

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 _{CB0}	Collector To Emitter Volts BV _{CE0}	Base to Emitter Volts BV _{EB0}	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.
ECG260	PNP-Si, Darlington Pwr Amp (Compl to ECG259)	100	100	5	8	75	---	2500 typ	TO-127	T46
ECG261	NPN-Si, Darlington Pwr Amp (Compl to ECG262)	100	100	5	8	65	---	1000 min	TO-220	T41
ECG262	PNP-Si, Darlington Pwr Amp (Compl to ECG261)	100	100	5	8	65	---	1000 min	TO-220	T41
ECG263	NPN-Si, Darlington Pwr Amp (Compl to ECG264)	100	100	5	10	65	---	1000 min	TO-220	T41
ECG264	PNP-Si, Darlington Pwr Amp (Compl to ECG263)	100	100	5	10	65	---	1000 min	TO-220	T41
ECG265	NPN-Si, Darlington Pwr Amp, Switch	50	50	13	.5	6.25	---	10000 min	TO-202	T38
ECG266	NPN-Si, Darlington Pwr Amp, Switch	50	50	13	.5	6.25	---	40000 min	TO-202	T38
ECG267	NPN-Si, Darlington Pwr Amp, Switch	30	30	13	.5	6.25	---	90000 min	TO-202	T38
ECG268	NPN-Si, Darlington Pwr Amp (Compl to ECG269)	50	50	13	2	10	---	1000 min	TO-202	T38
ECG269	PNP-Si, Darlington Pwr Amp (Compl to ECG268)	50	50	13	2	10	---	1000 min	TO-202	T38
ECG270	NPN-Si, Darlington Pwr Amp, Switch (Compl to ECG271)	100	100	5	10	125	---	1000 min	TO-3P (TO-218)	T48
ECG271	PNP-Si, Darlington Pwr Amp, Switch (Compl to ECG270)	100	100	5	10	125	---	1000 min	TO-3P (TO-218)	T48
ECG272	NPN-Si, Darlington Pwr Amp, Switch (Compl to ECG273)	50	40	12	2	10	---	25000 min	TO-202N	T36
ECG273	PNP-Si, Darlington Pwr Amp, Switch (Compl to ECG272)	50	40	12	2	10	---	25000 min	TO-202N	T36
ECG274	NPN-Si, Darlington Pwr Amp, Switch (Compl to ECG275)	80	80	5	4	50	---	3000 typ	TO-66	T25
ECG275	PNP-Si, Darlington Pwr Amp, Switch (Compl to ECG274)	80	80	5	4	50	---	3000 typ	TO-66	T25
ECG278	NPN-Si, Broad Band RF Amp	40	30	4	.4	3.5	1200 min	30 min	TO-39	T6
ECG280 ECG280MP*	NPN-Si, AF Pwr Amp (Compl to ECG281)	140	140	5	12	100	6	70 min	TO-3	T28
ECG281 ECG281MCP	PNP-Si, AF Pwr Amp (Compl to ECG280) Matched Compl Pair-Contains one each ECG280 (NPN) and ECG281 (PNP)	140	140	5	12	100	6	70 min	TO-3	T28
ECG283	NPN-Si, HV-Hi Current Sw, Horiz Output	800	325	8	10	100	6	15 min	TO-3	T28
ECG284 ECG284MP*	NPN-Si, AF Pwr Amp (Compl to ECG285)	180	180	5	16	150	6	70 min	TO-3	T28
ECG285 ECG285MCP	PNP-Si, AF Pwr Amp (Compl to ECG284) Matched Compl Pair-Contains one each ECG284 (NPN) and ECG285 (PNP)	180	180	5	16	150	6	70 min	TO-3	T28
ECG286	NPN-Si, Pwr Amp, Sw, Horiz Output	300	250	6	2	25	8	100 min	TO-66	T25
ECG287	NPN-Si, HV Gen Purp Amp (Compl to ECG288)	300	300	6	.5	.625 (T _A = 25°C)	50	40 min	TO-92	T16
ECG288	PNP-Si, HV Gen Purp Amp (Compl to ECG287)	300	300	5	.5	.625 (T _A = 25°C)	50	40 min	TO-92	T16
ECG289A ECG289AMP*	NPN-Si, AF Pwr Amp (Compl to ECG290A)	100	80	5	.5	.500 (T _A = 25°C)	120	100 min	TO-92	T16

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

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