

15. MISCELLANEOUS TRANSISTORS

IN ORDER OF: (1)CATEGORY,(2)TYPE NO.

LINE No.	TYPE No.	CATEGORY	STRUCTURE	M D W G # A Y200 s/a TO200 Ser.	L C E O A D E	DESCRIPTION
1#	BDX84A/65A	5	P-N	Si T03	CØ	Darlington;Pt 117W;BV CBO 80V;BVCEO 80V;hFE1/hFE2 2.5 max.
2#	BDX64B/65B	5	P-N	Si T03		Darlington;Pt 117W;BV CBO 100V;hFE1/hFE2 2.5 max.
3#	BDX66/67	5	P-N	Si T03		Darlington;Pt 150W;BV CBO 60V;BVCEO 60V;hFE1/hFE2 2.5 max
4#	BDX66A/67A	5	P-N	Si T03		Darlington;Pt 150W;BV CBO 80V;BVCEO 80V;hFE1/hFE2 2.5 max
5#	BDX66B/67B	5	P-N	Si T03		Darlington;Pt 150W;BV CBO 100V;BVCEO 100V;hFE1/hFE2 2.5 max
6#	BFX79	5	DPE	Si T077	PA	BVBCO-80V;BVCEO-60V;Pt-600mW;ft-100Mc;hFE-100 at IC-500mA.
7#	BFX80	5	DPL	Si T077	PA	BVBCO-60V;BVCEO-60V;Pt-500mW;ft-40Mc min;hFE-200 at IC-0.1mA.
8#	BFX81	5	DPE	Si T077	PA	BVBCO-25V;BVCEO-20V;Pt-500mW;ft-350Mc min;hFE-30 min at IC-10mA.
9#	FT5315	5	N-PE	Si R240		Darlington;Pt 600mW;BV CBO 250V;BVCEO 250V;hFE 500 min at IC 500mA,VCE 2V
