

**TABLA DE TRANSISTORES CON SUS PRINCIPALES CARACTERISTICAS**

Orden	Código	Tipo	I <sub>c</sub> (A)	V <sub>ceo</sub> (V)	P <sub>d</sub> (W)	h <sub>FE</sub>	f <sub>T</sub> (Mhz)	Encapsula do	Conexione s 123
1	2N7002D	FET	0.2	60	0.2	(CANAL N)	-	SMD SOT23	GSD
2	40841	FET	0.05	18	0.3	(CANAL N)	-	TO-18	DGG
3	2N4220	FET	0.015	30	0.3	(CANAL N)	-	TO-18	DSG
4	2N4416	FET	0.015	30	0.3	(CANAL N)	-	TO-18	SDG
5	2N4393	FET	0.005	40	1.8	(CANAL N)	-	TO-18	SDG
6	2N4093	FET	0.008	40	1.8	(CANAL N)	-	TO-18	SDG
7	2N4092	FET	0.015	40	1.8	(CANAL N)	-	TO-18	SDG
8	2N4091	FET	0.03	40	1.8	(CANAL N)	-	TO-18	SDG
9	2N4856A	FET	0.05	40	0.4	(CANAL N)	-	TO-18	SDG
10	2N4392	FET	0.075	40	1.8	(CANAL N)	-	TO-18	SDG
11	2N4858	FET	0.08	40	0.3	(CANAL N)	-	TO-18	SGD
12	2N4391	FET	0.15	40	1.8	(CANAL N)	-	TO-18	SDG
13	2N3686	FET	0.001	50	0.5	(CANAL N)	-	TO-18	SDG
14	2N4339	FET	0.001	50	0.3	(CANAL N)	-	TO-18	SGD
15	2N3823	FET	0.01	50	0.3	(CANAL N)	-	TO-18	SDG
16	3N163	FET	0.05	40	0.3	(CANAL P)	-	TO-71	DGS
17	U406	FET	0.01	50	0.3	DUAL FET N	-	TO-71	SDG
18	MPF102	FET	0.01	15	0.2	(CANAL N)	-	TO-92	DSG
19	2N3819	FET	0.02	25	0.4	(CANAL N)	-	TO-92	DGS
20	J309	FET	0.03	25	0.4	(CANAL N)	-	TO-92	DSG
21	J308	FET	0.06	25	0.4	(CANAL N)	-	TO-92	DSG
22	J310	FET	0.06	25	0.3	(CANAL N)	-	TO-92	DSG
23	2N5640	FET	0.005	30	0.3	(CANAL N)	-	TO-92	DSG
24	BF245A	FET	0.006	30	0.3	(CANAL N)	-	TO-92	GSD
25	2N5951	FET	0.007	30	0.3	(CANAL N)	-	TO-92	SGD
26	J270	FET	0.02	30	0.3	(CANAL P)	-	TO-92	SGD
27	2N5639	FET	0.025	30	0.3	(CANAL N)	-	TO-92	DSG
28	2N5638	FET	0.05	30	0.3	(CANAL N)	-	TO-92	DSG
29	VN0300L	FET	0.4	30	0.4	(CANAL N)	-	TO-92	SGD
30	2N5460	FET	0.005	40	0.3	(CANAL P)	-	TO-92	SDG
31	U1899	FET	0.008	40	0.3	(CANAL N)	-	TO-92	DSG
32	PN4858	FET	0.08	40	0.3	(CANAL N)	-	TO-92	GSD
33	2N5463	FET	0.005	60	0.3	(CANAL P)	-	TO-92	SDG
34	2N5464	FET	0.009	60	0.3	(CANAL P)	-	TO-92	SDG
35	ECG326	FET	0.009	60	0.3	(CANAL P)	-	TO-92	SDG
36	2N5465	FET	0.016	60	0.3	(CANAL P)	-	TO-92	SDG
37	2N7000	FET	0.28	60	0.8	(CANAL N)	-	TO-92	SGD
38	MPQ2222	NPN	0.8	40	0.5	50 (typ)	250	DIL-14	---
39	BUV98	NPN	30	400	150	5 MINIMO	5	ISOTOP	---
40	ESM3045AV	NPN	24	450	125	-	-	ISOTOP	---
41	MMBTA13	NPN	0.3	30	0.2	5K MINIMO	125	SMD SOT23	EBC
42	MMBT3904	NPN	0.2	40	0.2	100 - 300	300	SMD SOT23	BEC
43	MMBT2222A	NPN	0.6	40	0.2	3 (typ)	300	SMD SOT23	BEC
44	MMBT4401	NPN	0.6	40	0.2	100 - 300	250	SMD SOT23	BEC
45	MMBTA06	NPN	0.5	80	0.2	50 MINIMO	100	SMD SOT23	BEC
46	2N5642	NPN	3	35	30	5 MIN	250	STX-8	-
47	2N3643	NPN	0.5	30	0.3	2.5 (typ)	250	TO-105	EBC
48	2N3567	NPN	0.5	40	0.3	40 - 300	60	TO-105	EBC
49	2N3569	NPN	0.5	40	0.3	3 (typ)	60	TO-105	EBC
50	2N3568	NPN	0.5	60	0.3	40 - 300	60	TO-105	EBC
51	2N5134	NPN	0.1	10	0.2	-	250	TO-106	EBC
52	2N3563	NPN	0.05	12	0.2	6 (typ)	600	TO-106	EBC
53	2N5129	NPN	0.5	12	0.3	20 - 250	150	TO-106	EBC
54	2N3646	NPN	0.2	15	0.2	30 (typ)	350	TO-106	EBC
55	2N3565	NPN	0.05	25	0.2	120 (typ)	40	TO-106	EBC
56	2N4945	NPN	0.5	40	0.2	-	300	TO-106	EBC
57	BD329	NPN	3	20	15	85 - 375	130	TO-126	ECB
58	MJE200	NPN	5	25	15	45 - 180	65	TO-126	ECB
59	ECG295	NPN	1	40	5	20 MIN	150	TO-126	ECB
60	MJE180	NPN	3	40	12	50 - 250	50	TO-126	ECB
61	2N5190	NPN	4	40	40	25 - 100	2	TO-126	ECB
62	BD135	NPN	0.5	45	6.5	40 - 250	50	TO-126	ECB
63	BD675	NPN	4	45	40	750 MINIMO	10	TO-126	ECB
64	BD137	NPN	0.5	60	6.5	40 - 160	50	TO-126	ECB
65	BD677	NPN	4	60	40	500 (typ)	1	TO-126	ECB
66	MJE800	NPN	4	60	40	750 MINIMO	1	TO-126	ECB
67	BD139	NPN	0.5	80	6.5	40 - 160	50	TO-126	ECB
68	2N4923	NPN	1	80	30	20 - 100	3	TO-126	ECB
69	BD237	NPN	2	80	25	40 - 250	3	TO-126	ECB
70	MJE182	NPN	3	80	12	50 - 250	50	TO-126	ECB

71	2N5192	NPN	4	80	40	20 - 80	2	TO-126	ECB
72	2N6039	NPN	4	80	40	750 - 18K	25	TO-126	ECB
73	BD679	NPN	4	80	40	750 MINIMO	10	TO-126	ECB
74	MJE270	NPN	2	100	15	1.5K MIN.	6	TO-126	ECB
75	BD681	NPN	4	100	40	750 MINIMO	10	TO-126	ECB
76	BF457	NPN	0.1	160	1.2	25 - 50	90	TO-126	ECB
77	ECG373	NPN	1.5	160	1	100 (typ)	140	TO-126	ECB
78	BF458	NPN	0.1	250	1.2	25 - 50	90	TO-126	ECB
79	MJE340	NPN	0.5	300	20	30 - 240	-	TO-126	ECB
