

# Transistors (cont'd) (Maximum Ratings at T<sub>C</sub> = 25°C Unless Otherwise Noted)

ECG Type	Description and Application	Collector To Base Volts BV <sub>CBO</sub>	Collector To Emitter Volts BV <sub>CEO</sub>	Base to Emitter Volts BV <sub>EBO</sub>	Max. Collector Current I <sub>C</sub> Amps	Max. Device Diss. P <sub>D</sub> Watts	Freq. in MHz f <sub>t</sub>	Current Gain h <sub>FE</sub>	Package	
									Case	Fig. No.
ECG378	PNP-Si, Pwr Driver, PO, Sw, Reg (Compl to ECG377)	80	80	5	10	50	50	60 min	TO-220	T41
ECG379	NPN-Si, HV Hi Speed Pwr Sw	700	400	9	12	100	4 min	20 typ	TO-220	T41
ECG381	PNP-Si, AF Pwr Amp	150	120	5	5	80	9	60 typ	TB-33	T43
ECG382	NPN-Si, AF Driver (Compl to ECG383)	120	100	5	1	.9 (T <sub>A</sub> = 25°C)	140	200 typ	TO-92M	T18
ECG383	PNP-Si, AF Driver (Compl to ECG382)	120	100	5	1	.9 (T <sub>A</sub> = 25°C)	140	200 typ	TO-92M	T18
ECG384	NPN-Si, Sw, Linear Amp	375	350	9	7	45	1 min	20 typ	TO-66	T25
ECG385	NPN-Si, HV Hi Speed Sw	550	350	6	10	150	---	20 typ	TO-3	T28
ECG386	NPN-Si, HV Hi Speed Sw	800	500	6	20	175	---	30 typ	TO-3	T28
ECG387 ECG387MP*	NPN-Si, Pwr Amp, Sw	180	150	6	50	250	30 min	70 Typ	TO-3	T28A
ECG388	NPN-Si, Hi Pwr AF Amp (Compl to ECG68)	400	250	5	16	250	4 min	30 typ	TO-3	T28
ECG389	NPN-Si, Horiz Output	1500	1500 (CES)	5	4	100	4 min	5 min	TO-3	T28
ECG390	NPN-Si, Pwr Amp, Hi Speed Sw (Compl to ECG391)	100	100	5	10	80	3	40 min	TO-3P (TO-218)	T48
ECG391	PNP-Si, Pwr Amp, Hi Speed Sw (Compl to ECG390)	100	100	5	10	80	3	40 min	TO-3P (TO-218)	T48
ECG392	NPN-Si, Pwr Amp, Hi Speed Sw (Compl to ECG393)	100	100	5	25	125	3	25 min	TO-3P (TO-218)	T48
ECG393	PNP-Si, Pwr Amp, Hi Speed Sw (Compl to ECG392)	100	100	5	25	125	3	25 min	TO-3P (TO-218)	T48
ECG394	NPN-Si, HV Pwr Amp, Sw	500	400	5	3	100	2.5	30 min	TO-3P (TO-218)	T48
ECG395	PNP-Si, Wide Band VHF/UHF Amp, Osc	30	25	3	50 mA	.360 (T <sub>A</sub> = 25°C)	2.3 GHz	25 min	TO-72	T4
ECG396	NPN-Si, Linear Amp & Hi Speed Sw (Compl to ECG397)	450	350	7	1	10	15 min	60 typ	TO-39	T6
ECG397	PNP-Si, Linear Amp & Hi Speed Sw (Compl to ECG396)	350	300	6	1	10	15 min	50 typ	TO-39	T6
ECG398	PNP-Si, Vertical Defl, Audio Amp (Compl to ECG375)	200	150	5	2	25	5	100 typ	TO-220	T41
ECG399	NPN-Si, HV Video Output	300	300	6	.1	.9 (T <sub>A</sub> = 25°C)	50 min	100 min	T-16	T20
ECG451 thru ECG469	See FET Selector Guide Page 1-65	---	---	---	---	---	---	---	---	---
ECG470	NPN-Si, RF PO, 2-30 MHz, 100 W, 12.5 V	36	18	4	20	250	---	10 min	RF-50F	T58
ECG471	NPN-Si, RF PO, 2-30 MHz, 100 W, 28 V	65	36	4	15	250	---	10 min	RF-50F	T58
ECG472	NPN-Si, RF Driver, PO, 136-174 MHz, 1.8 W	36	16	4	.400	5	400 min	20 min	TO-39	T6
ECG473	NPN-Si, RF Driver, PO, 136-174 MHz, 2.2 W	36	18	4	1	7	---	10 min	TO-39	T6
ECG474	NPN-Si, RF PO, 88 MHz, 6 W, 174 MHz, 3 W	36	18	4	.600	9.5	---	5 min	TO-202EC	T40
ECG475	NPN-Si, RF PO, 136-174 MHz, 7 W	36	18	4	1.5	11.5	350	10 typ	TO-60	T56
ECG476	NPN-Si, RF PO, 136-174 MHz, 12 W	36	18	4	3	23	350	10 typ	TO-60	T56
ECG477	NPN-Si, RF PO, 136-174 MHz, 45 W	36	18	4	6	75	---	20 typ	RF-50F6	T60

Notes: \* MP - Matched pair

# Frequency at which common emitter current gain is 70.0% of low frequency gain

\* When alternate packages are shown it indicates a change is in progress. Although only one package is available both packages will be shown as long as the obsolete package may be encountered in the field.

Package Outlines - See Page 1-91

6653928 0009151 028