

TRANSISTOR NUMBER	P O A L T	M O A L T	PACK- AGE	LEAD INFO	V _{CE} MAX	V _{CE} MAX	V _{ED} MAX	I _C MAX	T _J MAX	P TOT	F _T MIN	C _{OB} MAX	H _{FE}	H _{FE} BIAS	USE	MFR	ALTERNATIVES AND NOTES
2SB439	P	G	TO1	L02	30V	-	12V	150mA	75C	150mWF	800K	50P	70/270	1mA	ALN	TOS	AC107N
2SB440	P	G	TO1	L02	30V	-	12V	150mA	75C	150mWF	800K	50P	70/270	1mA	ALN	TOS	AC107N
2SB441	P	G	TO3	L05	160V	-	1V	6A	100C	40WC	-	-	25mn	200mA	AHH	OBS	AL103 2N1906
2SB442	P	G	TO3	L05	160V	-	1V	6A	100C	40WC	-	-	25mn	4A	AHH	OBS	AL103 2N1906
2SB443A	P	G	TO1	L02	18V	12V	12V	10mA	85C	100mWF	1M	-	110tp	1mA	ALN	HIT	AC107N
2SB443B	P	G	TO1	L02	18V	12V	12V	10mA	85C	100mWF	1500K	-	190tp	1mA	ALN	HIT	AC107N
2SB444	P	G	TO1	L02	18V	18V	12V	10mA	85C	100mWF	3M	-	150tp	1mA	ALG	HIT	-
2SB444A	P	G	TO1	L02	18V	12V	12V	10mA	85C	100mWF	1M	-	120tp	1mA	ALN	HIT	AC107N
2SB444B	P	G	TO1	L02	18V	12V	12V	10mA	85C	100mWF	1M	-	200tp	1mA	ALN	OBS	AC107N
2SB445	P	G	X03	L05	40V	32V	1V	1500mA	85C	10WC	750K	-	40/200	1A	AHG	FUJ	AD162 2N2835
2SB446	P	G	X03	L05	60V	40V	1V	1500mA	85C	10WC	750K	-	40/200	1A	AHG	FUJ	AD162 2N2835
2SB447	P	G	TO3	L05	220V	-	3V	6A	85C	45WC	700K	-	15/50	6A	RHH	FUJ	AU106
2SB448	P	G	X03	L05	32V	-	10V	1A	85C	13WC	300K	-	30/110	1A	AHG	MAT	AD162 2N2835
2SB449	P	G	TO3	L05	50V	32V	20V	3500mA	100C	22WC	200K	-	20/85	3A	AHG	MAT	ASZ16 2N1536
2SB450	P	G	TO1	L02	25V	25V	-	500mA	75C	200mWF	-	-	120tp	150mA	AMG	OBS	AC128 2N2706
2SB450A	P	G	TO1	L02	32V	32V	-	500mA	75C	200mWF	-	-	120tp	150mA	AMG	OBS	AC128 2N2706
2SB451	P	G	TO5	L04	25V	18V	6V	1A	85C	300mWF	400K	-	80tp	150mA	AMG	OBS	ACY17 2N1176
2SB452	P	G	TO5	L04	25V	25V	6V	1A	85C	300mWF	400K	-	150tp	150mA	AMG	OBS	ACY17 2N1176
2SB452A	P	G	TO5	L04	32V	25V	6V	1A	85C	300mWF	400K	-	150tp	150mA	AMG	OBS	ACY17 2N1176
2SB453	P	G	TO5	L04	25V	25V	6V	1A	85C	250mWF	700K	-	120tp	100mA	AMG	OBS	ACY17 2N1176
2SB454	P	G	TO5	L04	25V	25V	6V	1A	85C	250mWF	700K	-	120tp	100mA	AMG	OBS	ACY17 2N1176
2SB455	P	G	TO5	L04	25V	25V	6V	1A	85C	250mWF	700K	-	120tp	100mA	AMG	OBS	ACY17 2N1176
2SB456	P	G	TO8	L12	80V	60V	30V	1A	85C	13WC	-	-	40mn	300mA	AMP	OBS	AD136 2N6066