80	MJE13002	NPN	1.5	300	40	8 - 40	10	TO-126	BCE
81	MJE3439	NPN	0.3	350	15	50 - 200	15	TO-126	ECB
82	2N5657	NPN	0.5	350	20	30 - 250	10	TO-126	ECB
83	2N3011	NPN	0.2	12	0.3	30 - 120	400	TO-18	EBC
84	2N708	NPN	0.1	15	0.4	30 (typ)	300	TO-18	EBC
85	2N2368	NPN	0.5	15	0.4	20 (typ)	400	TO-18	EBC
86	2N2369A	NPN	0.5	15	0.4	20 - 120	500	TO-18	EBC
87	BC109C	NPN	0.1	20	0.3	600 (typ)	300	TO-18	EBC
88	BC108C	NPN	0.2	25	0.6	420 (typ)	150	TO-18	EBC
89	2N4013	NPN	0.5	30	0.4	30 - 150	300	TO-18	EBC
90	BCY58	NPN	0.2	32	0.3	-	150	TO-18	EBC
91	2N2221A	NPN	0.8	40	0.5	40 - 120	250	TO-18	EBC
92	2N2222A	NPN	0.8	40	0.5	3 (typ)	300	TO-18	EBC
93	BC107B	NPN	0.1	45	0.3	330 (typ)	300	TO-18	EBC
94	BCY59	NPN	0.2	45	0.3	125 (typ)	280	TO-18	EBC
95	2N4014	NPN	0.5	50	0.4	150 (typ)	300	TO-18	EBC
96	2N2484	NPN	0.05	60	0.4	100 - 500	60	TO-18	EBC
97	2N3700	NPN	1	80	0.5	80 (typ)	100	TO-18	EBC
98	2SC1226	NPN	3	20	10	30 - 220	150	TO-202	BCE
99	MPSU01	NPN	2	30	1	50 - 100	50	TO-202	EBC
100	ECG268	NPN	2	50	10	1000 MIN	-	TO-202	EBC
101	MPSU10	NPN	0.5	300	1	25 MINIMO	60	TO-202	EBC
102	2N6559	NPN	0.5	350	10	40 - 180	45	TO-202	EBC
103	D44C3	NPN	4	30	30	40 - 120	50	TO-220	ECB
104	D40C5	NPN	0.5	40	6.5	40K MINIMO	100	TO-220	EBC
105	2N6103	NPN	16	40	75	15 - 60	-	TO-220	BCE
106	D44H5	NPN	10	45	50	60 MINIMO	50	TO-220	BCE
107	D40K2	NPN	2	50	10	1K MINIMO	75	TO-220	EBC
108	2N6551	NPN	1	60	2	80 - 300	75	TO-220	EBC
109	TIP120	NPN	5	60	75	1K MINIMO	4	TO-220	BCE
110	BD243A	NPN	8	60	65	15 (typ)	3	TO-220	BCE
111	2N6387	NPN	10	60	65	1K - 20K	20	TO-220	BCE
112	D44H8	NPN	10	60	50	40 MINIMO	50	TO-220	BCE
113	MJE2801T	NPN	10	60	75	25 - 100	-	TO-220	BCE
114	MJE3055T	NPN	10	60	75	20 - 100	2	TO-220	BCE
115	2N5298	NPN	4	70	36	20 - 80	0.8	TO-220	BCE
116	D40E7	NPN	2	80	8	10 MINIMO	75	TO-220	EBC
117	2N6123	NPN	4	80	40	20 - 80	2.5	TO-220	BCE
118	TIP121	NPN	5	80	75	1K MINIMO	4	TO-220	BCE
119	2N6044	NPN	8	80	2.2	1K - 20K	4	TO-220	BCE
120	BD647	NPN	8	80	62	750 MINIMO	0.1	TO-220	BCE
121	BDX53B	NPN	8	80	60	750 MINIMO	20	TO-220	BCE
122	2N6388	NPN	10	80	65	1K - 20K	20	TO-220	BCE
123	D44H11	NPN	10	80	50	60 MINIMO	50	TO-220	BCE
124	2N6488	NPN	15	80	75	20 - 150	5	TO-220	BCE
125	D44VH10	NPN	15	80	83	20 MINIMO	50	TO-220	BCE
126	TIP29C	NPN	1	100	30	40 MINIMO	3	TO-220	BCE
127	TIP112	NPN	2	100	50	500 MINIMO	-	TO-220	BCE
128	TIP31C	NPN	3	100	40	25 MINIMO	3	TO-220	BCE
129	TIP122	NPN	5	100	75	1K MINIMO	4	TO-220	BCE
130	TIP41C	NPN	6	100	65	30 MINIMO	3	TO-220	BCE
131	2N6045	NPN	8	100	2.2	1K - 20K	4	TO-220	BCE
132	BDX53C	NPN	8	100	60	750 MINIMO	20	TO-220	BCE
133	TIP102	NPN	8	100	80	1K - 20K	4	TO-220	BCE
134	BDX33C	NPN	10	100	70	750 (typ)	20	TO-220	ECB
135	BDW93C	NPN	12	100	80	750 - 2K	20	TO-220	BCE
136	TIP29D	NPN	1	120	30	40 MINIMO	3	TO-220	BCE
137	TIP31D	NPN	3	120	40	25 MINIMO	3	TO-220	BCE
138	2N6533	NPN	8	120	26	100 - 5K	20	TO-220	BCE
139	BU807	NPN	8	150	60	375 (typ)	-	TO-220	BCE
140	MJE15030	NPN	8	150	50	40 MINIMO	30	TO-220	BCE
141	BU406	NPN	7	200	65	10 MINIMO	4	TO-220	BCE
142	BU406D	NPN	7	200	60	DAMPER	10	TO-220	BCE
143	BU406F	NPN	7	200	18	AISLADO	4	TO-220	BCE
144	BU806	NPN	8	200	60	375 (typ)	-	TO-220	BCE

145	BU408	NPN	10	200	60	5	10	TO-220	BCE
146	BU408D	NPN	10	200	60	DAMPER	10	TO-220	BCE
147	TIP48	NPN	1	300	40	30 - 250	10	TO-220	BCE
148	BU407	NPN	7	330	60	10 MINIMO	10	TO-220	BCE
149	BU407D	NPN	7	330	60	DAMPER	10	TO-220	BCE
150	MJE2360T	NPN	0.5	350	30	25 - 200	10	TO-220	BCE
151	TIP50	NPN	1	400	40	30 - 250	10	TO-220	BCE
152	BUX84	NPN	2	400	40	50 MINIMO	20	TO-220	BCE
153	MJE13005	NPN	4	400	75	6 - 30	4	TO-220	BCE
154	2SC4418	NPN	5	400	30	10 MINIMO	20	TO-220	BCE
155	MJE13070	NPN	5	400	80	8 MINIMO	-	TO-220	BCE
156	2SC2335	NPN	7	400	40	15 - 80	-	TO-220	BCE
157	2SC2810	NPN	7	400	40	15 - 80	-	TO-220	BCE
158	2SC3039	NPN	7	400	50	14 (typ)	20	TO-220	BCE
159	2SC4242	NPN	7	400	60	10 MINIMO	-	TO-220	BCE
160	MJE13007	NPN	8	400	80	8 - 40	4	TO-220	BCE
161	MJE13009	NPN	12	400	100	6 - 30	4	TO-220	BCE
162	2SC4053	NPN	5	450	50	10 MINIMO	20	TO-220	BCE
163	BUT11A	NPN	5	450	100	28 MINIMO	-	TO-220	BCE
