

TRANSISTOR NUMBER	P M O A L T	PACK-AGE	LEAD INFO	V _{CB} MAX	V _{CE} MAX	V _{EB} 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
2SC1637	N S	X20	L42	50V	25V	25V	20mA	120C	250mWF	10M	7P0	66/525	1mA	ALN	SOY	BC182L 2N3859A
2SC1638	N S	TO12	L09	40V	20V	3V	300mA	175C	600mWF	1400Mtp	3P0	100tp	20mA	UMA	FUJ	-
2SC1639	N S	TO92	L21	25V	-	5V	30mA	125C	250mWF	100M	3P5	270tp	500uA	ALG	-	-
2SC1640	N S	TO92	L21	25V	-	5V	30mA	125C	250mWF	100M	3P0	560tp	500uA	ALN	-	-
2SC1641	N S	TO92	L21	40V	-	5V	150mA	125C	300mWF	125M	4P5	390tp	10mA	ALG	-	-
2SC1642	N S	TO92	L21	25V	-	5V	150mA	125C	300mWF	125M	4P5	390tp	10mA	ALG	-	-
2SC1643	N S	TO92	L21	40V	-	5V	30mA	125C	250mWF	125M	4P5	220tp	10mA	RLS	-	-
2SC1644	N S	TO92	L21	25V	-	5V	30mA	125C	250mWF	125M	4P5	220tp	10mA	RLS	-	-
2SC1645	N S	TO92	L21	40V	-	6V	300mA	125C	300mWF	125M	3P0	1Ktp	100mA	AMD	-	-
2SC1646	N S	TO92	L21	25V	-	6V	300mA	125C	300mWF	125M	3P0	1Ktp	100mA	AMD	-	-
2SC1647	N S	TO92	L21	50V	-	5V	30mA	125C	250mWF	100M	3P5	270tp	500uA	ALG	-	-
2SC1648	N S	TO92	L21	50V	-	5V	30mA	125C	250mWF	1M	3P0	560tp	500uA	ALN	-	-
2SC1649	N S	TO92	L21	130V	-	5V	30mA	125C	250mWF	30M	6P0	56/270	5mA	TVM	-	-
2SC1650	N S	TO92	L21	180V	-	5V	30mA	125C	250mWF	30M	6P0	56/270	5mA	TVM	-	-
2SC1651	N S	TO92	L21	210V	-	5V	30mA	125C	250mWF	30M	6P0	56/270	5mA	TVH	-	-
2SC1652	N S	TO92	L21	40V	-	5V	500mA	125C	300mWF	125M	6P2	82/390	100mA	AMG	-	-
2SC1653	N S	X12	L29	150V	130V	-	50mA	175C	150mWF	75M	9P0	50/330	15mA	ALE	NEC	-
2SC1654	N S	X12	L29	180V	160V	-	50mA	175C	150mWF	75M	9P0	50/330	15mA	ALE	NEC	-
2SC1655	N S	X39	L75	16V	8V	3V	30mA	175C	150mWF	8Gtp	0P5	50/300	10mA	ULA	NEC	-
2SC1656	N S	X62B	X62	16V	6V	3V	30mA	175C	250mWF	7G	0P7	100tp	10mA	SLA	NEC	-
2SC1657	N S	SPEC	-	16V	8V	3V	30mA	175C	300mWF	-	-	-	-	DUA	NEC	40% DVBE
2SC1658	N S	SPEC	-	10V	6V	3V	30mA	175C	300mWF	-	-	-	-	DUA	NEC	40% DVBE
2SC1659	N S	X80C	L75	20V	10V	3V	80mA	200C	500mWF	7Gtp	1P0	30/300	30mA	ULA	NEC	-
2SC1660	N S	X61C	X61	20V	8V	3V	80mA	175C	350mWF	6G	1P2	100tp	30mA	SLA	NEC	BFR49