10	MD985	5	P/N-AN*	Si R131f	PA	VCB 40Vdc;VCEO 15Vdc;Pd 550mW;ft 200MHz min;ton 25ns typ;toff 75ns typ.
11	MD985F	5	P/N-AN*	Si X22		Pd 550mW;VCB 15Vdc;Pd 350mW;ft 200MHz min;ton 25ns typ;toff 75ns typ.
12	MD986	5	E	Si T077	PA	VCBO-40V;VCEO-15V;Pc-500mW;ft-200Mc min;hFE-25 min. at IC-10mA.
13	MD986F	5	E	Si X22		VCBO-40V;VCEO-15V;Pc-250mW;ft-200Mc min;hFE-25 min. at IC-10mA.
14	MD6001	5	N-PAN	Si R131f	PA	Pd 550mW;VCB 60Vdc;VCEO 30Vdc;ft 200MHz min;Max tr 40,td 20,ts 280,tf 70ns.
15	MD6001F	5	N-PAN	Si X22		Pd 350mW;VCB 60Vdc;VCEO 30Vdc;ft 200MHz min;Max tr 40,td 20,ts 280,tf 70ns.
16	MD6002	5	N-PAN	Si R131f	PA	Pd 550mW;VCB 60Vdc;VCEO 30Vdc;ft 200MHz min;Max tr 40,td 20,ts 280,tf 70ns.
17	MD6002F	5	N-PAN	Si X22		Pd 350mW;VCB 60Vdc;VCEO 30Vdc;ft 200MHz min;Max tr 40,td 20,ts 280,tf 70ns.
18	MD6003	5	N-PAN	Si R131f	PA	Pd 550mW;VCB 50Vdc;VCEO 30Vdc;ft 200MHz min;Cob 8.0pf max.
19	MD6003F	5	N-PAN	Si X22		Pd 350mW;VCB 50Vdc;VCEO 30Vdc;ft 200MHz min;Cob 8.0pf max.
20	MD6100	5	P-NAN	Si T099	PA	Pt-600mW(both sides);VCEO-45V;hFE-100 at 100uA,5.0V.
21	MD6100F	5	P-NAN	Si T089	PB	PD(both sides)400mW max;VCEO-45V;hFE 100 at 100uA,5.0V.
22	MD6900	5	N-PAN	Si R131b	PA	Pd 600mW(Both);VCB 12Vdc;VCEO 10Vdc;ICBO 10nA;hFE 40-200;IC 10mAdc;VCE 5Vdc.
23	MD7021	5	N-PAN	Si R131f	PA	Pd 550mW;VCB 50Vdc;VCEO 40Vdc;ft 200MHz min;ton 28 ns;toff 72ns.
24	MD7021F	5	N-PAN	Si X22		Pd 350mW;VCB 50Vdc;VCEO 40Vdc;ft 200MHz min;ton 28ns;toff 72ns.
25	MJE6040*	5	N-P	Si B5	B	W/MJE6043;PT 75W;BV CBO 60V;BVCEO 60V;hFE 1/2 1.0k min at IC 4.0A,VCE 4.0V
26	MJE6041*	5	N-P	Si B5	B	W/MJE6044;PT 75W;BV CBO 80V;BVCEO 80V;hFE 1/2 1.0k min at IC 4.0A,VCE 4.0V
27	MJE6042*	5	N-P	Si B5	B	W/MJE6045;PT 75W;BV CBO 100V;BVCEO 100V;hFE 1/2 1.0k min at IC 3.0A,VCE 4.0V
28#	PA6003	5	N-P-PE	Si T0105	A	BV CBO 25V min;Pt 360mW;hFE 40 min;VCE(Sat)300mV max;ft 150MHz.
29#	PA6005	5	NPE	Si R110d	A	W/PB6005;PT 360mW;BV CBO 25V min;ICBO 500nA max;hFE 100 min;Cob 12pF max
30#	PA6015	5	N-P-PE	Si R222	F	W/PB6015;PT 500mW;BV CBO 25V min;ICBO 500nA max;hFE 60 min;Cob 12pF max
31#	PA6015A	5	NPE	Si R222	F	W/PB6015A;PT 500mW;BV CBO 25V min;ICBO 500nA max;hFE 120 min;Cob 12pF max
32#	PA6015B	5	NPE	Si R222	F	W/PB6015B;PT 500mW;BV CBO 25V min;ICBO 500nA max;hFE 120 min;Cob 12pF max
33#	PAM6003	5	N-P-PE	Si R216g	A	BV CBO 25V min;Pt 800mW;hFE 40 min;VCE(Sat)300mV max;ft 150MHz.
34#	PB6003	5	N-P-PE	Si T0105	A	BV CBO 25V min;Pt 360mW;hFE 40 min;VCE(Sat)300mV max;ft 150MHz.
35#	PB6005	5	NPE	Si R110d	A	W/PB6005;PT 360mW;BV CBO 25V min;ICBO 500nA max;hFE 100 min;Cob 12pF max
36#	PB6015	5	N-P-PE	Si R222	F	W/PB6015;PT 500mW;BV CBO 25V min;ICBO 500nA max;hFE 60 min;Cob 12pF max
37#	PB6015A	5	NPE	Si R222	F	W/PB6015A;PT 500mW;BV CBO 25V min;ICBO 500nA max;hFE 120 min;Cob 12pF max
38#	PB6015B	5	NPE	Si R222	F	W/PB6015B;PT 500mW;BV CBO 25V min;ICBO 500nA max;hFE 120 min;Cob 12pF max
39#	PBM6003	5	N-P-PE	Si R216g	A	BV CBO 25V min;Pt 800mW;hFE 40 min;VCE(Sat)300mV max;ft 150MHz.
