



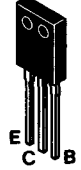
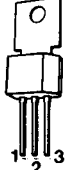
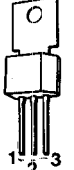


Silicon Power Transistors (cont'd)

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																																								
900	500	ECG2337	---	HV, Hi Speed Sw, $t_f = .3 \mu s$ (max)	7	40	8	---	TO-220J Fig. T41-1 																																								
1000	800	ECG2339	---	HV, Hi Speed Sw, $t_f = .3 \mu s$ (max)	3	40	8	---																																									
100	80	ECG182	ECG183	Hi Speed Sw, Amp, $t_f = .4 \mu s$ (typ)	10	90	30	2	TO-127 Fig. T46  METAL CONTACT CONNECTS TO COLLECTOR																																								
75	40	ECG295	---	RF Output Driver	1	5	20 min	150 min	TO-126 Fig. T45  METAL CONTACT CONNECTS TO COLLECTOR																																								
80	80	ECG184	ECG185	Hi Speed Sw, Amp, $t_f = .34 \mu s$ (typ)	4	40	30 min	2																																									
180	160	ECG373	ECG374	Gen Purp, Pwr Amp	1.5	1 T_A 25°C 20 T_C 25°C	100 typ	140																																									
300	300	ECG157	ECG39	Gen Purp, HV Amp	.5	20.8	30 min	10																																									
1000	450	ECG2327	---	HV, Hi Speed Sw, $t_f = .4 \mu s$ (typ)	.5	20	50 typ	20																																									
300	300	ECG2501	ECG2502	Hi Freq, Video Output	.1	7	100 min	150	TO-126M Fig. T69 																																								
30	25	ECG2504	---	Gen Purp, Hi Gain Amp, Sw, $t_f = .1 \mu s$ (typ)	2	1.2	1500 typ	260	TO-126M Fig. T67 																																								
50	40	ECG300	ECG307	Gen Purp	1.5	7	90 min	70	TO-202 Fig. T38  <table border="1" data-bbox="1372 1354 1502 1564"> <thead> <tr> <th>ECG</th> <th>1</th> <th>2</th> <th>3</th> </tr> </thead> <tbody> <tr> <td>49</td> <td>E</td> <td>B</td> <td>C</td> </tr> <tr> <td>50</td> <td>E</td> <td>B</td> <td>C</td> </tr> <tr> <td>186</td> <td>B</td> <td>C</td> <td>E</td> </tr> <tr> <td>187</td> <td>B</td> <td>C</td> <td>E</td> </tr> <tr> <td>300</td> <td>C</td> <td>B</td> <td>E</td> </tr> <tr> <td>307</td> <td>C</td> <td>B</td> <td>E</td> </tr> <tr> <td>171</td> <td>E</td> <td>B</td> <td>C</td> </tr> <tr> <td>210</td> <td>E</td> <td>B</td> <td>C</td> </tr> <tr> <td>211</td> <td>E</td> <td>B</td> <td>C</td> </tr> </tbody> </table>	ECG	1	2	3	49	E	B	C	50	E	B	C	186	B	C	E	187	B	C	E	300	C	B	E	307	C	B	E	171	E	B	C	210	E	B	C	211	E	B	C
ECG	1	2	3																																														
49	E	B	C																																														
50	E	B	C																																														
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300	C	B	E																																														
307	C	B	E																																														
171	E	B	C																																														
210	E	B	C																																														
211	E	B	C																																														
70	60	ECG186	ECG187	Hi Speed Sw, $t_f = .075 \mu s$ (typ)	3	12.5	80 typ	50																																									
90	75	ECG210	ECG211	Hi Speed Sw, $t_f = .05 \mu s$ (typ)	1	6.25	120 min	200																																									
125	100	ECG49	ECG50	Gen Purp, Pwr Amp	2	10	100 typ	150																																									
300	300	ECG171	---	Gen Purp, Amp, Video	.5	10	40 typ	75																																									
36	18	ECG78	---	RF Amp, CB	.6	5	5 min	---	TO-202M Fig. T39 <table border="1" data-bbox="1250 1627 1421 1774"> <thead> <tr> <th>ECG</th> <th>1</th> <th>2</th> <th>3</th> <th>TAB</th> </tr> </thead> <tbody> <tr> <td>78</td> <td>B</td> <td>C</td> <td>E</td> <td>C</td> </tr> <tr> <td>79</td> <td>B</td> <td>C</td> <td>E</td> <td>C</td> </tr> <tr> <td>186A</td> <td>B</td> <td>C</td> <td>E</td> <td>C</td> </tr> <tr> <td>187A</td> <td>B</td> <td>C</td> <td>E</td> <td>C</td> </tr> <tr> <td>228A</td> <td>E</td> <td>B</td> <td>C</td> <td>C</td> </tr> </tbody> </table> 	ECG	1	2	3	TAB	78	B	C	E	C	79	B	C	E	C	186A	B	C	E	C	187A	B	C	E	C	228A	E	B	C	C										
ECG	1	2	3	TAB																																													
78	B	C	E	C																																													
79	B	C	E	C																																													
186A	B	C	E	C																																													
187A	B	C	E	C																																													
228A	E	B	C	C																																													
36	18	ECG79	---	RF Amp, CB	2	10	5 min	---																																									
50	50	ECG186A	ECG187A	Gen Purp, Pwr Amp	3	10	80 min	150																																									
450	350	ECG228A	---	Gen Purp, Linear Amp	1	10	40 typ	15																																									

Package Outlines - See Page 1-78