2SC1661	N S	SPEC	-	20V	10V	3V	80mA	200C	600mWF	7Gtp	1P0	30/300	-	DUA	NEC	40% DVBE
2SC1662	N S	SPEC	-	20V	8V	3V	80mA	200C	400mWF	7Gtp	1P0	30/300	-	DUA	NEC	40% DVBE
2SC1663	N S	X17	L35	140V	140V	8V	500mA	120C	950mWF	25M	30P	60/350	100mA	AME	SOY	2N6593
2SC1664	N S	TO66	L43	70V	60V	6V	6A	150C	40WC	-	-	500mn	1A	AHG	SAK	-
2SC1664A	N S	TO66	L43	100V	80V	6V	6A	150C	40WC	-	-	500mn	1A	AHG	SAK	-
2SC1665	N S	TO12	L09	25V	-	3V	20mA	175C	200mWF	700M	0P5	120tp	5mA	ULA	NEC	-
2SC1666	N S	TO12	L09	40V	-	3V	300mA	175C	600mWF	350M	2P0	80tp	55mA	VMG	NEC	-
2SC1667	N S	TO3	L05	80V	3V	4A	150C	80WC	5M	-	-	40/200	1A	RHG	MAT	BDX95
2SC1668	N S	X58E	X55	35V	18V	3V	6A	175C	40WC	-	-	10mn	1A	VHP	TOS	-
2SC1669	N S	TO220	L32	150V	150V	5V	1500mA	150C	25WC	3M	80P	40/240	500mA	AHE	TOS	BU409
2SC1670	N S	TO92	L21	140V	140V	8V	500mA	120C	750mWF	22M	30P	50/350	100mA	RMH	SOY	BFT57
2SC1672	N S	TO3	L05	150V	-	-	25A	175C	120WC	-	-	21mn	13A	RHH	NEC	BDY37
2SC1673	N S	X56D	L75	35V	20V	3V	300mA	200C	7WC	2500Mtp	3P5	20/200	100mA	UMG	NEC	-
2SC1674	N S	TO92	L21	30V	20V	-	20mA	125C	250mWF	300M	2P0	40/180	1mA	FVG	NEC	BF369
2SC1674K	N S	TO92	L21	30V	20V	4V	20mA	125C	250mWF	300M	2P0	90mn	1mA	FVG	NEC	BF368
2SC1674L	N S	TO92	L21	30V	20V	4V	20mA	125C	250mWF	300M	2P0	90mn	1mA	FVG	NEC	BF368
2SC1674M	N S	TO92	L21	30V	20V	4V	20mA	125C	250mWF	300M	2P0	90mn	1mA	FVG	NEC	BF368
2SC1675	N S	TO92	L21	50V	30V	-	30mA	125C	250mWF	125M	3P8	40/180	1mA	FVG	NEC	BF368
2SC1675K	N S	TO92	L21	50V	30V	5V	30mA	125C	250mWF	125M	3P8	90mn	1mA	RLA	NEC	BF368
2SC1675L	N S	TO92	L21	50V	30V	5V	30mA	125C	250mWF	125M	3P8	60mn	1mA	RLA	NEC	BF368
2SC1675M	N S	TO92	L21	50V	30V	5V	30mA	125C	250mWF	125M	3P8	40mn	1mA	RLA	NEC	BF368
2SC1676	N S	X55E	X55	50V	25V	4V	3A	175C	30WC	100M	-	10mn	1A	UHP	TOS	-
2SC1677	N S	X55E	X55	50V	25V	4V	5A	175C	45WC	200M	-	10mn	1A	UHP	TOS	-
2SC1678	N S	TO220	L32	65V	-	4V	1500mA	150C	-	120M	45P	15mn	500mA	RMP	TOS	-
2SC1679	N S	TO220	L32	65V	65V	4V	3A	175C	10WC	100M	-	15mn	500mA	RMP	TOS	-
2SC1680	N S	X55E	X55	35V	18V	3V	2A	175C	15WC	200M	-	10mn	1A	VHP	TOS	-