40	PTC1101	5		Si B17a	DØ	Comp Pair AF Power Amp;Pd 12.5W;IC 3.0A max;BV CBO 70V max;hFE 100;f 75MHz
41	PTC1123	5		Si T066	CØ	Comp Pair AF Power Amp;Pd 25W;IC 4.0A max;BV CBO 90V max;hFE 80;f 6.0MHz
42	PTC1423	5		Si T05	AØ	Comp Pair AF Power Amp;Pd 6.0W;IC 3.0A max;BV CBO 65V max;hFE 80;f 8.0MHz
43	PTC1623	5		Si B16	D	Comp Pair AF Power Amp;Pd 40W;IC 4.0A max;BV CBO 60V max;hFE 50;f 2.0MHz
44	PTC1645	5		Si B16K	D	Comp Pair AF Power Amp;Pd 100W;IC 12A max;BV CBO 80V max;hFE 70;f 2.0MHz
45	PTC1667	5		Si B17a	DØ	Comp Pair AF Power Amp;Pd 75W;IC 5.0A max;BV CBO 100V max;hFE 40;f 2.0MHz
46	PTC1689	5		Si B16K	B	Comp Pair AF Power Amp;Pd 100W;IC 12A max;BV CBO 80V max;hFE 70;f 2.0MHz
47	PTC1701	5	N-P	Si T092	A	Complement Pair of PTC 170 and PTC 171
48	PTC1723	5		Si F4p	CØ	Comp Pair AF Power Amp;Pd 200W;IC 16A max;BV CBO 100V max;hFE 50;f 50MHz
49	PTC1745	5		Si F4p	CØ	Comp Pair AF Power Amp;Pd 250W;IC 30A max;BV CBO 100V max;hFE 50;f 2.0MHz
50	PTC1778	5		Si R198	B	Comp Pair AF Power Amp;Pd 1.0W;IC 1.0A max;BV CBO 100V max;hFE 160;f 200MHz
51	PTC1956	5	N-P	Si T037	AØ	Complementary Pair of PTC195 and PTC196
52	PTC1978	5	N-P	Si B18	AØ	Complementary Pair of PTC197 and PTC198
53	PTC9045	5	N-P	Si B7	BØ	Complementary Pair of PTC904 and PTC905
54	SDM3000*	5	N-P	Si F54		Compl Darlingon Pair;Pt 115W;BV CBO 60V min;hFE 10k min;ft 50MHz.
55	SDM3001*	5	N-P	Si F54		Compl Darlingon Pair;Pt 115W;BV CBO 80V min;hFE 10k min;ft 50MHz.
56	SDM3002*	5	N-P	Si F54		Compl Darlingon Pair;Pt 115W;BV CBO 100V min;hFE 10k min;ft 50MHz.
57	SDM3003*	5	N-P	Si F54		Compl Darlingon Pair;Pt 115W;BV CBO 60V min;hFE 1.0k min;ft 40MHz.
58	SDM3004*	5	N-P	Si F54		Compl Darlingon Pair;Pt 115W;BV CBO 80V min;hFE 1.0k min;ft 40MHz.
59	SDM3005*	5	N-P	Si F54		Compl Darlingon Pair;Pt 115W;BV CBO 100V min;hFE 1.0k min;ft 40MHz.
60	TD600	5	PLT	Si R138	PN	Pt-400mW;hFE1/2-.90min;ft 20MHz min;IC-500mA max.
61	TD601	5	PLT	Si R138	PN	Pt-400mW;ft-20MHz min;hFE at 10uA-100min;IC-500mA max.
62	TD602	5	PLT	Si R138	PN	Pt-400mW;ft-200MHz min;hFE at 1.0mA-50min;IC-500mA max.
63	TD700	5	N-P-PLØ	Si R138	PL	Pt 400mW;hFE1/2 .90 min;BV CBO 40V;BVCEO 30V;hFE 120 min at IC 1.0mA;ft 20M min.
64	TD701	5	N-P-PLT	Si R138	PL	Pt 400mW;BV CBO 40V;BVCEO 30V;BVCEO 5.0V;hFE 100 min at IC 10uA;ft 20MHz min.
