

I_c = 2.0 AMPS

DEVICE TYPE	PACKAGE	BV _{CEO} VOLTS	BV _{CBO} / BV _{CEV} VOLTS	BV _{EB0} VOLTS	P _D @ 100°C WATTS	h _{FE} @		I _C AMPS	V _{CE} VOLTS	V _{CE(sat)} VOLTS	@ I _C AMPS	I _B AMPS	f _T MHz	I _{CBO} / I _{CEV} μAMP	@ V _{CB} VOLTS	DATA SHEET PG. NO.
						Min.	Max.									
2N4300	TO-5	80	100	8.0	15.0	30 - 120	1.0	2.0	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	3-18	
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	3-18	
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	3-31	
2N5150	TO-39	80	100	6.0	4.0	70 - 200	1.0	5.0	0.46	1.0	0.1	60	0.1	60	3-19	

I_c = 3.0 AMPS

DEVICE TYPE	PACKAGE	BV _{CEO} VOLTS	BV _{CBO} / BV _{CEV} VOLTS	BV _{EB0} VOLTS	P _D @ 100°C WATTS	h _{FE} @		I _C AMPS	V _{CE} VOLTS	V _{CE(sat)} VOLTS	@ I _C AMPS	I _B AMPS	f _T MHz	I _{CBO} / I _{CEV} μAMP	@ V _{CB} VOLTS	DATA SHEET PG. NO.
						Min.	Max.									
2N3418	TO-5	60	85	8.0	15.0	20 - 60	1.0	2.0	0.25	1.0	0.1	40.0	0.5	80	3-8	
2N3419	TO-5	80	125	8.0	15.0	20 - 60	1.0	2.0	0.25	1.0	0.1	40.0	0.5	120	3-8	
2N3420	TO-5	60	85	8.0	15.0	40 - 120	1.0	2.0	0.25	1.0	0.1	40.0	0.5	80	3-8	
2N3421	TO-5	80	125	8.0	15.0	40 - 120	1.0	2.0	0.25	1.0	0.1	40.0	0.5	120	3-8	
2N3506	TO-39	40	60	5.0	2.6	40 - 200	1.5	2.0	1.0	1.5	0.15	60.0			3-10	
2N3507	TO-39	50	80	5.0	2.6	30 - 150	1.5	2.0	1.0	1.5	0.15	60.0			3-10	
2N4877	TO-5	60	70	5.0	5.7	20 - 100	2.0	1.0	1.0	0.4	0.4	30.0	100	70		
2N5334	TO-39	60	60	8.0	3.4	30 - 150	1.0	2.0	0.7	2.0	0.2	40.0	5.0	60		
2N5335	TO-39	80	80	8.0	3.4	15	2.0	2.0	0.7	2.0	0.2	40.0	5.0	80		
X6S7001	TO-39	30	50	5.0	2.9	20	2.0	2.0	1.0	1.0	0.1	120.0	10	30	3-87	
X6S7002	TO-39	60	70	5.0	2.9	15	2.0	2.0	1.0	1.0	0.1	120.0	10	40	3-87	

