

3918590 GENERAL SEMICONDUCTOR

95D 02090 D

T-33-07

T-33.09

Ic = 1.0 AMPS

DEVICE TYPE	PACKAGE	BV <sub>CEO</sub> VOLTS	BV <sub>CBO</sub> /BV <sub>CEV</sub> VOLTS	BV <sub>EB0</sub> VOLTS	P <sub>D</sub> @100°C WATTS	h <sub>FE</sub> @		I <sub>C</sub> AMPS	V <sub>CE</sub> VOLTS	V <sub>CE(sat)</sub> @ I <sub>C</sub>		I <sub>B</sub> AMPS	f <sub>T</sub> MHz	I <sub>CBO</sub> /I <sub>CEV</sub> μAMP	@ V <sub>CB</sub> VOLTS	DATA SHEET PG. NO.
						Min.	Max.			VOLTS	AMPS					
2N545	TO-5	50	60	6.0	5.0	15	80	0.5	6.0	1.0	0.5	0.05		15	60	
2N546	TO-5	30	30	6.0	5.0	15	80	0.5	6.0	1.0	0.5	0.05		15	30	
2N547	TO-5	60	60	6.0	5.0	20	80	0.5	6.0	1.0	0.5	0.05	4.0	15	60	
2N548	TO-5	30	30	6.0	5.0	20	80	0.5	6.0	1.0	0.5	0.05	4.0	15	30	
2N549	TO-5	60	60	6.0	5.0	20	80	0.2	6.0	0.6	0.2	0.02	4.0	15	60	
2N550	TO-5	30	30	6.0	5.0	20	80	0.2	6.0	0.6	0.2	0.02	4.0	15	30	
2N1052	TO-5	155	200	6.0	5.0	20	80	0.2	6.0	0.6	0.2	0.02		10	200	
2N1054	TO-5	115	125	6.0	5.0	20	80	0.2	6.0	0.6	0.2	0.02	8.0	5	125	
2N1055	TO-5	100	100	6.0	3.0	20	80	0.05	6.0	0.6	50mA	5mA	3.0	15	100	
2N1116	TO-5	60	60	6.0	5.0	40	150	0.5	6.0	1.0	0.5	0.05	6.0	15	60	
2N1117	TO-5	60	60	6.0	5.0	40	150	0.2	6.0	0.6	0.2	0.02	4.0	15	60	
2N1252	TO-5	20	30	5.0	4.0	35	100	0.15	10.0	0.5	0.15	0.015	80.0	10	20	
2N1253	TO-5	20	30	5.0	4.0	45	100	0.15	10.0	0.5	0.15	0.015	110.0	10	20	
2N1445	TO-5	120	120	8.0	4.0	20	80	0.2	10.0	0.6	0.2	0.04	0.075	10	120	
2N1700	TO-5	40	60	6.0	5.0	20	80	0.1	4.0	1.0	0.1	0.01	0.4	75	60	
2N1714	TO-5	60	90	6.0	6.0	20	60	0.2	5.0	2.0	0.2	0.02	16.0	1.0	30	
2N1715	TO-5	100	150	6.0	6.0	20	60	0.2	5.0	2.0	0.2	0.02	16.0	1.0	30	
2N1716	TO-5	60	90	6.0	6.0	40	120	0.2	5.0	2.0	0.2	0.02	16.0	1.0	30	
2N1717	TO-5	100	150	6.0	6.0	40	120	0.2	5.0	2.0	0.2	0.02	16.0	1.0	30	
2N1983	TO-5	25	30	5.0	1.0	80	240	5mA	5.0	0.25	5mA	0.5mA	40.0	5.0	30	
2N1984	TO-5	25	30	5.0	1.0	40	120	5mA	5.0	0.25	5mA	0.5mA	40.0	5.0	30	
2N1985	TO-5	25	30	5.0	1.0	20	80	5mA	5.0	0.25	5mA	0.5mA	40.0	0.025	30	
2N2018	TO-111	125	150	6.0	20.0	20	60	0.5	10.0	6.0	1.0	0.1	2.0	100	100	
2N2019	TO-111	140	200	6.0	20.0	20	60	0.5	10.0	6.0	1.0	0.1	2.0	100	100	
2N2150	TO-111	80	125	8.0	30.0	20	60	1.0	5.0	5.0	1.0	1.0	0.1	15		
2N2151	TO-111	80	125	8.0	30.0	40	120	1.0	5.0	5.0	1.0	1.0	0.1	15		
2N2987	TO-5	80	95	7.0	15.0	25	75	0.2	5.0	3.0	0.5	0.05	30.0	0.025	90	
2N2988	TO-5	100	155	7.0	15.0	25	75	0.2	5.0	3.0	0.5	0.05	30.0	0.025	150	
2N2989	TO-5	80	95	7.0	15.0	60	120	0.2	5.0	3.0	0.5	0.05	30.0	0.025	90	
2N2990	TO-5	100	155	7.0	15.0	60	120	0.2	5.0	3.0	0.5	0.05	30.0	0.025	150	
2N3262	TO-39	80	100	4.0	5.0	40	120	0.5	4.0	0.6	1.0	0.1	100.0	0.1	30	
2N4000	TO-5	80	100	8.0	15.0	30	120	0.5	2.0	0.5	1.0	0.1	40.0	2.0	90	
2N4001	TO-5	100	120	8.0	15.0	40	120	0.5	2.0	0.5	1.0	0.1	40.0	2.0	110	
2N4237	TO-5	40	50	6.0	5.0	30	150	0.2	5.0	0.6	0.2	0.02	1.0	100	10	
2N4238	TO-5	60	80	6.0	5.0	30	150	0.2	5.0	0.6	0.2	0.02	1.0	100	10	
2N4239	TO-5	80	100	6.0	5.0	30	150	0.2	5.0	0.6	0.2	0.02	1.0	100	10	
2N4305	TO-5	80	120	6.0	6.6	50	150	1.0	2.0	1.0	5.0	0.5	80.0	.150	80	
2N4307	TO-5	60	100	6.0	6.6	50	150	1.0	2.0	1.0	5.0	0.5	80.0	.500	80	
2N4309	TO-5	80	120	6.0	6.6	4	120	1.0	2.0	1.0	3.0	0.3	80.0	.150	80	
2N4311	TO-5	60	100	6.0	6.6	40	120	1.0	2.0	1.0	3.0	0.3	80.0	.500	80	
2N5660	TO-66	200	250	6.0	20.0	40	120	0.5	5.0	0.4	1.0	0.1	20.0	1.0	250	4-38
2N5661	TO-66	300	400	6.0	20.0	25	75	0.5	5.0	0.4	1.0	0.1	20.0	1.0	400	4-38
2N5662	TO-5	200	250	6.0	20.0	40	120	0.5	5.0	0.4	1.0	0.1	20.0	1.0	250	4-39
2N5663	TO-5	300	400	6.0	20.0	25	75	0.5	5.0	0.4	1.0	0.1	20.0	1.0	400	4-39