65	TD702	5	N-P-PLT	Si R138	PL	Pt 400mW;BV CBO 40V;BVCEO 30V;BVCEO 5.0V;hFE 120 min at IC 150mA;ft 200MHz min.
66	TD709	5	N-P-Δ	Si R131f	PA	PT 400mW;hFE 40;IC 150mA;VCE 10V;BV CBO 60V;BVCEO 30V
67	TD710	5	N-P-Δ	Si R131f	PA	PT 400mW;hFE 100;IC 150mA;VCE 10V;BV CBO 60V;BVCEO 30V
68	TD711	5	N-P	Si R131f	PA	PT 400mW;hFE 70;IC 150mA;VCE 10V;BV CBO 50V;BVCEO 30V
69	TD712†	5	N-P-Δ	Si R131f	PA	PT 400mW;hFE 100;IC 100mA;VCE 10V;BV CBO 60V;BVCEO 40V
70	TD713†	5	N-P-Δ	Si T078	PR	PT 400mW;hFE 40;IC 150mA;VCE 10V;BV CBO 60V;BVCEO 40V
71	TIS60M	5	N-PL	Si T092	B	Consist of TIS60 and TIS61;Available only with matching TIS61M.
72	TIS90M	5	N	Si T092	B	Same as TIS90, available only with matching TIS91M
73	TIS91M	5	P	Si T092	B	Same as TIS91, available only with matching TIS90M.
74	TIS92M	5	N	Si R203	A	Same as TIS92, available only with matching TIS93M
75	TIS93M	5	P	Si R203	A	Same as TIS93, available only with matching TIS92M
76#	2AC128-01	6	P-A	Ge X9c	F	Matched pair AC128/01;hFE1/hFE2 1.25 max. at IC 50mA and 300mA.
77#	2AC132	6	P-A	Ge T01	A	Matched pair of AC132;hFE1/2 1.1 at IC 50mA,VCBO 0.
78#	2AC188	6	P-A	Ge T01	A	Matched pair of AC188;hFE1/2-1.25 max at IC-500mA.
79#	2AC188-01	6	P-A	Ge X9c	F	Matched pair AC188/01;hFE1/hFE2 1.25 max. at IC 50mA and 500mA.
80#	2AD149	6	P-A	Ge T03	CØ	Matched Pair of AD149;hFE1/2 1.25 at IC 300mA.
81#	2BDY20	6	N-D	Si T03	CØ	Matched pair of BDY20;hFE1/2 1.6 at IC 400mA,VCE 4.0V.
82#	2BDY38	6	N-D	Si T03	CØ	Matched pair of BDY38;hFE1/2 1.5 at IC 200mA, VCE 4.0V.
83	2N282	6	P	Ge R8		Matched Pair of 2N281
84	2N2060*	6	N-Ø	Si R131c		Pt-.6W;hFE1/2-.90 min;VBE(1-2)-5mV max;ΔVBE(1-2)/ΔT-10uV/deg.C.
85	JAN2N2060*	6	N-Ø	Si R52		Pt 800mW both;VBE(1-2) 5.0mV max;hFE1/2 900 min;ΔVBE(1-2) 800uV max.
86	2N2060A*	6	N	Si R131c		Pt-600mW both;VBE(1-2)-3.0mV max;hFE1/2-.90 min.
87	2N2060B*	6	N-Ø	Si R131c		Pt-600mW;BV CBO-100V;hFE1/2-.85 min;VBE(1-2)-1.5mV;hFE-120 max.
88	2N2223*	6	N	Si R131c		Pt-.6W;hFE1/2-.80 min;VBE(1-2)-15mV max;ΔVBE(1-2)/ΔT-25uV/deg.C.
89	2N2223A*	6	N	Si R131c		Pt-.6W;hFE1/2-.90 min;VBE(1-2)-5mV max;ΔVBE(1-2)/ΔT-25uV/deg.C.
90	2N2376	6	P	Si T05	A	Pt 250mW;BV CBO 35;Forward-current transfer Ratio Match 20%.