164	MJE13071	NPN	5	450	80	8 MINIMO	-	TO-220	BCE
165	BUT12AF	NPN	8	450	23	30 MINIMO	-	TO-220	BCE
166	BUT12A	NPN	10	450	125	30 MINIMO	-	TO-220	BCE
167	MJE12007	NPN	2.5	750	65	-	4	TO-220	BCE
168	2SC3150	NPN	3	800	50	10 MINIMO	15	TO-220	BCE
169	2SC3457	NPN	3	800	50	10 - 40	15	TO-220	ECB
170	BUT56A	NPN	10	1000	100	4 MINIMO	10	TO-220	ECB
171	2N3771	NPN	30	40	150	15 - 60	0.2	TO-3	BEC
172	2N3713	NPN	10	60	150	25 - 75	0.03	TO-3	BEC
173	2N3715	NPN	10	60	150	50 - 150	4	TO-3	BEC
174	MJ3000	NPN	10	60	150	1K MINIMO	1	TO-3	BEC
175	2N3055H	NPN	15	60	115	20 - 70	0.8	TO-3	BEC
176	2N3772	NPN	20	60	150	15 - 60	-	TO-3	BEC
177	2N5885	NPN	25	60	200	20 - 100	4	TO-3	BEC
178	BUW38	NPN	30	60	150	20 - 60	8	TO-3	BEC
179	2N5685	NPN	50	60	300	15 - 60	2	TO-3	BEC
180	2N3055	NPN	15	70	115	20 - 70	0.01	TO-3	BEC
181	2N3448	NPN	7.5	80	115	40 - 120	10	TO-3	BEC
182	2N6056	NPN	8	80	100	750 - 18K	4	TO-3	BEC
183	MJ1001	NPN	8	80	90	1K MINIMO	4	TO-3	BEC
184	2N3716	NPN	10	80	150	50 - 150	4	TO-3	BEC
185	2N6385	NPN	10	80	100	1K - 20K	20	TO-3	BEC
186	MJ3001	NPN	10	80	150	1K MINIMO	1	TO-3	BEC
187	2N5970	NPN	15	80	85	20 - 60	4	TO-3	BEC
188	2N5886	NPN	25	80	200	20 - 100	4	TO-3	BEC
189	BUW39	NPN	30	80	150	20 - 60	8	TO-3	BEC
190	2N5686	NPN	50	80	300	15 - 60	2	TO-3	BEC
191	2N3236	NPN	15	90	150	17 - 60	0.02	TO-3	BEC
192	2N5038	NPN	20	90	140	20 - 100	60	TO-3	BEC
193	MJ802	NPN	30	90	200	25 - 100	2	TO-3	BEC
194	2N6059	NPN	12	100	150	750 - 18K	4	TO-3	BEC
195	MJ4035	NPN	16	100	150	3500 (typ)	-	TO-3	BEC
196	2N6284	NPN	20	100	160	750 - 18K	4	TO-3	BEC
197	2N6338	NPN	25	100	200	30 - 120	40	TO-3	BEC
198	BDX65C	NPN	12	120	117	1K MINIMO	7	TO-3	BEC
199	2N6578	NPN	15	120	120	2K - 20K	40	TO-3	BEC
200	MJ15015	NPN	15	120	180	20 - 70	1	TO-3	BEC
201	2N5630	NPN	16	120	200	20 - 80	1	TO-3	BEC
202	2N6339	NPN	25	120	200	30 - 120	40	TO-3	BEC
203	MJ11016	NPN	30	120	200	1K MINIMO	4	TO-3	BEC
204	2N6033	NPN	40	120	140	10 - 50	50	TO-3	BEC
205	MJ11032	NPN	50	120	300	1K - 18K	-	TO-3	BEC
206	ECG281	NPN	12	140	100	70 MIN	6	TO-3	BEC
207	MJ15001	NPN	15	140	200	25 - 150	2	TO-3	BEC
208	2N3773	NPN	16	140	150	15 - 60	4	TO-3	BEC
209	2N5631	NPN	16	140	200	15 - 60	1	TO-3	BEC
210	MJ15003	NPN	20	140	250	25 - 150	4	TO-3	BEC
211	2N6340	NPN	25	140	200	30 - 120	40	TO-3	BEC
212	MJ11018	NPN	15	150	175	400 - 15K	3	TO-3	BEC
213	2N6259	NPN	16	150	250	15 - 60	-	TO-3	BEC
214	2N6277	NPN	50	150	250	30 - 120	30	TO-3	BEC
215	2N3442	NPN	10	160	117	20 - 70	-	TO-3	BEC
216	IR410	NPN	7	200	100	30 - 90	2.5	TO-3	BEC
217	BU606	NPN	10	200	90	7.7 MINIMO	10	TO-3	BEC
218	BUX41	NPN	15	200	120	15 - 45	8	TO-3	BEC

219	MJ15022	NPN	16	200	250	60 (typ)	5	TO-3	BEC
220	BUX11	NPN	20	200	150	20 - 60	8	TO-3	BEC
221	2N6249	NPN	10	225	100	10 - 50	2.5	TO-3	BEC
222	MJ3029	NPN	5	250	125	30 MINIMO	-	TO-3	BEC
223	2N6306	NPN	8	250	125	15 - 75	5	TO-3	BEC
224	MJ15011	NPN	10	250	200	5 - 100	-	TO-3	BEC
225	MJ11022	NPN	15	250	175	400 - 15K	-	TO-3	BEC
226	MJ15024	NPN	16	250	250	15 - 60	4	TO-3	BEC
227	BUX12	NPN	20	250	150	20 MINIMO	8	TO-3	BEC
228	2N5838	NPN	3	275	57	8 - 40	5	TO-3	BEC
229	2N3739	NPN	0.25	300	20	40 - 200	10	TO-3	BEC
230	BU126	NPN	3	300	30	15 - 60	8	TO-3	BEC
231	2N5240	NPN	5	300	100	20 - 80	5	TO-3	BEC
232	2N6575	NPN	10	300	125	7 - 21	5	TO-3	BEC
233	IR519	NPN	10	300	125	25 - 75	5	TO-3	BEC
234	BUV62A	NPN	40	300	250	-	-	TO-3	BEC
235	MJ3030	NPN	5	325	125	3.75MINIMO	-	TO-3	BEC
236	2N5840	NPN	3	350	100	10 - 50	5	TO-3	BEC
237	MJ10002	NPN	10	350	150	30 - 300	10	TO-3	BEC
238	MJ10006	NPN	10	350	150	30 - 300	10	TO-3	BEC
239	PTC6251	NPN	10	350	150	10 - 120	-	TO-3	BEC
240	2N6251	NPN	15	350	175	6 - 50	2.5	TO-3	BEC
241	IR5060	NPN	20	350	125	20 MINIMO	8	TO-3	BEC
242	MJ10004	NPN	20	350	175	50 - 600	-	TO-3	BEC
243	PTC6060	NPN	20	350	175	30 - 120	-	TO-3	BEC
244	2N5241	NPN	5	400	125	15 - 35	2.5	TO-3	BEC
245	2N6543	NPN	5	400	100	7 - 35	6	TO-3	BEC
246	IR401	NPN	5	400	100	20 - 100	2.5	TO-3	BEC
247	IR403	NPN	7	400	125	-	-	TO-3	BEC
248	IR409	NPN	7	400	125	15 MINIMO	2.5	TO-3	BEC
249	RCA423	NPN	7	400	125	30 - 90	4	TO-3	BEC
250	2N6308	NPN	8	400	125	12 - 60	5	TO-3	BEC