2SB457	P	G	TO1	L02	20V	15V	2V	500mA	85C	150mWF	300K	-	110tp	150mA	AMG	MIT	AC128 2N2706
2SB457A	P	G	TO1	L02	32V	24V	2V	500mA	85C	150mWF	300K	-	110tp	150mA	AMG	MIT	AC128 2N2706
2SB458	P	G	X03	L05	25V	18V	12V	1A	85C	800mWF	-	-	28/210	500mA	AHG	OBS	AD162 2N2835
2SB458A	P	G	X03	L05	45V	32V	12V	1A	85C	800mWF	-	-	28/210	500mA	AHG	OBS	AD162 2N2835
2SB458B	P	G	X03	L05	100V	60V	12V	1A	85C	800mWF	-	-	28/210	500mA	AHG	OBS	AD162 2N2835
2SB459	P	G	TO1	L02	30V	18V	2V	50mA	85C	120mWF	-	-	180tp	1mA	ALG	HIT	AC125 2N406
2SB460	P	G	TO1	L02	40V	25V	2V	50mA	85C	120mWF	-	-	180tp	1mA	ALG	HIT	AC125 2N406
2SB461	P	G	TO5	L04	35V	24V	12V	400mA	75C	300mWF	500K	-	80tp	400mA	AMG	TOS	ACY17 2N1176
2SB462	P	G	TO66	L43	60V	60V	12V	2A	85C	6WC	-	-	40mn	500mA	AHP	TOS	2N5900
2SB463	P	G	TO66	L43	32V	-	12V	2A	85C	6WC	400K	-	30/250	500mA	AHG	TOS	AD162 2N2835
2SB463 B	P	G	TO66	L43	32V	-	12V	2A	85C	6WC	400K	-	85/250	500mA	AHG	TOS	AD162 2N2835
2SB463-R	P	G	TO66	L43	32V	-	12V	2A	85C	6WC	400K	-	30/60	500mA	AHG	TOS	AD162 2N2835
2SB463-Y	P	G	TO66	L43	32V	-	12V	2A	85C	6WC	400K	-	50/100	500mA	AHG	TOS	AD162 2N2835
2SB464	P	G	TO3	L05	100V	60V	1V	6A	85C	30WC	700K	-	30/170	1A	RHG	OBS	AL103 2N2147
2SB465	P	G	TO3	L05	60V	40V	1V	6A	85C	30WC	700K	-	30/170	1A	RHG	OBS	AL103 2N2147
2SB466	P	G	X03	L05	40V	30V	12V	500mA	85C	12WC	150K	-	25/150	500mA	AHG	FUJ	AD162 2N2835
2SB467	P	G	X03	L05	60V	40V	12V	500mA	85C	12WC	150K	-	25/150	500mA	AHG	FUJ	AD162 2N2835
2SB468	P	G	TO3	L05	200V	90V	1V	10A	85C	32WC	-	-	14/130	4A	RHH	HIT	AU106
2SB468A	P	G	TO3	L05	270V	90V	1V	10A	85C	32WC	-	-	14/130	4A	RHH	HIT	AU106
2SB470	P	G	TO1	L02	25V	18V	2V	50mA	85C	80mWF	-	-	160tp	1mA	ALG	FUJ	AC125 2N406
2SB471	P	G	TO3	L05	60V	45V	10V	10A	85C	40WC	120K	-	50/165	1A	AHG	HIT	ASZ16 2N1536
2SB471A	P	G	TO3	L05	60V	45V	10V	10A	85C	40WC	120K	-	50tp	1A	AHG	OBS	ASZ16 2N1536
2SB471B	P	G	TO3	L05	60V	45V	10V	10A	85C	40WC	120K	-	80tp	1A	AHG	OBS	ASZ16 2N1536
2SB472	P	G	TO3	L05	60V	45V	10V	10A	85C	40WC	120K	-	50/165	1A	AHG	HIT	ASZ16 2N1536
2SB472A	P	G	TO3	L05	80V	50V	10V	10A	85C	40WC	120K	-	50tp	1A	AHH	OBS	ASZ15 2N1533
2SB472B	P	G	TO3	L05	80V	50V	10V	10A	85C	40WC	120K	-	80tp	1A	AHH	OBS	ASZ15 2N1533