I_c = 5.0 AMPS

DEVICE TYPE	PACKAGE	BV _{CEO} VOLTS	BV _{CBO} / BV _{CEV} VOLTS	BV _{EB0} VOLTS	P _D @ 100°C WATTS	h _{FE} @		I _C AMPS	V _{CE} VOLTS	V _{CE(sat)} VOLTS	@ I _C AMPS	I _B AMPS	f _T MHz	I _{CBO} / I _{CEV} μAMP	@ V _{CB} VOLTS	DATA SHEET PG. NO.
						Min.	Max.									
2N2657	TO-5	60	80	7.0	4.0	40 - 120	1.0	2.0	0.5	1.0	0.1	20	0.1	60		
2N2658	TO-5	80	100	7.0	4.0	40 - 120	1.0	2.0	0.5	1.0	0.1	20	0.1	60		
2N2690	TO-5	80	100	5.0	3.0	30 - 90	1.0	2.0	0.5	1.0	0.1	30	0.1	60		
2N2891	TO-5	80	100	5.0	3.0	50 - 150	1.0	2.0	0.5	1.0	0.1	30	0.1	60		
2N3996	TO-111/Iso	80	100	8.0	30.0	40 - 120	1.0	2.0	0.25	1.0	0.1	40	5.0	90	3-12	
2N3997	TO-111/Iso	80	100	8.0	30.0	80 - 240	1.0	2.0	0.25	1.0	0.1	40	5.0	90	3-12	
2N3998	TO-111	80	100	8.0	30.0	40 - 120	1.0	2.0	0.25	1.0	0.1	40	5.0	90	3-12	
2N3999	TO-111	80	100	8.0	30.0	80 - 240	1.0	2.0	0.25	1.0	0.1	40	5.0	90	3-12	
2N4150	TO-5	80	100	5.0	5.0	40 - 120	5.0	5.0	0.6	5.0	0.5	15	0.1	60	3-16	
2N5152	TO-39	80	100	6.0	6.0	30 - 90	2.5	5.0	1.5	5.0	0.5	60	1.0	60		
2N5154	TO-39	80	100	6.0	6.0	70 - 200	2.5	5.0	1.5	5.0	0.5	70	1.0	60		
2N5336	TO-39	80	80	6.0	3.4	30 - 120	2.0	2.0	0.7	2.0	0.2	30	10	80		
2N5337	TO-39	80	80	6.0	3.4	60 - 240	2.0	2.0	0.7	2.0	0.2	30	10	80		
2N5338	TO-39	100	100	6.0	3.4	30 - 120	2.0	2.0	0.7	2.0	0.2	30	10	100		
2N5339	TO-39	100	100	6.0	3.4	60 - 240	2.0	2.0	0.7	2.0	0.2	30	10			
2N5487	TO-5/S	80	120	8.0	15.0	100 - 300	1.0	2.0	0.25	1.0	0.1	40				
2N5487-1	TO-5	80	120	8.0	15.0	100 - 300	1.0	2.0	0.25	1.0	0.1	40				
2N5488	TO-5/S	100	150	8.0	15.0	40 - 120	1.0	2.0	0.25	1.0	0.1	40				
2N5488-1	TO-5	100	150	8.0	15.0	40 - 120	1.0	2.0	0.25	1.0	0.1	40				
6STU4030	TO-3	300	350	7.0	62.5	10	4.0	5.0	0.8	4.0	0.8	25	1000	280	3-75	
6STU4035	TO-3	350	400	7.0	62.5	10	4.0	5.0	0.8	4.0	0.8	25	1000	320	3-75	
6STU4040	TO-3	400	450	7.0	62.5	10	4.0	5.0	0.8	4.0	0.8	25	1000	360	3-75	

Available in JAN and JANTX(V)

Ic = 7.0 AMPS

DEVICE TYPE	PACKAGE	BV _{CEO} VOLTS	BV _{CEO} / BV _{CEV} VOLTS	BV _{EBO} VOLTS	P _D @ 100°C WATTS	h _{FE} @		I _C AMPS	V _{CE} VOLTS	V _{CE(sat)} VOLTS	@ I _C AMPS	I _B AMPS	f _T MHz	I _{CBO} / I _{CEV} uAMP	@ V _{CB} VOLTS	DATA SHEET PG. NO.
						Min.	Max.									
2N6579	TO-204	350	450	9.0	71.4	7 - 35		5.0	3.0	1.5	5.0	1.0	50			3-27
2N6580	TO-204	400	500	9.0	71.4	7 - 35		5.0	3.0	1.5	5.0	1.0	50			3-27
2N6581	TO-204	450	550	9.0	71.4	7 - 35		5.0	3.0	1.5	5.0	1.0	50			3-27
2N6585	TO-61/iso	350	450	9.0	71.4	7 - 35		5.0	3.0	1.5	5.0	1.4	50			
2N6586	TO-61/iso	500	500	9.0	71.4	7 - 35		5.0	3.0	1.5	5.0	1.4	50			
2N6587	TO-61/iso	450	550	9.0	71.4	7 - 35		5.0	3.0	1.5	5.0	1.4	50			3-39
2N6671	TO-204	300	450	8.0	85.0	10 - 40		5.0	3.0	1.0	5.0	1.4	60			3-39
2N6672	TO-204	350	550	8.0	85.0	10 - 40		5.0	3.0	1.0	5.0	1.0	60			3-39
2N6673	TO-204	400	650	8.0	85.0	10 - 40		5.0	3.0							
6STU6030	TO-3	300	350	7.0	62.5	10		6.0	5.0	0.8	6.0	1.2	25	500	280	3-81
6STU6035	TO-3	350	400	7.0	62.5	10		6.0	5.0	0.8	6.0	1.2	25	500	320	3-81
6STU6040	TO-3	400	450	7.0	62.5	10		6.0	5.0	0.8	6.0	1.2	25	500	360	3-81