251	2N6545	NPN	8	400	125	7 - 35	6	TO-3	BEC
252	2N6673	NPN	8	400	150	10 - 40	15	TO-3	BEC
253	BU326A	NPN	8	400	60	30 (typ)	6	TO-3	BEC
254	BU526	NPN	8	400	86	15 - 45	10	TO-3	BEC
255	BUX44	NPN	8	400	120	15 - 45	8	TO-3	BEC
256	BUX47	NPN	8.5	400	107	7	7	TO-3	BEC
257	2N6580	NPN	10	400	71	7 - 35	13	TO-3	BEC
258	BUY69A	NPN	10	400	100	15 MINIMO	6	TO-3	BEC
259	MJ10003	NPN	10	400	150	30 - 300	10	TO-3	BEC
260	MJ10007	NPN	10	400	150	30 - 300	10	TO-3	BEC
261	MJ10012	NPN	10	400	175	100 - 2K	-	TO-3	BEC
262	MJ12010	NPN	10	400	100	4.2 MINIMO	-	TO-3	BEC
263	MJ413	NPN	10	400	125	20 - 80	2.5	TO-3	BEC
264	MJ423	NPN	10	400	125	30 - 90	2.5	TO-3	BEC
265	MJ431	NPN	10	400	125	15 - 35	2.5	TO-3	BEC
266	2N6547	NPN	15	400	175	6 - 30	6	TO-3	BEC
267	2N6675	NPN	15	400	175	8 - 20	15	TO-3	BEC
268	2N6678	NPN	15	400	175	8 MINIMO	3	TO-3	BEC
269	BUX37	NPN	15	400	35	20 MINIMO	-	TO-3	BEC
270	IR4040	NPN	15	400	125	250 MINIMO	8	TO-3	BEC
271	IR4045	NPN	15	400	125	500 MINIMO	8	TO-3	BEC
272	PTC6001	NPN	15	400	175	40 - 160	-	TO-3	BEC
273	IR5061	NPN	20	400	125	20 MINIMO	8	TO-3	BEC
274	MJ10001	NPN	20	400	175	50 - 600	-	TO-3	BEC
275	MJ10005	NPN	20	400	175	40 - 400	10	TO-3	BEC
276	PTC6061	NPN	20	400	125	30 MINIMO	8	TO-3	BEC
277	MJ10015	NPN	50	400	250	10 MINIMO	4	TO-3	BEC
278	MJ13071	NPN	5	450	125	8 (typ)	-	TO-3	BEC
279	BUX81	NPN	10	450	100	30 MINIMO	6	TO-3	BEC
280	PTC6253	NPN	10	450	150	10 - 120	-	TO-3	BEC
281	BUX48A	NPN	15	450	175	8 MINIMO	5	TO-3	BEC
282	MJ16012	NPN	15	450	175	7 MINIMO	-	TO-3	BEC
283	PTC6002	NPN	15	450	175	40 - 160	-	TO-3	BEC
284	IR5062	NPN	20	450	125	20 MINIMO	8	TO-3	BEC
285	PTC6062	NPN	20	450	125	30 MINIMO	8	TO-3	BEC
286	BUF420M	NPN	30	450	200	-	0.1	TO-3	BEC
287	BUX98A	NPN	30	450	250	-	5	TO-3	BEC
288	2N5157	NPN	3.5	500	100	30 - 90	2.8	TO-3	BEC
289	BU536	NPN	4	500	50	5.5 MINIMO	-	TO-3	BEC
290	IR4050	NPN	15	500	125	100 MINIMO	8	TO-3	BEC
291	IR4055	NPN	15	500	125	200 MINIMO	8	TO-3	BEC
292	MJ10009	NPN	20	500	175	30 - 300	8	TO-3	BEC

293	MJ10016	NPN	50	500	250	10 MINIMO	4	TO-3	BEC
294	BU204	NPN	2.5	600	10	2 MINIMO	7.5	TO-3	BEC
295	BU207	NPN	5	600	13	2.2 MINIMO	4	TO-3	BEC
296	IR4065	NPN	15	600	125	15 MINIMO	8	TO-3	BEC
297	BU205	NPN	2.5	700	10	2 MINIMO	7.5	TO-3	BEC
298	BU208	NPN	5	700	13	2.3 MINIMO	7	TO-3	BEC
299	BU208A	NPN	5	700	125	2.2 MINIMO	4	TO-3	BEC
300	BU208D	NPN	5	700	60	DAMPER	7	TO-3	BEC
301	BUX98C	NPN	30	700	250	-	8	TO-3	BEC
302	BU105	NPN	2.5	750	10	-	7.5	TO-3	BEC
303	MJ12004	NPN	5	750	100	-	4	TO-3	BEC
304	IR701	NPN	1	800	50	20 MINIMO	1.5	TO-3	BEC
305	BU206	NPN	2.5	800	10	1.8 MINIMO	7.5	TO-3	BEC
306	MJ8503	NPN	5	800	150	7.5 MINIMO	-	TO-3	BEC
307	2SC3156	NPN	6	800	120	8 MINIMO	-	TO-3	BEC
308	MJ16018	NPN	10	800	175	4 MINIMO	-	TO-3	BEC
309	MJ8505	NPN	10	800	175	7.5 MINIMO	-	TO-3	BEC
310	PTC9001	NPN	15	900	175	20 MINIMO	-	TO-3	BEC
311	BUS48A	NPN	15	1000	175	-	10	TO-3	BEC
312	BU546	NPN	8	1300	100	5 MINIMO	10	TO-3	BEC
313	MJ12002	NPN	2.5	1500	75	1.11 MIN.	4	TO-3	BEC
314	MJ12005	NPN	8	1500	100	5 MINIMO	-	TO-3	BEC
315	TIP33A	NPN	10	60	80	20 MINIMO	3	TO-3P	BCE
316	TIP3055	NPN	15	60	90	5 - 70	2.5	TO-3P	BCE
317	TIP142	NPN	10	100	125	500 MINIMO	-	TO-3P	BCE
318	TIP33C	NPN	10	100	80	20 MINIMO	-	TO-3P	BCE
319	TIP35C	NPN	25	100	125	10 - 50	-	TO-3P	BCE
320	TIP33D	NPN	10	120	80	20 MINIMO	3	TO-3P	BCE
321	BU124	NPN	10	150	50	10 (typ)	6	TO-3P	BCE
322	2SC3281	NPN	15	200	150	55 - 160	30	TO-3P	BCE
323	TIP52	NPN	3	300	3.5	30 - 150	2.5	TO-3P	BCE
324	TIP54	NPN	3	400	3.5	30 - 150	2.5	TO-3P	BCE
325	BU426A	NPN	6	400	70	40 (typ)	6	TO-3P	BCE
326	BU826A	NPN	6	400	115	100	-	TO-3P	BCE
327	TIP58A	NPN	7.5	400	50	10 - 100	-	TO-3P	BCE
328	BUW12	NPN	8	400	125	6 MINIMO	-	TO-3P	BCE
329	2SC2625	NPN	10	400	100	10 MINIMO	-	TO-3P	BCE
330	2SC3320	NPN	15	400	100	10 MINIMA	-	TO-3P	-
331	BUV48	NPN	15	400	150	5 MIN	10	TO-3P	BCE
332	BUW11A	NPN	5	450	100	6 MINIMO	-	TO-3P	BCE
333	BUV48A	NPN	15	450	150	5 MINIMO	10	TO-3P	BCE
334	BUW13A	NPN	15	450	175	30 MINIMO	-	TO-3P	BCE
335	MJW16010	NPN	15	450	135	5 MINIMO	-	TO-3P	BCE
336	BUF420A	NPN	30	450	200	-	0.1	TO-3P	BEC
337	BU2508A	NPN	8	700	125	6 - 26	-	TO-3P	BCE