2SB473	P	G	X03	L05	32V	-	6V	1A	85C	4WH	-	-	40/180	500mA	AHG	MAT	AD162 2N2835
2SB474	P	G	TO3	L05	35V	35V	6V	2A	85C	12WC	250K	-	50/275	200mA	AHG	SAN	ASZ16 2N1536
2SB474S	P	G	TO3	L05	60V	30V	12V	2A	85C	12WC	-	-	50/140	200mA	AHG	SAN	-
2SB475	P	G	TO1	L02	20V	10V	6V	300mA	75C	150mWF	200K	-	75tp	50mA	AMG	MAT	AC128 2N2706
2SB476	P	G	TO39	L04	20V	10V	6V	2A	85C	250mWF	600K	-	75tp	2A	AHG	MAT	ACY17 2N1176
2SB476S	P	G	TO39	L04	20V	10V	10V	2A	85C	250mWF	500K	-	80mn	2A	AHG	OBS	2N2667
2SB476W	P	G	TO39	L04	20V	10V	10V	2A	85C	250mWF	500K	-	100mn	2A	AHG	MAT	2N2667
2SB477	P	G	TO36	L13	30V	15V	15V	30A	85C	80WC	-	-	20/130	15A	AHG	OBS	ADZ12 2N1100
2SB478	P	G	TO36	L13	60V	30V	30V	30A	85C	80WC	-	-	20/130	15A	AHG	OBS	ADZ12 2N1100
2SB479	P	G	TO36	L13	80V	40V	40V	30A	85C	80WC	-	-	20/130	15A	AHG	OBS	ADZ12 2N1100
2SB480	P	G	TO36	L13	100V	80V	80V	30A	85C	80WC	-	-	20/130	15A	AHG	OBS	ADZ12 2N1100
2SB481	P	G	X03	L05	32V	-	10V	1A	85C	6WC	200K	-	30/110	1A	AHG	MAT	AD162 2N2835
2SB482	P	G	TO1	L02	25V	20V	12V	50mA	85C	120mWF	3M	12P	200tp	1mA	RLG	TOS	OC44N 2N2614
2SB483	P	G	TO3	L05	80V	45V	40V	15A	85C	60WC	-	-	50mn	10A	AHP	SHI	2N5155
2SB484	P	G	TO3	L05	100V	75V	40V	15A	85C	60WC	-	-	50mn	10A	AHH	SHI	2N5155
2SB485	P	G	TO3	L05	140V	85V	40V	15A	85C	60WC	-	-	50mn	10A	AHE	SHI	2N5155
2SB486	P	G	TO1	L02	25V	20V	12V	50mA	85C	120mWF	3M	12P	200tp	1mA	RLG	TOS	OC44N 2N2614
2SB487	P	G	OBS	OBS	30V	20V	2V	500mA	85C	5WC	500K	-	30/150	300mA	AHG	FUJ	AD162 2N2835
2SB488	P	G	OBS	OBS	60V	30V	12V	500mA	85C	5WC	500K	-	30/150	300mA	AHG	FUJ	AD162 2N2835
2SB491	P	G	TO3	L05	250V	-	5V	11A	85C	40WC	500K	-	15mn	8A	AHE	-	-
2SB492	P	G	TO39	L04	25V	25V	6V	2A	85C	6WC	350K	-	110tp	200mA	AMG	SAN	ACY17 2N1176
2SB492ST	P	G	TO39	L04	50V	35V	12V	3A	85C	6WC	750K	-	130tp	3A	AHG	SAN	ACY17 2N1188
2SB493	P	G	TO8	L12	40V	20V	10V	5A	85C	9WC	300K	-	40mn	3A	AHG	MAT	AD136 2N1184B
2SB493W	P	G	TO8	L12	40V	20V	10V	5A	85C	9WC	-	-	60mn	3A	AHG	OBS	AD136
2SB494	P	G	TO1	L02	25V	18V	6V	1A	85C	200mWF	400K	-	38mn	150mA	AMG	MIT	AC128 2N2706
2SB495	P	G	TO1	L02	25V	18V	6V	1A	85C	200mWF	400K	-	110tp	150mA	AMG	MIT	AC128 2N2706