Ic = 7.5 AMPS

DEVICE TYPE	PACKAGE	BV _{CEO} VOLTS	BV _{CEO} / BV _{CEV} VOLTS	BV _{EBO} VOLTS	P _D @ 100°C WATTS	h _{FE} @		I _C AMPS	V _{CE} VOLTS	V _{CE(sat)} VOLTS	@ I _C AMPS	I _B AMPS	f _T MHz	I _{CBO} / I _{CEV} uAMP	@ V _{CB} VOLTS	DATA SHEET PG. NO.
						Min.	Max.									
2N6582	TO-204	350	450	9.0	71.4	7 - 35		7.0	3.0	1.5	7.0	1.4	50			3-29
2N6583	TO-204	400	500	9.0	71.4	7 - 35		7.0	3.0	1.5	7.0	1.4	50			3-29
2N6584	TO-204	450	550	9.0	71.4	7 - 35		7.0	3.0	1.5	7.0	1.4	50			3-29
2N6586	TO-204	450	550	9.0	71.4	7 - 35		7.0	3.0	1.5	7.0	1.4	50			
2N6589	TO-61/iso	350	450	9.0	71.4	7 - 35		7.0	3.0	1.5	7.0	1.4	50			
2N6590	TO-61/iso	400	500	9.0	71.4	7 - 35		7.0	3.0	1.5	7.0	1.4	50			

Ic = 10 AMPS

DEVICE TYPE	PACKAGE	BV _{CEO} VOLTS	BV _{CEO} / BV _{CEV} VOLTS	BV _{EBO} VOLTS	P _D @ 100°C WATTS	h _{FE} @		I _C AMPS	V _{CE} VOLTS	V _{CE(sat)} VOLTS	@ I _C AMPS	I _B AMPS	f _T MHz	I _{CBO} / I _{CEV} uAMP	@ V _{CB} VOLTS	DATA SHEET PG. NO.
						Min.	Max.									
2N6232	TO-5	100	140	7.0	15.0	25 - 100		5.0	2.0	1.4	10.0	1.0	30	0.2	140	3-21
2N6674	TO-3	300	450	7.0	100.0	8 - 20		10.0	2.0	1.0	10.0	2.0	15	100	450	
2N6675	TO-3	400	450	7.0	100.0	8 - 20		10.0	2.0	1.0	10.0	2.0	15	100	650	
2N6680	TO-61/iso	300	450	7.0	100.0	8 - 20		10.0	2.0	1.0	10.0	2.0	15	100	450	
2N6690	TO-61/iso	400	650	7.0	100.0	8 - 20		10.0	2.0	1.0	10.0	2.0	15	100	650	
6STU8035	TO-3	350	400	7.0	94.0	10		8.0	5.0	0.8	8.0	1.6	25	320	500	3-79
6STU8040	TO-3	400	450	7.0	94.0	10		8.0	5.0	0.8	8.0	1.6	25	360	500	3-79
6STU8045	TO-3	450	500	7.0	94.0	10		8.0	5.0	0.8	8.0	1.6	25	400	500	3-79