338	BU2508AF	NPN	8	700	45	6 - 26	-	TO-3P	BCE
339	BU2508D	NPN	8	700	125	23 MAXIMO	-	TO-3P	BCE
340	BU2508DF	NPN	8	700	45	23 MAXIMO	-	TO-3P	BCE
341	BU508A	NPN	8	700	125	2.25 MIN	7	TO-3P	BCE
342	BU508AF	NPN	8	700	34	15 MINIMO	7	TO-3P	BCE
343	BU508D	NPN	8	700	125	DAMPER	7	TO-3P	BCE
344	BU508DF	NPN	8	700	34	-	7	TO-3P	BCE
345	2SC3460	NPN	6	800	100	10 - 40	15	TO-3P	BCE
346	BU2520AF	NPN	10	800	45	6 - 26	-	TO-3P	BCE
347	MJH12005	NPN	10	800	175	-	-	TO-3P	BCE
348	BU2525AF	NPN	12	800	45	6 - 26	-	TO-3P	BCE
349	2SC3883	NPN	5	1500	50	-	-	TO-3P	BCE
350	2N5179	NPN	0.05	12	0.2	25 (typ)	900	TO-5	EBC
351	2N3013	NPN	0.2	15	0.4	30 (typ)	350	TO-5	EBC
352	MRF227	NPN	0.6	16	8	20 - 200	225	TO-5	CBE
353	2N4252	NPN	0.05	18	0.2	50 (typ)	600	TO-5	EBC
354	2N6255	NPN	1	18	5	5 MINIMO	175	TO-5	EBC
355	2N4427	NPN	0.4	20	2	10 - 200	500	TO-5	EBC
356	2N5109	NPN	0.4	20	2.5	40 - 120	1200	TO-5	EBC
357	2N5188	NPN	1	25	0.8	25 (typ)	400	TO-5	EBC
358	2N3866	NPN	0.4	30	5	10 - 200	500	TO-5	EBC
359	2N3724	NPN	0.5	30	0.8	60 - 150	300	TO-5	EBC
360	2N2218A	NPN	0.8	30	0.8	25 (typ)	250	TO-5	EBC
361	2N1711	NPN	1	30	0.8	100 - 300	70	TO-5	EBC
362	2N2297	NPN	1	35	0.8	40 (typ)	60	TO-5	EBC
363	2N3553	NPN	0.35	40	7	15 - 150	350	TO-5	EBC
364	2N3053	NPN	0.7	40	5	50 - 250	100	TO-5	EBC
365	2N2219A	NPN	0.8	40	0.8	3 (typ)	300	TO-5	EBC
366	BC140-16	NPN	1	40	0.7	30 (typ)	50	TO-5	EBC

367	BC107C	NPN	0.2	45	0.6	-	150	TO-5	EBC
368	2N2270	NPN	1	45	1	50 - 200	100	TO-5	EBC
369	2N5786	NPN	3.5	45	10	20 - 100	1.5	TO-5	EBC
370	2N3725	NPN	0.5	50	0.8	60 (typ)	300	TO-5	EBC
371	2N1613	NPN	1	50	0.8	30 (typ)	60	TO-5	EBC
372	2N3507	NPN	3	50	1	30 - 150	60	TO-5	EBC
373	BC141-16	NPN	1	60	0.7	-	50	TO-5	EBC
374	BSX46-10	NPN	1	60	5	63 - 160	50	TO-5	EBC
375	BSX46-6	NPN	1	60	5	40 - 100	50	TO-5	EBC
376	2N2102	NPN	1	65	1	40 - 120	60	TO-5	EBC
377	2N5320	NPN	2	75	10	30 - 130	50	TO-5	EBC
378	2N699	NPN	0.15	80	0.6	40 - 120	50	TO-5	EBC
379	2N1893	NPN	0.5	80	0.8	30 (typ)	50	TO-5	EBC
380	2N2243	NPN	1	80	0.8	30 (typ)	50	TO-5	EBC
381	2N3019	NPN	1	80	0.8	5 (typ)	100	TO-5	EBC
382	2N3020	NPN	1	80	0.8	30 (typ)	80	TO-5	EBC
383	2N3666	NPN	1	80	1	100 - 300	60	TO-5	EBC
384	BSX47-10	NPN	1	80	5	63 - 160	50	TO-5	EBC
385	2N5784	NPN	3.5	80	10	20 - 100	1.5	TO-5	EBC
386	2N4305	NPN	5	80	1.5	50 - 150	-	TO-5	EBC
387	2N5339	NPN	5	100	10	60 - 240	30	TO-5	EBC
388	2N5682	NPN	1	120	1	40 - 150	30	TO-5	EBC
389	2N3500	NPN	0.3	150	1	40 - 120	150	TO-5	EBC
390	2N3440	NPN	1	250	1	40 - 160	15	TO-5	EBC
391	2N5058	NPN	0.15	300	1	35 - 150	30	TO-5	EBC
392	2N3439	NPN	1	350	1	40 - 160	15	TO-5	EBC
393	2N5010	NPN	0.5	500	2	30 - 180	20	TO-5	EBC
394	2N3054	NPN	4	60	25	25 - 150	0.03	TO-66	EBC
395	2N3879	NPN	7	75	35	12 - 100	40	TO-66	BEC
396	2N3767	NPN	1	80	20	40 - 160	10	TO-66	BEC
397	2N6295	NPN	4	80	50	750 - 18K	4	TO-66	BEC
398	2N6534	NPN	8	80	14	100 - 5K	20	TO-66	BEC
399	2N3441	NPN	3	140	25	25 - 100	-	TO-66	BEC
400	2N4240	NPN	2	300	35	10 - 100	15	TO-66	BEC
401	2N3585	NPN	5	300	35	8 - 80	10	TO-66	BEC
402	2N6079	NPN	7	375	25	12 - 50	1	TO-66	BEC
403	2N4294	NPN	0.2	12	0.2	30 (typ)	400	TO-92	ECB
404	2N5770	NPN	0.05	15	0.7	40 (typ)	900	TO-92	EBC
405	2N2714	NPN	0.2	18	0.2	80 (typ)	-	TO-92	ECB
406	2A254	NPN	0.03	20	0.2	35 MINIMO	-	TO-92	BEC
407	2A255	NPN	0.03	20	0.2	35 MINIMO	-	TO-92	BEC
408	BF254	NPN	0.03	20	0.1	100 (typ)	260	TO-92	CEB
409	BF255	NPN	0.03	20	0.2	67 (typ)	200	TO-92	CEB
410	BF495	NPN	0.03	20	0.3	67 (typ)	200	TO-92	CEB
411	2A216	NPN	0.05	20	0.3	140 - 510	-	TO-92	EBC
412	2A217	NPN	0.05	20	0.3	140 - 510	-	TO-92	EBC
413	2N3706	NPN	0.8	20	0.4	30 - 600	100	TO-92	ECB
414	BF199	NPN	0.025	25	0.5	115 (typ)	550	TO-92	BEC
415	MPSH10	NPN	0.04	25	0.3	60 (typ)	650	TO-92	BEC
416	2N2923	NPN	0.1	25	0.2	90 (typ)	-	TO-92	ECB
417	2N2925	NPN	0.1	25	0.2	150 - 300	160	TO-92	ECB
418	2N3391	NPN	0.1	25	0.2	250 (typ)	-	TO-92	ECB
419	2N3398	NPN	0.1	25	0.2	55 - 800	-	TO-92	ECB
420	2N5172	NPN	0.1	25	0.2	100 (typ)	-	TO-92	ECB
421	2N5225	NPN	0.1	25	0.3	25 MINIMO	50	TO-92	EBC
422	BC238B	NPN	0.1	25	0.3	240 - 500	150	TO-92	CBE
