

BI-POLAR TRANSISTORS

NTE Type Number	Polarity and Material	Description and Application	Case Style	Diag. No.	Maximum Collector Current (Amps)	Collector to Base (Volts)	Collector to Emitter (Volts)	Emitter to Base (Volts)	Typical Forward Current Gain	Maximum Collector Power Dissipation (Watts)	Typical Freq. (MHz)
					I _c	BV _{CBO}	BV _{CEO}	BV _{EBO}	h _{FE}	P _D	f _T
164	NPN-Si	Color TV Horizontal Output	TO3	1a	1	1500	700 (CER)	5	30 Min	50	3
165	NPN-Si	Color TV Horizontal Output	TO3	1a	6	1500	1400 (CES)	5	8 Min	50	3
171	NPN-Si	Audio-Video Amp, Reg	TO202	10a	0.5	300	300	5	30 Min	6.25	75
172A	NPN-Si	Darlington Pre-Amp, Medium-Speed Switch	TO92	9c	0.3	40	40	12	7000 Min	0.4	60 Min
175	NPN-Si	Linear & Audio Power Amp (Compl to NTE38)	TO66	6a	3	500	300 (CER)	6	60	40	15
176	PNP-Ge	DC Converter Audio Power Amp	TO39	21a	2	25	25	10	110	6	1.2
179	PNP-Ge	Audio Power Amp High Current Switch	TO3	1a	25	90	90 (CEX)	2	65 Min	106	0.5 Min
179MP	PNP-Ge	Matched Pair of NTE179									
180	PNP-Si	High Power Audio Amp (Compl to NTE181)	TO3	1a	30	100	100 (CER)	4	25 Min	200	2 Min
180MCP	NPN/PNP Si	Matched Compl Pair Contains 1 Ea. NTE181 & NTE180									
181	NPN-Si	High Power Audio Amp (Compl to NTE180)	TO3	1a	30	100	100 (CER)	4	25 Min	200	2 Min
181MP	NPN-Si	Matched Pair of NTE181									
182	NPN-Si	General Purpose Amplifier and High Speed Switch	TO127	33a	10	70	60	5	20 Min	90	2
184	NPN-Si	Audio Power Amplifier & Switching (Compl to NTE185)	TO126	7a	4	80	80	5	25 Min	40	2 Min
184MP	NPN-Si	Matched Pair of NTE184									
185	PNP-Si	Audio Power Amplifier & Switching (Compl to NTE184)									
185MCP	NPN/PNP Si	Matched Compl Pair Contains 1 Ea. NTE184 & NTE185									
186	NPN-Si	General Purpose Output and Driver Stages of Audio Amps (Compl to NTE187)	TO202	10b	3	70	60	5	100 Min	12.5	50
186A	NPN-Si	Medium Power Audio Amplifier (Compl to NTE187A)	TO202M	22a	3	40	50	5	120	10	150
187	PNP-Si	General Purpose Output & Driver Stages of Audio Amplifiers (Compl to NTE186)	TO202	10b	3	70	60	5	100 Min	12.5	50
187A	PNP-Si	Medium Power Audio Amplifier (Compl to NTE186A)	TO202M	22a	3	50	40	5	120	10	150
188	NPN-Si	High Voltage Amplifier & Driver (Compl to NTE189)	TO202N	34	2	80	80	4	60 Min	10	150
189	PNP-Si	High Voltage Amplifier & Driver (Compl to NTE188)	TO202N	34	2	80	80	4	60 Min	10	100
190	NPN-Si	High Voltage Amplifier for Horizontal Drive & Linear Applications	TO202N	34	1	180	180	5	40 Min	10	100
191	NPN-Si	High Voltage Video and Luminance Stages of TV (Compl to NTE240)	TO202N	34	0.5	300	300	6	40 Min	10	45 Min
192	NPN-Si	Audio Power Output (Compl to NTE193)	TO92HS	35a	1	70	70 (CES)	5	150	1* 0.7	120 Min
192A	NPN-Si	Audio Power Output (Compl to NTE193A)	TO92HS	35b	0.5	70	70 (CES)	5	120 Min	0.6	120
193	PNP-Si	Audio Power Output (Compl to NTE192)	TO92HS	35a	1	70	70 (CES)	5	150	1* 0.7	120 Min
193A	PNP-Si	Audio Power Output (Compl to NTE192A)	TO92HS	35b	0.5	70	70 (CES)	5	120 Min	0.6	120
194	NPN-Si	Gen Purp HV Amp, Hi-Speed Sw	TO92	9a	0.6	180	160	6	100	0.31	100 Min

MP = Matched Pairs;
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**Denotes Surface Mount Types; *T_C = 25°C

See Diagrams, beginning on Page 1-42.

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