I_c = 15 AMPS

DEVICE TYPE	PACKAGE	BV _{CEO} VOLTS	BV _{CEO} / BV _{CEV} VOLTS	BV _{EB0} VOLTS	P ₀ @ 100°C WATTS	h _{FE} @		I _c AMPS	V _{CE} VOLTS	V _{CE(sat)} VOLTS	@ I _c AMPS	I _B AMPS	f _T MHz	I _{CEO} / I _{CEV} μAMP	@ V _{CB} VOLTS	DATA SHEET PG. NO.
						Min.	Max.									
2N6546	TO-3	300	650	9.0	100	6 -	30	10	2.0	1.5	10	2.0	6	1000	650	
2N6547	TO-3	300	850	9.0	100	6 -	30	10	2.0	1.5	10	2.0	6	1000	850	
2N6676	TO-204	300	450	8.0	175	8		15	3.0	1.0	15	3.0	15	100	450	3-41
2N6677	TO-204	350	550	8.0	175	8		15	3.0	1.0	15	3.0	15	100	550	3-41
2N6678	TO-204	400	650	8.0	175	8		15	3.0	1.0	15	3.0	15	100	650	3-41
2N6691	TO-61/Iso	300	450	8.0	100	8		15	3.0	1.5	15	3.0	15	100	450	3-41
2N6692	TO-61/Iso	350	550	8.0	100	8		15	3.0	1.5	15	3.0	15	100	550	3-41
2N6693	TO-61/Iso	400	650	8.0	100	8		15	3.0	1.5	15	3.0	15	100	650	3-41
2N6920	TO-3	400	550	8.0	100	8		10	2.0	1.0	10	2.0	20	1000	550	3-43
2N6920A	TO-3	450	850	8.0	100	8		10	2.0	1.0	10	2.0	20	1000	850	3-43
2N6921	TO-3	400	550	8.0	100	8		10	2.0	1.0	10	2.0	20	1000	550	3-43
2N6921A	TO-3	450	850	8.0	100	8		10	2.0	1.0	10	2.0	20	1000	850	3-43
6SRU10030	TO-204	300	400	8.0	100	10		10	5.0	1.0	10	2.0	20	500	320	3-63
6SRU10035	TO-204	350	450	8.0	100	10		10	5.0	1.0	10	2.0	20	500	360	3-63
6SRU10040	TO-204	400	500	8.0	100	10		10	5.0	1.0	10	2.0	20	500	400	3-65
6STU10030	TO-204	300	400	8.0	100	8		10	5.0	1.0	10	2.0	25	100	320	3-81
6STU10035	TO-204	350	450	8.0	100	8		10	5.0	1.0	10	2.0	25	100	360	3-81
6STU10040	TO-204	400	500	8.0	100	8		10	5.0	1.0	10	2.0	25	100	400	3-81
XGSR10030	TO-3	300	350	7.0	100	10		10	5.0	0.8	10	2.0	25	500	280	3-88
XGSR10030-I	TO-3/Iso	300	350	7.0	100	10		10	5.0	0.8	10	2.0	25	500	280	3-88
XGSR10035	TO-3	350	400	7.0	100	10		10	5.0	0.8	10	2.0	25	500	320	3-88
XGSR10035-I	TO-3/Iso	350	400	7.0	100	10		10	5.0	0.8	10	2.0	25	500	320	3-88
XGSR10040	TO-3	400	450	7.0	100	10		10	5.0	0.8	10	2.0	25	500	360	3-88
XGSR10040-I	TO-3/Iso	400	450	7.0	100	10		10	5.0	0.8	10	2.0	25	500	360	3-88