423	BC239B	NPN	0.1	25	0.3	240 - 500	150	TO-92	CBE
424	2N4124	NPN	0.2	25	0.4	120 (typ)	300	TO-92	EBC
425	2N5305	NPN	0.2	25	0.4	2K - 20K	60	TO-92	ECB
426	2N5306	NPN	0.3	25	0.4	7K - 70K	60	TO-92	ECB
427	2N3415	NPN	0.5	25	0.3	180 - 540	-	TO-92	EBC
428	BC338-25	NPN	0.8	25	0.6	-	100	TO-92	CBE
429	BF198	NPN	0.025	30	0.2	60 (typ)	400	TO-92	BEC
430	2N3711	NPN	0.03	30	0.4	180 - 680	-	TO-92	ECB
431	2N5088	NPN	0.05	30	0.4	300 - 900	50	TO-92	EBC
432	2N3859	NPN	0.1	30	0.6	100 - 200	90	TO-92	ECB
433	BC548	NPN	0.1	30	0.5	125 MINIMO	300	TO-92	CBE
434	BC549	NPN	0.1	30	0.5	240 MINIMO	200	TO-92	CBE
435	2A258	NPN	0.2	30	0.3	110 MINIMO	150	TO-92	EBC
436	2A259	NPN	0.2	30	0.3	110 MINIMO	150	TO-92	EBC
437	2N4123	NPN	0.2	30	0.4	50 - 150	250	TO-92	EBC
438	2N3416	NPN	0.5	30	0.3	75 - 225	-	TO-92	EBC
439	2N3417	NPN	0.5	30	0.4	180 - 540	-	TO-92	ECB
440	2N4953	NPN	0.5	30	0.3	75 MINIMO	250	TO-92	ECB

441	MPSA13	NPN	0.5	30	0.7	5K MINIMO	125	TO-92	EBC
442	MPSA14	NPN	0.5	30	1	10K MINIMO	125	TO-92	EBC
443	PN2222	NPN	0.6	30	0.6	35 MINIMO	250	TO-92	EBC
444	2N3704	NPN	0.8	30	0.4	100 - 300	100	TO-92	ECB
445	2N3705	NPN	0.8	30	0.4	50 - 150	100	TO-92	ECB
446	2N5089	NPN	0.05	35	0.4	400 - 1200	50	TO-92	EBC
447	MPSA20	NPN	0.1	40	1	40 (typ)	125	TO-92	EBC
448	2N3903	NPN	0.2	40	0.4	50 (typ)	250	TO-92	EBC
449	2N3904	NPN	0.2	40	0.4	100 - 300	300	TO-92	EBC
450	MPSA10	NPN	0.2	40	0.3	40 - 400	50	TO-92	EBC
451	TIS97	NPN	0.2	40	0.4	250 - 700	200	TO-92	EBC
452	PN3569	NPN	0.5	40	0.6	100 - 300	60	TO-92	EBC
453	2N4400	NPN	0.6	40	0.3	50 - 150	200	TO-92	EBC
454	2N4401	NPN	0.6	40	0.4	100 - 300	250	TO-92	EBC
455	2N6724	NPN	2	40	1	25K (typ)	-	TO-92	CBE
456	2N5962	NPN	0.05	45	0.6	1400 MAX	-	TO-92	EBC
457	BC237	NPN	0.1	45	0.3	120 MINIMO	200	TO-92	CBE
458	BC414	NPN	0.1	45	0.3	330 (typ)	250	TO-92	CBE
459	BC547	NPN	0.1	45	0.5	125 MINIMO	300	TO-92	CBE
460	BCX59	NPN	0.2	45	0.5	-	250	TO-92	CBE
461	BC337-25	NPN	0.8	45	0.6	-	100	TO-92	CBE
462	2N5209	NPN	0.05	50	0.4	150 (typ)	30	TO-92	EBC
463	2N5210	NPN	0.05	50	0.4	200 - 600	30	TO-92	EBC
464	2SC945	NPN	0.1	50	0.2	200 (typ)	250	TO-92	ECB
465	2N4409	NPN	0.25	50	0.6	60 - 400	60	TO-92	EBC
466	ECG293	NPN	1	50	0.7	-	200	TO-92	ECB
467	TIS98	NPN	0.2	60	0.4	100 - 300	200	TO-92	EBC
468	MPSA05	NPN	0.5	60	0.6	50 MINIMO	100	TO-92	EBC
469	2N6716	NPN	2	60	2	50 - 250	50	TO-92	EBC
470	BC546	NPN	0.1	65	0.5	125 MINIMO	300	TO-92	CBE
471	ECG85	NPN	0.4	70	0.6	-	200	TO-92	ECB
472	2N4410	NPN	0.25	80	0.6	60 (typ)	60	TO-92	EBC
473	MPSA06	NPN	0.5	80	0.6	50 MINIMO	100	TO-92	EBC
474	2N6718	NPN	0.25	100	0.9	50 - 250	50	TO-92	EBC
475	ECG382	NPN	1	100	0.9	200 (typ)	140	TO-92	ECB
476	2N5550	NPN	0.6	140	0.4	50 (typ)	100	TO-92	EBC
477	2N5551	NPN	0.6	160	0.3	50 (typ)	100	TO-92	EBC
478	MPSA42	NPN	0.5	300	0.6	40 MINIMO	50	TO-92	EBC
479	2N6517	NPN	0.5	350	0.6	2 (TYP)	40	TO-92	-
480	MPQ3906	PNP	0.2	40	0.4	100 - 300	250	DIL-14	---
481	MPQ2907	PNP	0.6	40	0.6	100 - 300	200	DIL-14	---
482	MPQ3467	PNP	1	40	1	40 - 125	175	DIL-14	---
483	MMBT3906	PNP	0.2	40	0.2	100 - 300	250	SMD SOT23	BEC
484	MMBT4403	PNP	0.5	40	0.2	50 - 150	200	SMD SOT23	BEC
485	MMBT2907A	PNP	0.6	60	0.2	100 - 300	200	SMD SOT23	BEC
486	MMBTA56	PNP	0.5	80	0.2	50 (typ)	50	SMD SOT23	BEC
487	2N3638	PNP	0.5	25	0.3	25 (typ)	100	TO-105	EBC
488	2N3644	PNP	0.5	45	0.3	80 MINIMO	200	TO-105	EBC
489	2N3645	PNP	0.5	60	0.3	80 (typ)	200	TO-105	EBC
490	2N4354	PNP	0.5	60	0.3	25 MINIMO	500	TO-105	EBC
491	2N4356	PNP	0.5	80	0.3	25 MINIMO	500	TO-105	EBC
492	2N3639	PNP	0.08	6	0.2	5 (typ)	500	TO-106	EBC
493	2N4258	PNP	0.05	12	0.2	-	-	TO-106	EBC
494	2N5139	PNP	0.1	20	0.5	40 - 350	300	TO-106	EBC
495	2N5138	PNP	0.1	30	0.2	40 (typ)	30	TO-106	EBC
496	2N4250	PNP	0.1	40	0.2	250 MINIMO	-	TO-106	EBC
497	BC307A	PNP	0.1	45	0.2	125 - 160	-	TO-106	EBC
498	2N4249	PNP	0.1	60	0.2	100 - 300	-	TO-106	EBC
499	MJE210	PNP	5	25	1.5	45 - 180	65	TO-126	ECB
500	MJE170	PNP	3	40	12	50 - 250	50	TO-126	ECB
501	MJE371	PNP	4	40	40	40 MINIMO	-	TO-126	ECB
502	BD136	PNP	1.5	45	8	40 - 250	75	TO-126	ECB
503	BD138	PNP	0.5	60	6.5	40 - 160	75	TO-126	ECB
