





Silicon Small Signal Transistors (cont'd)

Breakdown Voltage		Type		Application	Collector Current I_c (A)	Collector Diss. PD (W)	Current Gain hFE	Freq in MHz ft	Package
BVCBO	BVCEO	NPN	PNP						Case/Basing
50	50	ECG2355	ECG2356	Digital w/Base Resistor (10K) Sw, Driver	.1	.3	30 min	250	SP-92 Fig. T13-1* Fig. T13-2 
50	50	ECG2367	ECG2368	Digital w/Base Resistor (4.7K) Sw, Driver	.1	.3	30 min	250	
50	50	ECG2369	ECG2370	Digital w/Base Resistor (4.7/47K) Sw, Driver	.1	.3	30 min	250	
50	50	ECG2357	ECG2358	Digital w/Base Resistor (22K) Sw, Driver	.1	.3	50 min	250	
50	50	ECG2359	ECG2360	Digital w/Base Resistor (47K) Sw, Driver	.1	.3	65 min	250	
60	50	ECG2361*	ECG2362*	Gen Purp Amp, Sw, $t_f = .1 \mu s$ (typ)	.5	.300	200 typ	200	
120	120	ECG26*	---	Audio Amp, Lo Noise	50 mA	.3 $T_A = 25^\circ C$	300 min	100	
25	20	ECG13	---	Hi Gain, Gen Purp Amp	.5	.6	400 min	200	M-71 Fig. T20-3 
30	25	ECG2505	---	Gen Purp Amp, Hi Gain, Sw, $t_f = .1 \mu s$ (typ)	2	1	1000 min	260	
40	32	ECG20	ECG21	AF PO, Driver, Series Pass	2 2.5 peak	1	120 min	100	
50	40	ECG16	ECG17	Gen Purp, Small Sig, Lo Noise	.1	.3	300	180/140	
80	80	ECG18	ECG19	AF Driver, Gen Purp Amp	.7 1 peak	1	120 min	120/100	
100	80	ECG22	---	AF Pwr Output, Driver, Gen Purp Amp	1 2 peak	1	120 min	100	
30	18	ECG15	---	VHF Amp, Mixer, Osc, UHF Osc	50 mA	.3	40 min	600 min	M-68 Fig. T20-2 
80	80	---	ECG14	Gen Purp AF Amp, Driver	.7	.75	120 min	100	
20	15	ECG2402	ECG2403	Lo Noise, UHF/VHF Amp ECG2402 ($G_{PE} = 15$ dB Typ) ECG2403 ($G_{PE} = 18$ dB Typ)	25 mA	.200	40/20 min	5 GHz	SOT-23 Fig. T20-4 
30	30	---	ECG2401	RF Amp, Osc, Mixer, VHF/FM	25 mA	.300	---	450 typ	
40	30	ECG2404	ECG2405	Darlington, Preamp Dr, Gen Purp Amp	.300	.350	4,000 min	220	
50	50	ECG2414	ECG2415	Digital w/Base Resistor (10K) Sw, Driver	.100	.200	30 min	250	
50	50	ECG2416	ECG2417	Digital w/Base Resistor (22K) Sw, Driver	.100	.200	50 min	250	
50	50	ECG2418	ECG2419	Digital w/Base Resistor (47K) Sw, Driver	.100	.200	65 min	250	
75/60	40/60	ECG2406	ECG2407	AF/RF Amp, Driver, Sw	.800/ .600	.425	100 min	300/200	
80	65	ECG2408	ECG2409	Lo Noise, AF/RF, Gen Purp Amp	.100	.200	300/350 typ	300/150	
180/160	160/150	ECG2410	ECG2411	Gen Purp, HV, Dr, Amp	.600	.350	80/60 min	300	
300	300 (CER)	ECG2412	ECG2413	Gen Purp, HV Amp	50 mA	.310	50 min	60	

Package Outlines - See Page 1-78