

Transistors (cont'd) (Maximum Ratings at $T_C = 25^\circ\text{C}$ Unless Otherwise Noted)

ECG Type	Description and Application	Collector To Base Volts BV_{CBO}	Collector To Emitter Volts BV_{CEO}	Base to Emitter Volts BV_{EBO}	Max. Collector Current I_C Amps	Max. Device Diss. P_D Watts	Freq. in MHz f_t	Current Gain h_{FE}	Package	
									Case	Fig. No.
ECG2363	NPN-Si, Gen Purp Amp (Compl to ECG2364)	60	50	6	2	1	150	200 min	TO-92M	T18
ECG2364	PNP-Si, Gen Purp Amp (Compl to ECG2363)	60	50	6	2	1	150	200 min	TO-92M	T18
ECG2365	NPN-Si, Horiz Out, HV, Sw $t_f = .2 \mu\text{sec}$ Max	1500	800	6	12	180	---	8 min	TO-3PL	T48-2
ECG2367	NPN-Si, Digital w/Resistor (4.7K), Sw, Drvr (Compl to ECG2368)	50	50	6	.1	.3	200	30 min	SP-92	T13-2
ECG2368	PNP-Si, Digital w/Resistor (4.7K), Sw, Drvr (Compl to ECG2367)	50	50	6	.1	.3	200	30 min	SP-92	T13-2
ECG2369	NPN-Si, Digital w/Resistor (4.7K/47K), Sw, Drvr (Compl to ECG2370)	50	50	6	.1	.3	200	30 min	SP-92	T13-2
ECG2370	PNP-Si, Digital w/Resistor (4.7K/47K), Sw, Drvr (Compl to ECG2369)	50	50	6	.1	.3	200	30 min	SP-92	T13-2
ECG2375 thru ECG2377	See FET Selector Guide Page 1-57	---	---	---	---	---	---	---	---	---
ECG2380 thru ECG2399	See FET Selector Guide Page 1-57	---	---	---	---	---	---	---	---	---
ECG2401	PNP-Si, RF Amp, Osc; Mixer, VHF/FM	30	30	4	25 mA	.300	450 typ	---	SOT-23	T20-4
ECG2402	NPN-Si, Lo Noise, UHF/VHF Amp, G_{pE} 15 dB Typ (Compl to ECG2403)	20	15	2	25 mA	.200	5 GHz	40 min	SOT-23	T20-4
ECG2403	PNP-Si, Lo Noise, UHF/VHF Amp, G_{pE} 18 dB Typ (Compl to ECG2402)	20	15	2	25 mA	.200	5 GHz	20 min	SOT-23	T20-4
ECG2404	NPN-Si, Darlington, Gen Purp Amp, Preamp, Driver (Compl to ECG2405)	40	30	10	.300	.350	220	4K min	SOT-23	T20-4
ECG2405	PNP-Si, Darlington, Gen Purp Amp, Preamp, Driver (Compl to ECG2404)	40	30	10	.300	.350	220	4K min	SOT-23	T20-4
ECG2406	NPN-Si, AF/RF Amp, Driver, Sw, $t_f = 60$ nsec (Compl to ECG2407)	75	40	5	.800	.425	300	100 min	SOT-23	T20-4
ECG2407	PNP-Si, AF/RF Amp, Driver, Sw, $t_f = 30$ nsec (Compl to ECG2406)	60	60	5	.600	.425	200	100 min	SOT-23	T20-4
ECG2408	NPN-Si, Gen Purp Amp, Lo Noise, AF/RF (Compl to ECG2409)	80	65	5	.100	.200	300	300 typ	SOT-23	T20-4
ECG2409	PNP-Si, Gen Purp Amp, Lo Noise, AF/RF (Compl to ECG2408)	80	65	5	.100	.200	150	350 typ	SOT-23	T20-4
ECG2410	NPN-Si, Gen Purp, HV, Driver, Amp (Compl to ECG2411)	180	160	6	.600	.350	300	80 min	SOT-23	T20-4
ECG2411	PNP-Si, Gen Purp, HV, Driver, Amp (Compl to ECG2410)	160	150	5	.600	.350	300	60 min	SOT-23	T20-4
ECG2412	NPN-Si, Gen Purp, HV Amp (Compl to ECG2413)	300	300 (CER)	5	50 mA	.310	60	50 min	SOT-23	T20-4
ECG2413	PNP-Si, Gen Purp, HV Amp (Compl to ECG2412)	300	300 (CER)	5	50 mA	.310	60	50 min	SOT-23	T20-4
ECG2414	NPN-Si, Digital w/Base Resistor (10K), Sw, Driver (Compl to ECG2415)	50	50	10	100	.200	250	30 min	SOT-23	T20-4

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 1-78