504	2N4919	PNP	1	60	30	20 - 100	3	TO-126	ECB
505	BD678	PNP	4	60	40	750 MINIMO	10	TO-126	ECB
506	MJE700	PNP	4	60	40	750 MINIMO	1	TO-126	ECB
507	BD140	PNP	0.5	80	6.5	40 - 160	50	TO-126	ECB
508	2N4920	PNP	1	80	30	20 - 100	3	TO-126	ECB
509	MJE172	PNP	3	80	12	50 - 250	50	TO-126	ECB
510	2N5195	PNP	4	80	40	20 - 80	2	TO-126	ECB
511	2N6036	PNP	4	80	40	750 - 18K	25	TO-126	ECB
512	BD680A	PNP	4	80	40	750 MINIMO	10	TO-126	ECB
513	MJE251	PNP	4	80	15	40 - 120	40	TO-126	ECB
514	MJE271	PNP	2	100	15	1.5K MIN.	6	TO-126	ECB

515	BD682	PNP	4	100	40	750 MINIMO	10	TO-126	ECB
516	MJE253	PNP	4	100	15	40 - 180	40	TO-126	ECB
517	MJE350	PNP	0.5	300	20	30 - 240	-	TO-126	ECB
518	2N2894	PNP	0.2	12	1.2	40 - 150	400	TO-18	EBC
519	BC179B	PNP	0.1	20	0.3	290 (typ)	200	TO-18	EBC
520	2N3209	PNP	0.2	20	1.2	30 - 120	400	TO-18	EBC
521	BC178B	PNP	0.1	25	0.3	290 (typ)	200	TO-18	EBC
522	2N3251	PNP	0.2	40	0.4	100 - 300	300	TO-18	EBC
523	2N3964	PNP	0.2	45	0.3	250 (typ)	50	TO-18	EBC
524	BCY79	PNP	0.2	45	0.3	200 (typ)	200	TO-18	EBC
525	2N3250A	PNP	0.2	60	0.3	50 (typ)	250	TO-18	EBC
526	2N3962	PNP	0.2	60	0.3	100 (typ)	40	TO-18	EBC
527	2N2906A	PNP	0.6	60	0.4	40 - 120	200	TO-18	EBC
528	2N2907A	PNP	0.6	60	0.4	100 - 300	200	TO-18	EBC
529	2N4026	PNP	1	60	0.5	-	100	TO-18	EBC
530	2N3963	PNP	0.2	80	0.4	100 (typ)	40	TO-18	EBC
531	MPSU51A	PNP	2	40	1	55 MINIMO	50	TO-202	EBC
532	D45C1	PNP	4	30	30	10 MINIMO	40	TO-220	BCE
533	TIP30	PNP	1	40	30	40 MINIMO	3	TO-220	BCE
534	2N6554	PNP	1	60	2	80 - 300	75	TO-220	EBC
535	TIP30A	PNP	1	60	30	40 MINIMO	3	TO-220	BCE
536	TIP115	PNP	2	60	50	500 MINIMO	25	TO-220	BCE
537	TIP32A	PNP	3	60	40	25 MINIMO	3	TO-220	BCE
538	ECG153	PNP	7	60	50	60 (typ)	50	TO-220	BCE
539	D45H8	PNP	10	60	50	60 MINIMO	40	TO-220	ECB
540	MJE2901	PNP	10	60	90	ENC TO-127	-	TO-220	BCE
541	MJE2901T	PNP	10	60	75	25 - 100	-	TO-220	BCE
542	MJE2955T	PNP	10	60	90	20 - 100	2	TO-220	BCE
543	2N6107	PNP	7	70	40	30 - 150	10	TO-220	BCE
544	2N6126	PNP	4	80	40	20 - 80	2.5	TO-220	BCE
545	BD648	PNP	8	80	63	750 MINIMO	100	TO-220	BCE
546	2N6668	PNP	10	80	65	1K - 20K	20	TO-220	BCE
547	D45H11	PNP	10	80	50	60 MINIMO	40	TO-220	BCE
548	2N6491	PNP	15	80	75	20 - 150	5	TO-220	BCE
549	D45VH10	PNP	15	80	83	20 MINIMO	50	TO-220	BCE
550	TIP30C	PNP	1	100	30	40 MINIMO	3	TO-220	BCE
551	TIP117	PNP	2	100	50	1K MINIMO	25	TO-220	BCE
552	TIP32C	PNP	3	100	40	25 MINIMO	3	TO-220	BCE
553	TIP127	PNP	5	100	75	1K MINIMO	4	TO-220	BCE
554	TIP42C	PNP	6	100	65	30 MINIMO	3	TO-220	BCE
555	2N6042	PNP	8	100	75	1K - 20K	4	TO-220	BCE
556	BDX54C	PNP	8	100	60	750 MINIMO	20	TO-220	BCE
557	TIP107	PNP	8	100	80	1K - 20K	4	TO-220	BCE
558	BDX34C	PNP	10	100	70	750 MINIMO	3	TO-220	BCE
559	BDW94C	PNP	12	100	80	750 - 2K	20	TO-220	BCE
560	MJE15031	PNP	8	150	50	40 MINIMO	30	TO-220	BCE
561	MJ2500	PNP	10	60	150	1K (typ)	1	TO-3	BEC
562	MJ2955	PNP	15	60	115	20 - 70	2.5	TO-3	BEC
563	2N4399	PNP	30	60	200	15 - 60	2	TO-3	BEC
564	2N6246	PNP	15	70	125	20 - 100	10	TO-3	BEC
565	2N6054	PNP	8	80	100	750 - 18K	4	TO-3	BEC
566	MJ901	PNP	8	80	90	1K MINIMO	4	TO-3	BEC
567	2N3792	PNP	10	80	150	50 - 180	4	TO-3	BEC
568	2N6650	PNP	10	80	100	1K - 20K	20	TO-3	BEC
569	MJ2501	PNP	10	80	150	1K (typ)	1	TO-3	BEC
570	2N5880	PNP	15	80	160	20 - 100	4	TO-3	BEC
571	2N5684	PNP	50	80	300	15 - 60	2	TO-3	BEC
572	MJ4502	PNP	30	90	200	25 - 100	2	TO-3	BEC
573	2N6052	PNP	12	100	150	750 - 18K	4	TO-3	BEC
574	BDX66B	PNP	16	100	150	1K MINIMO	7	TO-3	BEC
575	MJ4032	PNP	16	100	150	3500 (typ)	-	TO-3	BEC
576	2N6287	PNP	20	100	160	750 - 18K	4	TO-3	BEC
577	2N6331	PNP	30	100	114	6 - 30	3	TO-3	BEC
578	2N6248	PNP	10	110	125	20 - 100	10	TO-3	BEC
579	BDX64C	PNP	12	120	117	1K MINIMO	7	TO-3	BEC
580	MJ15016	PNP	15	120	180	5 - 70	1	TO-3	BEC
581	2N6030	PNP	16	120	200	20 - 80	1	TO-3	BEC
582	MJ11015	PNP	30	120	200	1K MINIMO	4	TO-3	BEC
583	MJ11033	PNP	50	120	300	1K - 18K	-	TO-3	BEC
584	2N6031	PNP	16	140	200	15 - 60	1	TO-3	BEC
585	2N6609	PNP	16	140	150	15 - 60	4	TO-3	BEC
586	MJ15004	PNP	20	140	250	25 - 150	2	TO-3	BEC
587	MJ11021	PNP	15	250	175	400 - 15K	3	TO-3	BEC
588	MJ15025	PNP	16	250	250	15 - 60	5	TO-3	BEC



