



ELECTRONICS, INC.

BI-POLAR TRANSISTORS

Cat. No.	Material	Application	Case Style	Maximum Breakdown Voltage (Volts)		Maximum Collector Current (Amps) I _c	Maximum Collector Dissipation (Watts) P _d	Typical Forward Current Gain h _{FE}	Typical Frequency (MHz) f _r	Net Price
				BV _{CEO}	BV _{CBO}					
NPN										
NTE16	Si	Gen. Purpose Small Signal Amp, Low Noise	ATR	50	40	0.1	0.3	270 Min	180	\$1.32
NTE382	Si	Audio Freq Driver	R245	120	100	1	0.9	200	140	3.14
♠ NTE2408**	Si	Low Noise, Driver, Output	SOT-23	80	65	0.1	0.2	125 Min	300	2.47
♠ NTE2426**	Si	Darlington Sw	SOT-89	90	80(CER)	0.5	1	2000 Min	—	2.66
NTE101	Ge	OSC, Mixer for AM Radio, Medium Speed Sw	TO5	25	20(CER)	0.3	0.15	40@455kHz	5	6.80
NTE243	Si	Darlington Power Amp	TO3	80	80	8	150	2500	—	7.93
NTE247	Si	Darlington Power Amp	TO3	100	100	12	150	3000	—	8.32
NTE251	Si	Darlington Power Amp	TO3	100	100	20	160	2500	—	14.16
NTE130	Si	Power Amp, Gen Purpose	TO3	100	70(CER)	15	115	20 Min	2.5 Min	3.81
NTE180	Si	High Power Audio Amp	TO3	100	100(CER)	30	200	25 Min	2 Min	11.21
NTE280	Si	Audio Power Amp	TO3	150	150	12	100	70	5/6	8.33
NTE284	Si	Audio Amp Output	TO3	180	180	16	150	70	6	18.65
NTE87	Si	High Power AF, Switch	TO3	250	250(CEX)	10	200	20 Min	—	12.17
NTE94	Si	High Voltage Switch	TO3	300	300	5	100	40	2.5 Min	12.53
NTE388	So	Power Amp, Gen Purpose	TO3	400	250	16	250	30/35	4 Min	15.13
NTE162	Si	TV Vert Deflection	TO3	500	300	10 Peak	100	20 Min	—	12.53
NTE385	Si	Audio Power Amp, Switch	TO3	550	350	10	150	17	—	16.05
NTE98	Si	HV Darlington Pwr Amp, Fast Sw	TO3	700	500	20	175	40 Min	—	33.12
NTE283	Si	Horiz Output, Switch	TO3	800	325	10	100	10 Min	6	14.86
NTE386	Si	Audio Power Amp, Switch	TO3	800	500	20	175	20	—	37.21
NTE53	Si	High Vltg, High Speed, Sw	TO3	850	400	15	175	25	6 Min	17.00
NTE2319	Si	High Vltg, High Speed, Sw	TO3	850(CES)	450	15 Cont	175	5 Min	—	12.51
NTE89	Si	Horiz Output w/ Internal Damper Diode	TO3	1500	600	7	50	8 Min	—	14.83
NTE165	Si	TV Horizontal Output	TO3	1500	1400(CES)	6	50	8 Min	3	10.00
NTE238	Si	TV Horizontal Output	TO3	1500	1500(CEX)	8	100	8	—	10.96
NTE2308	Si	High Voltage/Current Switch	TO3P	500	400	12	100*	15 Min	20	9.30
♠ NTE2302	Si	High Voltage Output w/Internal Damper Diode	TO3P	1500	800	5	120*	8 Min	3	9.30
NTE36	Si	Audio Power Amp	TO3P	160	140	12	100	100	15	8.82
♠ NTE2324	Si	High Speed Switch	TO3PML	1500	800	8	70*	8 Min	—	13.83
NTE2331	Si	TV Horiz Deflection w/ Damper Diode	TO3PML	1500	800	6	60	8 Min	—	11.16
NTE123A	Si	General Purpose Amp	TO18	75/60	40/60	0.8/0.6	0.4	200/100 Min	300/200 Min	1.45
NTE311	Si	Driver, VHF/UHF Osc	TO39	55	30	0.4	5	25 Min	800 Min	4.58
NTE123	Si	Amp, Gen Purpose	TO39	75	40	0.8	0.8	200	300 Min	1.19
NTE128	Si	Amp, Gen Purpose	TO39	120/90	80	1	1	90 Min	100/150 Min	2.15
NTE396	Si	Power Amp & High Speed Sw	TO39	450/350	350/300	1	10* 1	40 Min 30 Min	15 Min	3.79
NTE175	Si	Linear & Audio Power Amp	TO66	500	500(CER)	3	40	60	15	5.81
NTE161	Si	VHF/UHF Amp, Mixer/OSC	TO72	45	45(CES)	0.05	0.2	60	800	3.21
NTE107	Si	UHF OSC for Tuner, High Freq	TO92	30	12	0.05	0.2	75	1000	2.34
NTE108	Si	RF-IF Amp and OSC	TO92	30	15	0.05	0.625	20 Min	800	2.07
NTE289	Si	Audio Power Amp/Sw	TO92	35	30	0.8	0.6	120 Min	100/140	2.66
NTE11	Si	High Current Amp	TO02	40/27	20/18	5	0.75	230 Min/ 180 Min	150/120	2.25
NTE172A	Si	Darlington Pre-Amp	TO92	40	40	0.3	0.4	7000 Min	60 Min	.99
NTE47	Si	High Gain, Low Noise Amp	TO92	45	45	0.2	0.625	1150	160	1.22
NTE199	Si	Amp, Gen Purpose	TO92	70/120	50/120	0.1	0.36/0.3	400 Min/ 350 Min	90 Min/ 100	1.05
♠ NTE85	Si	Amp, Gen Purp Switch	TO92	70	70(CES)	0.4	0.625	120 Min	200 Min	1.29
NTE123AP	Si	Amp, Gen Purpose	TO92	75/80	40/80	0.6/1	0.625	200/180	300 Min/ 200	1.19

* T_c = +25°C

** Denotes Surface Mount Types