Transistors (cont'd) (Maximum Ratings at $T_C = 25°C$ 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.
ECG2340	NPN-Si, Darlington w/Damper Diode, Int. Zener Cntrl, Drvr, Sw, $t_f = 1$ μsec	60 ± 10	60 ± 10	7	8	45	---	2K min	TO-126N	T45-1
ECG2341	NPN-Si, Darlington, Driver, Sw, $t_{off} = 1.5$ μsec (Compl to ECG2342)	90	80 (CER)	5	1	.800	---	2K min	TO-92	T16
ECG2342	PNP-Si, Darlington, Driver, Sw, $t_{off} = 1.5$ μsec (Compl to ECG2341)	90	80 (CER)	5	1	.800	---	2K min	TO-92	T16
ECG2343	NPN-Si, Darlington Pwr Amp, Sw, $t_{off} = 6$ μsec typ (Compl to ECG2344)	120	120	5	10	125	---	1K min	TO-220	T41
ECG2344	PNP-Si, Darlington Pwr Amp, Sw, $t_{off} = 2.5$ μsec typ (Compl to ECG2343)	120	120	5	10	125	---	1K min	TO-220	T41
ECG2345	NPN-Si, Darlington Pwr Amp, Sw, $t_{off} = 5$ μsec typ (Compl to ECG2346)	120	120	5	6	60	---	750 min	SOT-82	T45-2
ECG2346	PNP-Si, Darlington Pwr Amp, Sw, $t_{off} = 5$ μsec typ (Compl to ECG2345)	120	120	5	6	60	---	750 min	SOT-82	T45-2
ECG2347	NPN-Si, Hi Current, Sw, $t_f = .3$ μsec Typ	120	80	6	4	1	50	40 min	TO-39	T6
ECG2348	NPN-Si, HV, Hi Current, $t_f = .3$ μsec Typ	900	800	7	10	150	15	8 min	TO-3PJ	T48-1
ECG2349	NPN-Si, Darlington, Hi Current, Gen Purp Amp (Compl to ECG2350)	120	120	5	50	300	---	1000 min	TO-3	T28-1
ECG2350	PNP-Si, Darlington, Hi Current, Gen Purp Amp (Compl to ECG2349)	120	120	5	50	300	---	1000 min	TO-3	T28-1
ECG2351	NPN-Si, Darlington, Pwr Amp, Sw, $t_f = 0.6$ μsec typ (Compl to ECG2352)	100	80	5	4	15	---	1K min	TO-126N	T45-5
ECG2352	PNP-Si, Darlington, Pwr Amp, Sw, $t_f = 0.4$ μsec typ (Compl to ECG2351)	100	80	5	4	15	---	1K min	TO-126N	T45-5
ECG2353	NPN-Si, Horiz Sw w/Damper Diode, $t_f = .3$ μsec Max	1500	800	6	10	70	---	8 min	TO-3PM	T48-3
ECG2354	NPN-Si, Horiz Out, HV, Sw, $t_f = .2$ μsec Max	1500	800	6	10	150	---	8 min	TO-3PJ	T48-1
ECG2355	NPN-Si, Digital w/Base Resistor (10K), Sw, Driver (Compl to ECG2356)	50	50	10	.100	.300	250	30 min	SP-92	T13-2
ECG2356	PNP-Si, Digital w/Base Resistor (10K), Sw, Driver (Compl to ECG2355)	50	50	10	.100	.300	250	30 min	SP-92	T13-2
ECG2357	NPN-Si, Digital w/Base Resistor (22K), Sw, Driver (Compl to ECG2358)	50	50	10	.100	.300	250	50 min	SP-92	T13-2
ECG2358	PNP-Si, Digital w/Base Resistor (22K), Sw, Driver (Compl to ECG2357)	50	50	10	.100	.300	250	50 min	SP-92	T13-2
ECG2359	NPN-Si, Digital w/Base Resistor (47K), Sw, Driver (Compl to ECG2360)	50	50	10	.100	.300	250	65 min	SP-92	T13-2
ECG2360	PNP-Si, Digital w/Base Resistor (47K), Sw, Driver (Compl to ECG2359)	50	50	10	.100	.300	250	65 min	SP-92	T13-2
ECG2361	NPN-Si, Gen Purp Amp, Sw, $t_f = 0.1$ μsec typ (Compl to ECG2362)	60	50	5	.5	.3	200	200 typ	SP-92	T13-2
ECG2362	PNP-Si, Gen Purp Amp, Sw, $t_f = 0.1$ μsec typ (Compl to ECG2361)	60	50	5	.5	.3	200	200 typ	SP-92	T13-2

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