2SC1681	N S	TO9	L21	60V	60V	5V	50mA	125C	200mWF	65M	5P0	200mn	2mA	ALN	TOS	BC184L
2SC1682	N S	TO9	L21	40V	40V	5V	50mA	125C	200mWF	65M	5P0	200mn	2mA	ALN	TOS	BC184L
2SC1683	N S	TO220	L32	200V	150V	5V	500mA	150C	20WC	75M	-	60/200	400mA	RME	MAT	BD410
2SC1684	N S	TO92	L15	30V	25V	5V	100mA	135C	250mWF	75M	7P0	650mx	2mA	ALG	MAT	BC238
2SC1685	N S	TO92	L15	60V	50V	5V	100mA	135C	250mWF	75M	7P0	650mx	2mA	ALG	MAT	BC238
2SC1686	N S	TO92	L53	40V	30V	4V	25mA	135C	250mWF	275M	0R6	26mn	4mA	TIA	MAT	BF199
2SC1687	N S	TO92	L53	40V	25V	4V	30mA	135C	400mWF	410M	0P5	38mn	7mA	TIA	MAT	BF375
2SC1688	N S	TO92	L53	40V	25V	4V	30mA	135C	400mWF	410M	0P5	38mn	7mA	TIA	MAT	BF375
2SC1689	N S	X54	X54	55V	35V	4V	3A	175C	45WC	200M	-	10/180	100mA	VHP	MIT	BLX95
2SC1698	N S	TO3	L05	210V	140V	6V	10A	200C	125WC	-	-	1Kmn	8A	AHD	ORI	-
2SC1703	N S	TO3	L05	600V	400V	6V	15A	200C	150WC	-	-	100mn	12A	AHH	ORI	-
2SC1706	N S	TO18	L01	200V	150V	5V	50mA	175C	200mWF	30M	10P	30/300	10mA	TVH	HIT	-
2SC1706H	N S	TO18	L01	200V	150V	5V	50mA	200C	200mWF	30M	10P	30mn	10mA	ALE	HIT	BC394
2SC1707H	N S	TO18	L01	40V	30V	5V	100mA	200C	200mWF	100M	3P5	100mn	10mA	RLS	HIT	BSW64
2SC1708	N S	TO92	L40	90V	90V	5V	50mA	125C	200mWF	75M	4P0	500tp	1mA	ALH	MIT	BF297
2SC1708A	N S	TO92	L40	120V	120V	5V	50mA	125C	200mWF	150Mtp	1P8	250/800	1mA	ALN	MIT	-
2SC1709	N S	X10	L20	30V	20V	5V	300mA	150C	300mWF	-	-	60tp	10mA	AMS	FUJ	-
2SC1710	N S	X55C	X55	15V	10V	3V	130mA	175C	1WF	3500M	0P8	80tp	60mA	SLG	FUJ	-
2SC1711	N S	X61B	X61	20V	13V	3V	30mA	175C	200mWF	3750M	0P5	80tp	10mA	SLA	FUJ	-
2SC1711A	N S	X61B	X61	20V	13V	3V	30mA	175C	200mWF	3750M	0P5	80tp	10mA	SLA	FUJ	-
2SC1712	N S	X61B	X61	16V	8V	3V	30mA	175C	200mWF	4G	0P6	80tp	10mA	SLA	FUJ	-
2SC1713	N S	X99	L99	16V	8V	3V	30mA	175C	200mWF	4G	0P6	80tp	10mA	SLA	FUJ	-
2SC1714	N S	X99	L99	16V	8V	3V	30mA	175C	200mWF	4G	0P6	80tp	10mA	SLA	FUJ	-
2SC1715	N S	X99	L99	16V	8V	3V	30mA	175C	200mWF	4G	0P6	80tp	10mA	SLA	FUJ	-
2SC1716	N S	X99	L99	16V	8V	3V	30mA	175C	200mWF	4G	0P6	80tp	10mA	SLA	FUJ	-