589	TIP145	PNP	10	60	125	500 MINIMO	4	TO-3P	BCE
590	TIP34A	PNP	10	60	80	20 - 100	3	TO-3P	BCE
591	TIP2955	PNP	15	60	90	5 - 70	2.5	TO-3P	BCE
592	TIP36A	PNP	25	60	125	10 - 75	3	TO-3P	BCE
593	TIP147	PNP	10	100	125	500 MINIMO	4	TO-3P	BCE
594	TIP34C	PNP	10	100	80	20 - 100	3	TO-3P	BCE
595	TIP36C	PNP	25	100	125	10 - 75	3	TO-3P	BCE
596	2N1991	PNP	0.6	20	0.6	15 MINIMO	40	TO-5	EBC
597	2N5023	PNP	0.5	30	1	40 - 100	200	TO-5	EBC
598	2N1132	PNP	0.6	35	0.6	25 MINIMO	60	TO-5	EBC
599	2N3134	PNP	0.6	35	0.6	100 - 300	200	TO-5	EBC
600	2N2904A	PNP	0.6	40	0.6	25 (typ)	200	TO-5	EBC
601	2N3467	PNP	1	40	1	40 - 125	175	TO-5	EBC
602	2N4037	PNP	1	40	1	50 - 250	60	TO-5	EBC
603	BC160-16	PNP	1	40	0.7	100 MINIMO	50	TO-5	EBC
604	2N5323	PNP	2	50	10	40-250	50	TO-5	EBC
605	2N2905A	PNP	0.6	60	0.6	100 - 300	200	TO-5	EBC
606	2N4030	PNP	1	60	0.8	30 MINIMO	100	TO-5	EBC
607	2N4032	PNP	1	60	0.8	75 MINIMO	150	TO-5	EBC
608	BC161-16	PNP	1	60	0.7	100 MINIMO	50	TO-5	EBC
609	2N3868	PNP	3	60	1	30 - 150	60	TO-5	EBC
610	2N4036	PNP	1	65	0.8	20 - 200	60	TO-5	EBC
611	2N5322	PNP	2	75	10	30 - 130	50	TO-5	EBC
612	2N3494	PNP	0.1	80	0.6	40 (typ)	200	TO-5	EBC
613	2N4031	PNP	1	80	0.8	30 (typ)	100	TO-5	EBC
614	2N4033	PNP	1	80	0.8	75 (typ)	150	TO-5	EBC
615	2N3224	PNP	0.6	100	0.7	20 (typ)	60	TO-5	EBC
616	2N6193	PNP	5	100	10	60 - 240	30	TO-5	EBC
617	2N5680	PNP	1	120	1	40 - 150	30	TO-5	EBC
618	2N3634	PNP	1	140	1	50 - 150	150	TO-5	EBC
619	2N5415	PNP	1	200	5	30 - 150	15	TO-5	EBC
620	2N5416	PNP	1	300	5	30 - 120	15	TO-5	EBC
621	2N3741	PNP	1	80	25	30 - 100	4	TO-66	BEC
622	2N6213	PNP	2	400	20	10 - 100	20	TO-66	BEC
623	2N5771	PNP	0.05	15	0.6	35 (typ)	850	TO-92	EBC
624	BC309	PNP	0.05	20	0.3	222 (typ)	130	TO-92	CBE
625	2N6076	PNP	0.1	25	0.4	100 - 500	200	TO-92	ECB
626	2N3702	PNP	0.2	25	0.4	60 (typ)	100	TO-92	ECB
627	2N4126	PNP	0.2	25	0.4	120 (typ)	250	TO-92	EBC
628	BC328	PNP	0.5	25	0.5	100 MINIMO	100	TO-92	CBE
629	2A3244	PNP	1	25	0.7	20 MINIMO	-	TO-92	EBC
630	BF324	PNP	0.025	30	0.2	-	450	TO-92	EBC
631	2A38	PNP	0.05	30	0.3	25 MINIMO	50	TO-92	EBC
632	2N4058	PNP	0.1	30	0.6	100 - 400	-	TO-92	ECB
633	2N4062	PNP	0.1	30	0.3	180 - 660	-	TO-92	ECB
634	2N5227	PNP	0.1	30	0.6	30 MINIMO	100	TO-92	EBC
635	BC558	PNP	0.1	30	0.5	75 MINIMO	150	TO-92	CBE
636	BC559	PNP	0.1	30	0.5	125 MINIMO	150	TO-92	CBE
637	PN5138	PNP	0.1	30	0.6	50 - 800	30	TO-92	EBC
638	2A3702	PNP	0.2	30	0.3	50 MINIMO	-	TO-92	EBC
639	2N3703	PNP	0.2	30	0.4	30 (typ)	100	TO-92	ECB
640	2N4125	PNP	0.2	30	0.3	50 - 150	200	TO-92	EBC
641	MPSA63	PNP	0.3	30	0.6	5K PULSADO	125	TO-92	EBC
642	2N4291	PNP	0.5	30	0.2	30 MINIMO	100	TO-92	ECB
643	BF451	PNP	0.025	40	0.2	30 MINIMO	325	TO-92	CEB
644	2N3905	PNP	0.2	40	0.4	50 - 150	200	TO-92	EBC
645	2N3906	PNP	0.2	40	0.4	100 - 300	250	TO-92	EBC
646	2N4402	PNP	0.6	40	0.4	50 - 150	150	TO-92	EBC
647	2N4403	PNP	0.6	40	0.4	50 - 150	200	TO-92	EBC
648	PN2907	PNP	0.6	40	0.6	100 - 300	200	TO-92	EBC
649	BC557	PNP	0.1	45	0.5	140 (typ)	150	TO-92	CBE
650	BC560	PNP	0.1	45	0.5	125 MINIMO	150	TO-92	CBE
651	BCX79	PNP	0.2	45	0.5	-	200	TO-92	CBE
652	BC327-25	PNP	0.8	45	0.6	-	100	TO-92	CBE
653	2N5086	PNP	0.05	50	0.4	150 - 500	40	TO-92	EBC
654	2N5087	PNP	0.05	50	0.4	250 - 800	50	TO-92	EBC
655	ECG294	PNP	1	50	0.7	120 MIN	200	TO-92	ECB
656	BC556	PNP	0.1	65	0.5	75 MINIMO	150	TO-92	CBE
657	ECG290	PNP	0.5	80	0.5	100 MIN	120	TO-92	ECB
658	MPSA56	PNP	0.5	80	0.6	50 (typ)	100	TO-92	EBC
659	2N5401	PNP	0.6	150	0.4	40 (typ)	100	TO-92	EBC
660	MPSA93	PNP	0.5	200	0.6	30 MINIMO	50	TO-92	EBC
661	MPSA92	PNP	0.5	300	0.6	25 MINIMO	50	TO-92	EBC
662	2N6520	PNP	0.5	350	0.6	20 MINIMO	40	TO-92	EBC

663	2N6027	PUT	0.15	40	0.4	UNI JUNTURA	-	TO-92	KGA
664	2N6028	PUT	0.15	40	0.4	UNI JUNTURA	-	TO-92	KGA
665	2N2646	UJT	0.05	35	0.3	UNI JUNTURA	-	TO-18	E12
666	2N2647	UJT	0.05	35	0.3	UNI JUNTURA	-	TO-18	E12
667	2N3980	UJT	0.05	35	0.3	UNI JUNTURA	-	TO-18	E12
668	MU20	UJT	0.05	35	0.3	(2N2646)	-	TO-18	E12
669	2N2160	UJT	0.05	55	0.4	UNI JUNTURA	-	TO-18	E12
670	2N4871	UJT	0.05	35	0.3	UNI JUNTURA	-	TO-92	1E2
671	MU10	UJT	0.05	35	0.3	(2A4891)	-	TO-92	1E2