I_c = 20 AMPS

DEVICE TYPE	PACKAGE	BV _{CEO} VOLTS	BV _{CEO} / BV _{CEV} VOLTS	BV _{EB0} VOLTS	P ₀ @ 100°C WATTS	h _{FE} @		I _c AMPS	V _{CE} VOLTS	V _{CE(sat)} VOLTS	@ I _c AMPS	I _B AMPS	f _T MHz	I _{CEO} / I _{CEV} μAMP	@ V _{CB} VOLTS	DATA SHEET PG. NO.
						Min.	Max.									
2N6653	TO-3	300	350	7.0	75	10		15	2.0	0.6	15	3.0	25	100	280	3-31
2N6654	TO-3	350	400	7.0	75	10		15	2.0	0.6	15	3.0	25	100	320	3-31
2N6655	TO-3	400	450	7.0	75	10		15	2.0	0.8	15	3.0	25	100	360	3-31
2N6922	TO-3	400	550	8.0	125	8		15	2.0	1.0	15	3.0	15	1000	550	3-47
2N6922A	TO-3	400	850	8.0	125	8		15	2.0	1.0	15	3.0	15	1000	850	3-47
2N6923	TO-3	450	550	8.0	125	8		15	2.0	1.0	15	3.0	15	1000	550	3-47
2N6923A	TO-3	450	850	8.0	125	8		15	2.0	1.0	15	3.0	15	1000	850	3-47
6SRU14040	TO-3	400	500	8.0	175	10		14	5.0	1.0	14	3.0	15	10	400	3-64
6SRU15030	TO-3	300	400	8.0	100	10		15	5.0	1.0	15	3.0	25	100	320	3-69
6SRU15035	TO-3	350	450	8.0	100	10		15	5.0	1.0	15	3.0	25	100	360	3-69
6SRU15040	TO-3	400	500	8.0	100	10		15	5.0	1.0	15	3.0	25	100	400	3-69
6STU15018	TO-3	180	250	7.0	80	10		15	5.0	0.8	15	3.0	25	500	200	3-83
6STU15020	TO-3	200	300	7.0	80	10		15	5.0	0.8	15	3.0	25	500	180	3-83
6STU15030	TO-3	300	400	8.0	100	10		15	5.0	1.0	15	3.0	25	100		
6STU15035	TO-3	350	450	8.0	100	10		15	5.0	1.0	15	3.0	25	100		
6STU15040	TO-3	400	500	8.0	100	10		15	5.0	1.0	15	3.0	25	100		
XGSR15030	TO-3	300	350	7.0	75	10		15	5.0	0.6	15	3.0	25	500	280	3-31
XGSR15030-I	TO-3/Iso	300	350	7.0	75	10		15	5.0	0.6	15	3.0	25	500	280	3-31
XGSR15035	TO-3	350	400	7.0	75	10		15	5.0	0.6	15	3.0	25	500	320	3-31
XGSR15035-I	TO-3/Iso	350	400	7.0	75	10		15	5.0	0.6	15	3.0	25	500	320	3-31
XGSR15040	TO-3	400	450	7.0	75	10		15	5.0	0.8	15	3.0	25	500	360	3-31
XGSR15040-I	TO-3/Iso	400	450	7.0	75	10		15	5.0	0.8	15	3.0	25	500	360	3-31

I_c = 25 AMPS

DEVICE TYPE	PACKAGE	BV _{CEO} VOLTS	BV _{CBO} / BV _{CEV} VOLTS	BV _{EBO} VOLTS	P _D @ 100°C WATTS	h _{FE} @ Min. Max.	I _C AMPS	V _{CE} VOLTS	V _{CE(sat)} VOLTS	@ I _C AMPS	I _B AMPS	f _T MHz	I _{CBO} / I _{CEV} μAMP	@ V _{CE} VOLTS	DATA SHEET PG. NO.
2N6338	TO-3	100	120	6.0	114	30 - 120	10	2.0	1.8	25	2.5	40	10	100	3-23
2N6339	TO-3	120	140	6.0	114	30 - 120	10	2.0	1.8	25	2.5	40	10	120	3-23
2N6340	TO-3	140	160	6.0	114	30 - 120	10	2.0	1.8	25	2.5	40	10	140	3-23
2N6341	TO-3	150	180	6.0	114	30 - 120	10	2.0	1.8	25	2.5	40	10	150	3-23
6SRU20030	TO-204	300	400	8.0	114	8	20	5.0	1.5	20	4.0	20	100	320	3-73
6SRU20035	TO-204	350	450	8.0	114	8	20	5.0	1.5	20	4.0	20	100	360	3-73
6SRU20040	TO-204	400	500	8.0	114	8	20	5.0	1.5	20	4.0	20	100	400	3-73

