

TRANSISTORS BI-POLAR

NTE Type Number	Polarity and Material	Description and Application	Case Style	Diag. No.	Maximum Collector Current (Amps)	Maximum Breakdown Voltage			Typical Forward Current Gain	Maximum Collector Power Dissipation (Watts)	Typical Freq. (MHz)
						Collector to Base (Volts)	Collector to Emitter (Volts)	Emitter to Base (Volts)			
						I_c	BV_{CBO}	BV_{CEO}			
32	PNP-Si	TV Sound & Vertical Output (Compl to NTE31)	Giant TO92	3b	1	160	160	6	100 Min	0.9	15 Min
33	NPN-Si	High Voltage Power Amp Output Stage (Compl to NTE34)	TB-34	4	15	160	160	5	120 Min	150	80
34	PNP-Si	Pwr Amp Applications (Compl to NTE33)	TB-34	4	15	160	160	5	120 Min	150	60
36	NPN-Si	AF Pwr Amp, High Current Switching (Compl to NTE37)	TO3P	59a/ 59alt	12	160	140	6	100	100	15
36MP	NPN-Si	Matched Pair of NTE36									
37	PNP-Si	AF Pwr Amp, High Current Switching (Compl to NTE36)	TO3P	59a/ 59alt	12	160	140	6	100	100	15
37MCP	NPN/PNP Si	Matched Compl Pair Contains 1 Ea. NTE36 & NTE37									
38	PNP-Si	High Voltage, Medium Pwr Switching (Compl to NTE175)	TO66	6a	2	400	350	6	50	35	20
39	PNP-Si	Line-Operated Series Pass and Switching Reg. (Compl to NTE157)	TO126	7a	0.5	300	300	3	92	20	-
40	NPN-Si	Dual, Differential Amp, High Gain, Lo Noise, Common Emitter (Compl to NTE41)	SIP-5	8a	0.05	100	100	5	400 Min	0.2/Unit 0.4 Total	100 Min
41	PNP-Si	Dual, Differential Amp, High Gain, Lo Noise, Common Emitter (Compl to NTE40)	SIP-5	8a	0.05	100	100	5	400 Min	0.2/Unit 0.4 Total	100 Min
42	NPN-Si	Dual, Differential Amp, High Gain, Lo Noise, Common Emitter (Compl to NTE43)	SIP-5	8a	0.1	50	50	5	400 Min	0.2/Unit 0.4 Total	100 Min
43	PNP-Si	Dual, Differential Amp, High Gain, Lo Noise, Common Emitter (Compl to NTE42)	SIP-5	8a	0.1	50	50	5	400 Min	0.2/Unit 0.4 Total	100 Min
44	NPN-Si	Dual, High Gain, Lo Noise Bias Amp, Common Base (Compl to NTE45)	SIP-5	8b	0.1	100	100	5	400 Min	0.2/Unit 0.4 Total	100
45	PNP-Si	Dual, High Gain, Lo Noise Bias Amp, Common Base (Compl to NTE44)	SIP-5	8b	0.1	100	100	5	400 Min	0.2/Unit 0.4 Total	100
46	NPN-Si	Darlington, Gen Purp Amp, Preamp, Driver	TO92	9a	0.5	100	100	12	10000 Min	0.625	200
47	NPN-Si	High Gain, Lo Noise Amp NF @ 10Hz, -0.5dB Typ	TO92	9a	0.2	45	45	6.5	1150	0.625	160
48	NPN-Si	Darlington, High Current, Gen Purp Amp	Giant TO92	3a	1	60	50 (CES)	12	25000 Min	2.5* 1	100 Min
49	NPN-Si	Gen Purp, High Voltage Amp, Driver (Compl to NTE50)	TO202	10a	2	120	100	4	140	10	100
50	PNP-Si	Gen Purp, High Voltage Amp, Driver (Comp to NTE49)	TO202	10a	2	120	100	4	140	10	100

MP = Matched Pairs
* $T_C = 25^\circ C$

**Denotes Surface Mount Types