91	2N2414*	6	N	Si R131c		Pt 600mV max;hFE 250 max. each side.
92#	2N2431MP	6	P-A	Ge T01		Matched Pair 2N2431;3.0W out Class B;hFE1/hFE2-1.25 max.
93	2N2453*	6	N	Si R131c		Pt-.30W;hFE1/2-.90 min;VBE(1-2)-5.0mV max;ΔVBE(1-2)/ΔT-10uV/Deg.C
94	2N2453A*	6	N	Si R131c		Pt-.30W;hFE1/2-.90 min;VBE(1-2)-5.0mV max.
95	2N2480*	6	N	Si R131c		Pt-.6W;hFE1/2-.80 min;VBE(1-2)-10mV max;ΔVBE(1-2)/ΔT-15uV/deg.C.
96	2N2480A*	6	N	Si R131c		Pt-.6W;hFE1/2-.80 min;VBE(1-2)-5mV max;ΔVBE(1-2)/ΔT-15uV/deg.C.
97	2N2639*	6	N-Ø	Si R131c		Pt 800mW max;hFE(1/2) 90 min;VBE(1-2) 5.0mV max;ΔVBE(1-2)/ΔT 10uV/C max.
98	JAN2N2639*	6	N-Ø	Si T077		Pt-600mW both;hFE1/2-.90 min;VBE(1-2)-5.0mV max;ΔVBE(1-2)/ΔT-10uA/C.
99	2N2640*	6	N-Ø	Si R131c		Pt 600mW max;hFE(1/2) 80 min;VBE(1-2) 10mV max;ΔVBE(1-2)/ΔT 20uV/C max.
100	2N2642*	6	N-Ø	Si R131c		Pt 800mW max;hFE(1/2) 90 min;VBE(1-2) 5.0mV max;ΔVBE(1-2)/ΔT 10uV/C max.
101	JAN2N2642*	6	N-Ø	Si T077		Pt-600mW both;hFE1/2-.90 min;VBE(1-2)-5.0mV max;ΔVBE(1-2)/ΔT-10uA/C.
102	2N2643*	6	N-Ø	Si R131c		Pt 600mW max;hFE(1/2) 80 min;VBE(1-2) 10mV max;ΔVBE(1-2)/ΔT 20uV/C max.
103	2N2652*	6	N-Ø	Si R131c		Pt-.6W;hFE1/2-.85 min;VBE(1-2)-3mV;ΔVBE(1-2)/ΔT-10uV/deg.C.
104	2N2652A*	6	N-Ø	Si R131c		Pd-600mW both;hFE1/2-.90 min;VBE(1-2)-3mV;ΔVBE(1-2)/ΔT-10uV/deg.C.
105	2N2720*	6	N	Si R131c		Pt-600mW;hFE1/2-.90 min;VBE(1-2)-5mV max;ΔVBE(1-2)/ΔT-1mV.
106	2N2721*	6	N	Si R131c		Pt-600mW;hFE1/2-.80 min;VBE(1-2)-5mV max;ΔVBE(1-2)/ΔT-2mV.
107	2N2722*	6	N	Si R131c		Pt-600mW;hFE1/2-.90 min;VBE(1-2)-5mV max;ΔVBE(1-2)/ΔT-1mV.
108	2N2802*	6	P	Si R131c	PA	Pt-.50W;hFE1/2-.90 min;VBE(1-2)-5.0mV max;ΔVBE(1-2)/ΔT-20uV/Deg.C.
109	2N2803*	6	P	Si R131c	PA	Pt-.50W;hFE1/2-.80 min;VBE(1-2)-10mV max;ΔVBE(1-2)/ΔT-20uV/Deg.C.
110	2N2805*	6	P	Si R131c	PA	Pt-.50W;hFE1/2-.90 min;VBE(1-2)-5.0mV max;ΔVBE(1-2)/ΔT-10uV/Deg.C.