Ic = 2.0 AMPS

DEVICE TYPE	PACKAGE	BV <sub>CEO</sub> VOLTS	BV <sub>CBO</sub> /BV <sub>CEV</sub> VOLTS	BV <sub>EB0</sub> VOLTS	P <sub>D</sub> @100°C WATTS	h <sub>FE</sub> @		I <sub>C</sub> AMPS	V <sub>CE</sub> VOLTS	V <sub>CE(sat)</sub> @ I <sub>C</sub>		I <sub>B</sub> AMPS	f <sub>T</sub> MHz	I <sub>CBO</sub> /I <sub>CEV</sub> μAMP	@ V <sub>CB</sub> VOLTS	DATA SHEET PG. NO.
						Min.	Max.			VOLTS	AMPS					
2N4300	TO-5	80	100	8.0	15.0	30	120	1.0	2.0	0.3	1.0	0.1	30	10.0	90	
2N4863	TO-5	120	140	8.0	4.0	50	150	0.5	5.0	1.5	2.0	0.2	50	0.1	60	4-28
2N4864	TO-66	120	140	8.0	16.0	50	150	0.5	5.0	1.5	2.0	0.2	50	0.1	60	4-28
2N5148	TO-39	80	100	6.0	40.0	30	90	1.0	5.0	0.46	1.0	0.1	50	1.0	60	4-31
2N5150	TO-39	80	100	6.0	4.0	70	200	1.0	5.0	0.46	1.0	0.1	60	1.0	60	4-31
2N5598	TO-66	60	80	6.0	12.5	70	200	1.0	5.0	0.85	2.0	0.2	60	1.0mA	80	
2N5600	TO-66	80	100	6.0	13.0	30	90	1.0	5.0	0.85	2.0	0.2	50	1.0mA	100	
2N5602	TO-66	80	100	6.0	13.0	70	200	1.0	5.0	0.85	2.0	0.2	60	1.0mA	100	
2N5604	TO-66	100	120	6.0	13.0	30	90	1.0	5.0	0.85	2.0	0.2	50	1.0mA	100	
XGSA1530	TO-5	300	350	7.0	7.5	10	1.5	5.0	0.4	1.5	0.3	0.3	30	10.0	280	4-119
XGSA1535	TO-5	350	400	7.0	7.5	10	1.5	5.0	0.4	1.5	0.3	0.3	30	10.0	320	4-119
XGSA1540	TO-5	400	450	7.0	7.5	10	1.5	5.0	0.4	1.5	0.3	0.3	30	10.0	360	4-119
XGSQ1530	TO-66	300	350	7.0	10.0	10	1.5	5.0	0.4	1.5	0.3	0.3	30	10.0	280	4-122
XGSQ1535	TO-66	350	400	7.0	10.0	10	1.5	5.0	0.4	1.5	0.3	0.3	30	10.0	320	4-122
XGSQ1540	TO-66	400	450	7.0	10.0	10	1.5	5.0	0.4	1.5	0.3	0.3	30	10.0	360	4-122