

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.
ECG162	NPN-Si, Vert Defl	500	300	5	3 cont. 10 peak	100	---	20 min	TO-3	T28
ECG163A	NPN-Si, Horiz Defl	700	700 (CEV)	5	10 peak	100	---	10	TO-3	T28
ECG164	NPN-Si, Vert Defl	1500	700 (CER)	5	1	50	.5 min	20	TO-3	T28
ECG165	NPN-Si, Horiz Defl	1500	1400 (CES)	5	5	50	---	5	TO-3	T28
ECG171	NPN-Si, AF/Video Amp (Compl to ECG296)	300	300	5	.5	10	75	40 min	TO-202	T38
ECG172A	NPN-Si, Darlington AF Preamp, Medium-Speed Sw	40	40	12	.3	.400 ($T_A = 25^\circ\text{C}$)	60	7000 min	TO-92	T16*
ECG175	NPN-Si, AF Pwr Amp	500	300	6	3	40	10	50 typ	TO-66	T25
ECG176	PNP-Ge, AF Pwr Amp	25	25	6	2	6	.700	110 typ	TO-39	T6
ECG179 ECG179MP*	PNP-Ge, AF Pwr Amp	90	90	2	25	106	.35 min	55 typ	TO-3	T28
ECG180 ECG180MCP	PNP-Si, AF Amp (Compl to ECG181) Matched Compl Pair-Contains one each ECG181 (NPN) and ECG180 (PNP)	100	100 (CER)	4	30	200	2 min	25 min	TO-3	T28
ECG181 ECG181MP*	NPN-Si, AF Amp (Compl to ECG180)	100	100 (CER)	4	30	200	2 min	25 min	TO-3	T28
ECG182	NPN-Si, AF Pwr Amp, Hi Speed Sw (Compl to ECG183)	100	80	4	10	90	2	30 min	TO-127	T46
ECG183	PNP-Si, AF Pwr Amp, Hi Speed Sw (Compl to ECG182)	100	80	4	10	90	2	30 min	TO-127	T46
ECG184 ECG184MP*	NPN-Si, AF Pwr Amp, Hi Speed Sw (Compl to ECG185)	80	80	5	4	40	2	30 min	TO-126	T45
ECG185 ECG185MCP	PNP-Si, AF Pwr Amp, Hi Speed Sw (Compl to ECG184) Matched Compl Pair-Contains one each ECG184 (NPN) and ECG185 (PNP)	80	80	5	4	40	2	30 min	TO-126	T45
ECG186	NPN-Si, AF Pwr Amp, Hi Speed Sw (Compl to ECG187)	70	60	5	3	12.5	50	80 typ	TO-202	T38
ECG186A	NPN-Si, AF Pwr Amp, Driver (Compl to ECG187A)	50	50	5	3	10	150	80 min	TO-202M	T39
ECG187	PNP-Si, AF Pwr Amp, Hi Speed Sw (Compl to ECG186)	70	60	5	3	12.5	50	80 typ	TO-202	T38
ECG187A	PNP-Si, AF Pwr Amp (Compl to ECG186A)	50	50	5	3	10	150	80 min	TO-202M	T39
ECG188	NPN-Si, AF Driver, Pwr Amp (Compl to ECG189)	80	80	4	2	10	50	80 typ	TO-202N	T36
ECG189	PNP-Si, AF Driver, Pwr Amp (Compl to ECG188)	80	80	4	2	10	50	80 typ	TO-202N	T36
ECG190	NPN-Si, AF Pwr Amp, Horiz Driver	180	180	5	1	10	100	40 min	TO-202N	T36
ECG191	NPN-Si, HV AF Amp, HV Video Amp (Compl to ECG240)	300	300	6	.5	10	60	40 min	TO-202N	T36
ECG192	NPN-Si, AF Pwr Output (Compl to ECG193)	70	70 (CES)	5	1	.700 ($T_A = 25^\circ\text{C}$) 1 ($T_C = 25^\circ\text{C}$)	120 min	150 typ	TO-92HS	T21
ECG192A	NPN-Si, AF PO (Compl to ECG193A)	70	70 (CES)	5	.5	.6 ($T_A = 25^\circ\text{C}$)	120	120 min	T-16HS	T22*
ECG193	PNP-Si, AF Pwr Output (Compl to ECG192)	70	70 (CES)	5	1	.700 ($T_A = 25^\circ\text{C}$) 1 ($T_C = 25^\circ\text{C}$)	120 min	150 typ	TO-92HS	T21

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 1-76