
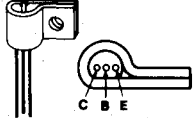
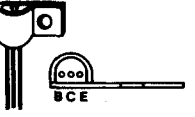
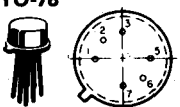
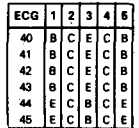
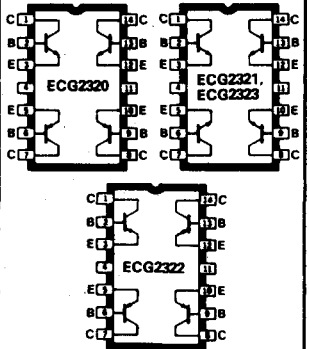
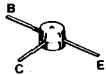
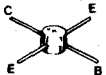
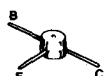


# Silicon Small Signal Transistors (cont'd)

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
90	80 (CER)	ECG2426	ECG2427	Darlington Driver, Sw	.500	1	2,000 min	---	SOT-89 Fig. T20-5 
90	80	ECG2428	ECG2429	Gen Purp Amp, Sw	1	1	100 min	100	
400/350	350/300	ECG2430	ECG2431	HV, Gen Purp Amp	1	1	40/30 min	70/15	
70	70	ECG192	ECG193	Gen Purp, Pwr Amp	1	1 Tc 25°C	150 typ	120 min	TO-92HS Fig. T21 
70	70	---	ECG193A	Gen Purp, Pwr Amp	.5	.6	120 min	120	T16HS Fig. T22 
75/60	40	ECG81	ECG82	Dual VHF Amp, Sw	.6	.6 total TA = 25°C 2 total TC = 25°C	100 min	250	TO-78 Fig. T12  1. Collector 1 2. Base 1 3. Emitter 1 4. Emitter 2 5. Base 2 6. Collector 2
50	50	ECG42	ECG43	Dual Diff. Amp, Common Emitter	.1	.2 unit .4 total	400 min	100	SIP-5 Fig. T20-1 
100	100	ECG40	ECG41	Dual Diff. Amp, Common Emitter	50 mA	.2 unit .4 total	400 min	150	
100	100	ECG44	ECG45	Dual Bias Amp, Common Base	.1	.2 unit .4 total	400 min	100	
60	30	ECG2320		Quad Discrete, Compl Pair, Sw, $t_{on} = 30$ ns, $t_{off} = 225$ ns (typ)	.5	1 unit 3 total	100 min	350	14-Pin DIP Fig. T66 
60	40	ECG2321	---	Quad Gen Purp Amp, Sw, $t_{on} = 25$ ns, $t_{off} = 250$ ns (typ)	.5	.65 unit 1.9 total	100 min	350	
60	40	---	ECG2322	Quad Gen Purp Amp, Sw, $t_{on} = 30$ ns, $t_{off} = 225$ ns (typ)	.5	.65 unit 1.9 total	100 min	350	
200	200	ECG2323	---	Quad HV Amp, Driver	.5	.75 unit 1.7 total	60	80	
30	30	ECG313	---	RF Amp	20 mA	.15	25 min	400 min	RF-15 Fig. T49 
20	12	ECG63	---	UHF/Microwave Amp/Mixer	40 mA	.400	40	5 GHz typ	RF-19A Fig. T49-3 
25	15	ECG64	---	UHF/Microwave Amp/Hi Speed Sw	30 mA	.350	60	4.5 GHz typ	
20	15	ECG65	---	UHF/Microwave Amp, CATV, MATV	25 mA	.180	30 typ	5 GHz typ	RF-19 Fig. T49-2 
50	30	ECG76	---	CATV Broadband Amp	.4	5	30 min	1800	TO-117 Fig. T50 