I_c = 30 AMPS

DEVICE TYPE	PACKAGE	BV _{CEO} VOLTS	BV _{CBO} / BV _{CEV} VOLTS	BV _{EBO} VOLTS	P _D @ 100°C WATTS	h _{FE} @ Min. Max.	I _C AMPS	V _{CE} VOLTS	V _{CE(sat)} VOLTS	@ I _C AMPS	I _B AMPS	f _T MHz	I _{CBO} / I _{CEV} μAMP	@ V _{CE} VOLTS	DATA SHEET PG. NO.
2N4002	TO-63	80	80	8.0	100	20 - 80	30.0	4.0	1.2	30	15	15	1.0mA	90	3-14
2N4003	TO-63	100	100	8.0	100	20 - 80	4.0	4.0	1.2	30	15	15	1.0mA	110	3-14

I_c = 35 AMPS

DEVICE TYPE	PACKAGE	BV _{CEO} VOLTS	BV _{CBO} / BV _{CEV} VOLTS	BV _{EBO} VOLTS	P _D @ 100°C WATTS	h _{FE} @ Min. Max.	I _C AMPS	V _{CE} VOLTS	V _{CE(sat)} VOLTS	@ I _C AMPS	I _B AMPS	f _T MHz	I _{CBO} / I _{CEV} μAMP	@ V _{CE} VOLTS	DATA SHEET PG. NO.
2N6924	TO-3	400	550	8.0	172	8	25	2.0	1.0	25	5.0	15	1000	550	3-53
2N6924A	TO-3	400	850	8.0	172	8	25	2.0	1.0	25	5.0	15	1000	850	3-53
2N6925	TO-3	450	550	8.0	172	8	25	2.0	1.0	25	5.0	15	1000	550	3-53
2N6925A	TO-3	450	850	8.0	172	8	25	2.0	1.0	25	5.0	15	1000	850	3-53

I_c = 40 AMPS

DEVICE TYPE	PACKAGE	BV _{CEO} VOLTS	BV _{CBO} / BV _{CEV} VOLTS	BV _{EBO} VOLTS	P _D @ 100°C WATTS	h _{FE} @ Min. Max.	I _C AMPS	V _{CE} VOLTS	V _{CE(sat)} VOLTS	@ I _C AMPS	I _B AMPS	f _T MHz	I _{CBO} / I _{CEV} μAMP	@ V _{CE} VOLTS	DATA SHEET PG. NO.
6STU30018	TO-3	180	250	7.0	100	10	30	5.0	1.0	30	6.0	25	500	144	3-85
6STU30020	TO-3	200	300	7.0	100	10	30	5.0	1.0	30	6.0	25	500	160	3-85

I_c = 50 AMPS

DEVICE TYPE	PACKAGE	BV _{CEO} VOLTS	BV _{CBO} / BV _{CEV} VOLTS	BV _{EBO} VOLTS	P _D @ 100°C WATTS	h _{FE} @ Min. Max.	I _C AMPS	V _{CE} VOLTS	V _{CE(sat)} VOLTS	@ I _C AMPS	I _B AMPS	f _T MHz	I _{CBO} / I _{CEV} μAMP	@ V _{CE} VOLTS	DATA SHEET PG. NO.
2N6274	TO-3 (Mod)	100	120	6.0	143	30 - 120	20	4.0	1.0	20	2.0	30	10	120	3-22
2N6277	TO-3 (Mod)	150	180	6.0	143	30 - 120	20	4.0	1.0	20	2.0	30	10	180	3-22
6SDS50018	TO-3 (Mod)	180	180	7.0	100	8	50	4.0	1.0	50	10.0	30	10	200	3-57
6SDS50020	TO-3 (Mod)	200	200	7.0	100	8	50	4.0	1.0	50	10.0	30	10	200	3-57