO39	35
BSS29	PH	S	N	BSS27	BSS28		400	30	1 A	25	TO39	35
BSS44	SGS	S	P				70	60	5 A	50	TO39	35
BSV15	SIE	S	N	BSV17	BSV16	BSS16	50	40	1000	250	TO39	35

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β	Contenitore	Fig. N.
		GS	NPN/PNP									
BSV16	SIE	S	N		BSV17	BSS15	50	60	1000	250	TO39	35
BSV17	PH	S	N	BSW66	2N5858	2N3019	50	80	1000	—	TO39	35
BSV17	SIE	S	N	BSW66	2N5858	2N3019	50	80	1000	—	TO39	35
BSV52	PH	S	N		BCW71	BCW31	500	12	50	40	SOT23	68
BSV59	SGS	S	N	BSX49	BSS26		350	30	500	50	TO18	17
BSV68	PH	S	P	2N4034	2N4035		95	100	100	30	TO18	17
BSV77	SGS	S	N	2N4046	2N4047	BFX17	400	40	1000	60	TO5	8
BSV89	SGS	S	N	BSV90	BSV91	BSX28	600	10	100	40	TO18	17
BSV90	SGS	S	N	BSV91	BSV92	BSX87A	600	13	100	40	TO18	17
BSV91	SGS	S	N	BSV92	BSX39	BSX20	600	15	100	40	TO18	17
BSV92	SGS	S	N	BSX39	BSX93	2N995	650	15	100	70	TO18	17
BSV95	SGS	S	N		BSX59	BSX61	400	50	1000	20	TO5	8
BSW41	PH	S	N	BFR11	BSX48	2N3301	250	25	300	30	TO18	17
BSW42A	MIS	S	N	2N4014	BCY59A		300	50	200	130	RO110	17
BSW66	PH	S	N	BSW67	BSW68		80	100	1000	30	TO39	35
BSW67	PH	S	N	BUY47	BSW68	BUY49S	80	120	1000	30	TO39	35
BSW67	SGS	S	N	BUY47	BSW68	BUY49S	80	120	1000	30	TO39	35
BSW68	PH	S	N	BUY48		BUY49S	80	150	1000	30	TO39	35
BSW68	SGS	S	N	BUY48		BUY49S	80	150	1000	30	TO39	35
BSX12	SGS	S	N	BSS27	BFX17	BSX32	400	12	1000	45	TO39	35
BSX19	PH	S	N	2N2368	2N2369	BSX87A	500	15	500	10	TO18	17
BSX20	PH	S	N	BSX87A	2N2369	BSX93	600	15	500	20	TO18	17
BSX21	PH	S	N	BC394	BC300	BFX98	60	80	100	60	TO18	17
BSX26	SGS	S	N	BSX20	BSX87A	2N2369	550	15	300	60	TO18	17
BSX27	SGS	S	N	BFX73	BF152	2N2475	800	6	30	80	TO18	17

Tipo Transistor bipolari	Casa	Materiale		Equivalenze			F _T (Mz)	V _{CEO} (V)	IC (mA)	β	Contenitore	Fig. N.
		GS	NPN/PNP									
BSX28	SGS	S	N	BSV92	BSV90	2N995	650	12	100	50	TO18	17
BSX29	SGS	S	P	2N2894	2N2309		700	12	100	40	TO18	17
BSX30	SGS	S	N	BFX17	BSX32	BFY72	330	30	500	63	TO39	35
BSX32	SGS	S	N		BFX17	BSX59	450	40	1000	60	TO39	35
BSX33	SGS	S	N	2N4014	BFR18	BC377	90	55	500	70	TO18	17
BSX36	SGS	S	P	2N722	2N2906	2N2907	200	40	500	50	TO18	17
BSX39	SGS	S	N	BSX20	2N995	BSX87A	600	20	300	60	TO18	17
BSX45	SIE	S	N	2N2270	BFY55	BSV15	50	40	1000	120	TO5	8
BSX46	SIE	S	N	BFR19	2N5320	BFY56A	50	60	1000	40	TO5	8
BSX47	SIE	S	N	2N2405	2N5858	2N5320	50	80	1000	63	TO5	8
BSX48	SIE	S	N	BC282	2N2221	BSS26	400	25	600	42	TO18	17
BSX49	SIE	S	N	BSS26	2N2221	BSY34	400	40	600	42	TO18	17
BSX59	PH	S	N	BSX61	BSV95		450	45	1000	25	TO5	8
BSX60	PH	S	N	BSX61		2N4047	475	30	1000	30	TO5	8
BSX61	PH	S	N		BSX59	BSV95	475	45	1000	100	TO5	8
BSX62	SIE	S	N	BFX34	BC323	BUY69	70	60	3 A	160	TO39	35
BSX63	SIE	S	N	BUY47			70	80	3 A	55	TO39	35
BSX87	SGS	S	N	BSX48	BSX19		370	15	500	55	TO18	17
BSX87A	SGS	S	N	BSX20	BSX93		600	15	500	55	TO18	17
BSX88	SGS	S	N	2N915	BF291A	BSX39	400	15	100	45	TO18	17
BSX88A	SGS	S	N	BSX39	BSX87A	2N2368	580	20	300	45	TO18	17
BSX93	SGS	S	N		2N2369	BSX87A	650	15	500	40	TO18	17
BSY17	SIE	S	N	BCY59A	BCY58	BSY63	280	12	200	60	TO18	17
BSY18	SIE	S	N	BCY59A	BCY58	BSY63	280	12	200	120	TO18	17
BSY34	SIE	S	N	BFX17	BSX38	BSX49	400	40	600	42	TO39	35
BSY58	SIE	S	N	BSY34	BSS28	BSX48	400	25	600	40	TO39	35