

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 _{CB0}	BV _{CE0}	BV _{EB0}	h _{FE}	P _D	f _T
275	PNP-Si	Darlington Pwr Amp Switch (Compl to NTE274)	TO66	6a	4	80	80	5	3000	50	—
278	NPN-Si	Broad Band RF Amp, CATV/MATV Amp	TO39	21a	0.4	40	20	3	40 Min	3.5	1,400
280	NPN-Si	Audio Amp Output (Compl to NTE281)	TO3	1a	12	150	150	5	70	100	5
280MP	NPN-Si	Matched Pair of NTE280									
281	PNP-Si	Audio Power Amp (Compl to NTE280)									
281MCP	NPN/PNP Si	Matched Compl Pair Contains 1 Ea. NTE280 & NTE281									
282	NPN-Si	Final RF Power Amp, Sw (P _O = 4W, 27MHz)	TO39	21a	4	100	60	6	100	10*	140
283	NPN-Si	High Voltage, High Current Switch & Horizontal Output	TO3	1a	10	800	325	8	10 Min	100	6
284	NPN-Si	Audio Amplifier Output (Compl to NTE285)	TO3	1a	16	180	180	5	70	150	6
284MP	NPN-Si	Matched Pair of NTE284									
285	PNP-Si	Audio Amplifier Output (Compl to NTE284)	TO3	1a	16	180	180	5	70	150	6
285MP	PNP-Si	Matched Pair of NTE285									
285MCP	NPN/PNP Si	Matched Compl Pair Contains 1 Ea. NTE284 & NTE285									
287	NPN-Si	High Voltage, Low Saturation, Low Cap, General Purpose Amp (Compl to NTE288)	TO92	9a	0.5	300	300	8	40 Min	0.625	50 Min
288	PNP-Si	High Voltage, Low Saturation, General Purpose Amp (Compl to NTE287)	TO92	9a	0.5	300	300	5	40 Min	0.625	50 Min
289	NPN-Si	Audio Power Amp and Switch (Compl to NTE290)	U83/ TO92	40/ 9c	0.8	35	30	5	120 Min	0.6	100
289MP	NPN-Si	Matched Pair of NTE289	TO92	9c							
289A	NPN-Si	Audio Power Amp (Compl to NTE290A)	TO92	9c	0.5	100	80	5	100 Min	0.6	120
289AMP	NPN-Si	Matched Pair of NTE289A									
290	PNP-Si	Audio Power Amp and Switch (Compl to NTE289)	U83/ TO92	40/ 9c	0.8	35	30	5	120 Min	0.6	140
290A	PNP-Si	Audio Power Amp (Compl to NTE289A)	TO92	9c	0.5	100	80	5	100 Min	0.6	120
290AMP	NPN/PNP Si	Matched Compl Pair Contains 1 Ea. NTE289A & NTE290A									
291	NPN-Si	General Purpose Medium Power Amp and Switch (Compl to NTE292)	TO220	11a	4	130	120	5	70	40	4 Min
292	PNP-Si	General Purpose Medium Power Amp and Switch (Compl to NTE291)	TO220	11a	4	130	120	5	70	40	5 Min
292MCP	PNP/NPN Si	Matched Compl Pair Contains 1 Ea. NTE292 & NTE291									
293	NPN-Si	Audio Amp and Driver (Compl to NTE294)	Giant TO92	3b	1	60	50	5	120 Min	1 W/Heat Sink 0.75	200
293MP	NPN-Si	Matched Pair of NTE293									
294	PNP-Si	Audio Amp and Driver (Compl to NTE293)									
295	NPN-Si	RF Power Output/Driver	TO126	7a	1.5	80	40	5	20 Min	5	150 Min
297	NPN-Si	Audio Amp, Driver (Compl to NTE298)	Giant TO92	3b	0.5	80	80	5	130 Min	0.75	120

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

See Diagrams, beginning on Page 1-42

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1-15