

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}			
297MP	NPN-Si	Matched Pair of NTE297	Giant TO92	3b	0.5	80	80	5	130 Min	0.75	120
298	PNP-Si	Audio Amp, Driver (Compl to NTE297)	Giant TO92	3b	0.5	80	80	5	130 Min	0.75	120
299	NPN-Si	RF Power Amp, Driver	TO202	10c	1	75	35	4	70 Min	4	—
300	NPN-Si	Audio Power Amp (Compl to NTE307)	TO202	10c	1.5	50	40	5	90 Min	7	65
300MP	NPN-Si	Matched Pair of NTE300									
302	NPN-Si	AM, CB Transmitter Driver, Switch	B2	60b	1.5 Peak	100	50	6	199 Min	7.9* 0.95	70
306	NPN-Si	AM, CB Transmitter Driver, Switch	B2	60a	1.5 Peak	100	50	6	199 Min	7.9* 0.95	70
307	PNP-Si	Audio Power Amp (Compl to NTE300)	TO202	10c	1.5	50	40	5	90 Min	7	65
311	NPN-Si	Freq-Multiplier, Amp, Driver OSC, VHF-UHF Pre Driver	TO39	21a	0.4	55	30	3.5	25 Min	5	800 Min
313	NPN-Si	VHF Mixer and VHF/RF Amp, High Gain, Low Noise	—	41	0.02	30	30	4	60	0.15	530
315	NPN-Si	Medium Power Audio Amp	—	42	1	100	50	6	199 Min	0.75	—
316	NPN-Si	High Gain, Lo-Noise UHF Small Signal Amp (NF = 4.5dB Max @ 450MHz)	TO72	31a	0.05	30	15	3.5	25 Min	0.2	1400
317	NPN-Si	CB & Amateur RF Power Output (P _O = 70W, 14-30MHz)	W52	43	15	36	36 (CES)	4	10 Min	220	—
318	NPN-Si	CB & Amateur RF Power Output (P _O = 50W, 14-30MHz)	W52	43	6	36	36 (CES)	4	5 Min	80	—
319	NPN-Si	VHF AMP w/Forward AGC	TO72	31b	0.05	20	20	3	80	0.26* 0.175	300 Min
319P	NPN-Si	VHF Amp w/Forward AGC	TO92	9b	0.05	40	30	4	80	0.5	300 Min
320	NPN-Si	RF Power Amp (P _O = 40W, 175MHz)	—	45	6	36	36 (CES)	4	5 Min	80	200
320F	NPN-Si	RF Power Amp (P _O = 40W, 175MHz)	—	47	6	36	18	4	5 Min	80	200
322	NPN-Si	RF Power Output (P _O = 3.5W, 27MHz)	TO202N	34	0.5	65	65 (CES)	3	10 Min	10* 1	100
323	PNP-Si	Amp, General Purpose, Switch (Compl to NTE324)	TO39	21a	1.5	120	100	5	80	0.8	20 Min
324	NPN-Si	Amp, General Purpose, Switch (Compl to NTE323)	TO39	21a	1.5	120	100	5	90	0.8	20 Min
325	NPN-Si	RF Power, Amateur Radio (P _O = 50W, 14-30MHz)	T72H	46	7.5	40	20	4	10 Min	115	—
327	NPN-Si	Power Amp, Switch for Industrial Applications	TO3	1a	25	180	150	6	30 Min	200	40 Min
328	NPN-Si	Power Amp, Switch	TO3	1a	15	150	130 (CER)	7	12 Min	140	60 Min
329	NPN-Si	RF Power Amp, CB, (P _O = 3.5W, 27MHz)	TO39	21a	1.5 Peak	—	30	2.5	—	5	—
330	PNP-Ge	High Power Switch for Motor Drive Controls and Low Loss Reg	TO36	27	25	50	40	30	30	170	—
331	NPN-Si	Audio Power Amp, Switch (Compl to NTE332)	TO220	11a	15	100	100	5	40 Min	90	3 Min
331MP	NPN-Si	Matched Pair of NTE331									
332	PNP-Si	Audio Power Amp, Switch (Compl to NTE331)									
332MCP	NPN/PNP Si	Matched Compl Pairs Contains 1 Ea. NTE331 & NTE332									

MP = Matched Pairs;

**Denotes Surface Mount Types;

*T_C = 25°C

See Diagrams, beginning on Page 1-42