

TRANSISTOR NUMBER	P O A L T	M O A L T	PACKAGE	LEAD INFO	V _{CE} MAX	V _{CE} MAX	V _{ESD} MAX	I _C MAX	T _J MAX	P TOT	F _r MIN	C _{OS} MAX	H _{FE}	H _{FE} BIAS	USE	MFR	ALTERNATIVES AND NOTES
2SA817	P	S	TO98	L21	80V	80V	5V	300mA	150C	625mWF	40M	24P	200mn	50mA	ALA	TOS	BC345 2N4033
2SA817A	P	S	TO92	L14	80V	80V	5V	400mA	150C	800mWF	100Mtp	14P	70/240	50mA	ALA	TOS	-
2SA817A-O	P	S	TO92	L14	80V	80V	5V	400mA	150C	800mWF	100Mtp	14P	70/140	50mA	ALA	TOS	-
2SA817A-Y	P	S	TO92	L14	80V	80V	5V	400mA	150C	800mWF	100Mtp	14P	120/240	50mA	ALA	TOS	-
2SA818	P	S	X17	L35	180V	150V	5V	50mA	150C	1WF	40M	5P0	70/240	10mA	ALE	TOS	-
2SA820	P	S	TO92	L21	180V	-	5V	30mA	125C	250mWF	100M	8P0	56/270	5mA	TVM	OBS	-
2SA821	P	S	TO92	L21	210V	-	5V	30mA	125C	250mWF	100M	8P0	56/270	5mA	TVM	OBS	-
2SA822	P	S	TO92	L21	80V	-	5V	30mA	125C	250mWF	100M	3P0	120tp	1mA	ALG	OBS	-
2SA823	P	S	TO92	L21	50V	-	5V	30mA	125C	250mWF	100M	3P0	180tp	1mA	ALG	OBS	-
2SA824	P	S	TO92	L21	30V	-	5V	30mA	125C	250mWF	100M	3P0	220tp	1mA	ALG	OBS	-
2SA825	P	S	TO92	L21	80V	-	5V	50mA	125C	250mWF	90M	6P0	82/390	10mA	ALG	OBS	-
2SA826	P	S	TO92	L21	50V	-	5V	50mA	125C	250mWF	90M	6P5	82/390	10mA	ALG	OBS	-
2SA827	P	S	TO92	L21	25V	-	5V	50mA	125C	250mWF	90M	6P5	150tp	10mA	ALG	OBS	-
2SA828	P	S	TO92	L21	50V	-	5V	30mA	125C	250mWF	90M	6P5	180tp	10mA	ALN	OBS	-
2SA829	P	S	TO92	L21	25V	-	5V	30mA	125C	250mWF	90M	6P5	220tp	10mA	ALN	OBS	-
2SA830	P	S	TO92	L21	40V	-	6V	300mA	125C	300mWF	100M	3P0	1Kmn	100mA	AMD	OBS	-
2SA831	P	S	TO92	L21	25V	-	6V	300mA	125C	300mWF	100M	3P0	1Kmn	100mA	AMD	OBS	-
2SA832	P	S	TO92	L21	130V	-	5V	30mA	125C	250mWF	25M	8P0	56/270	5mA	ALH	OBS	-
2SA833	P	S	TO92	L21	130V	-	5V	30mA	125C	250mWF	100M	3P0	150tp	1mA	ALH	OBS	-
2SA834	P	S	TO92	L21	130V	-	5V	54mA	125C	250mWF	90M	6P5	120tp	10mA	ALH	OBS	-
2SA835	P	S	X17	L35	140V	140V	8V	500mA	120C	790mWC	22M	60P	60/350	100mA	AME	SOY	-
2SA836	P	S	X19	L45	-	55V	-	100mA	-	200mWF	100M	3P6	160mn	2mA	RLG	HIT	BSW24 2N2907A
2SA837	P	S	TO3	L05	80V	80V	5V	4A	125C	50WC	5M	-	40/200	1A	AHH	MAT	BDX94 2N5872
2SA838	P	S	TO92	L21	30V	20V	5V	30mA	125C	250mWF	150M	2P4	100tp	1mA	RLA	MAT	BC308 2N6015
2SA839	P	S	TO220	L32	180V	150V	5V	150mA	150C	25WC	3M	200P	40/140	500mA	AME	TOS	BDX16 2N6214
2SA840	P	S	TO92	L21	140V	140V	8V	500mA	120C	750mWF	22M	-	50/350	100mA	AME	SOY	BF435
2SA841	P	S	TO98	L21	60V	60V	5V	50mA	125C	200mWF	70M	9P0	200mn	2mA	ALN	TOS	BC214LC 2N4062
2SA842	P	S	TO98	L21	40V	40V	5V	50mA	125C	200mWF	70M	9P0	200mn	2mA	ALN	TOS	BC214LC 2N4062
2SA843	P	S	TO220	L32	200V	150V	5V	500mA	150C	20WC	-	-	60/200	400mA	AME	MAT	BDX16 2N6214
2SA844	P	S	X19	L45	55V	55V	5V	100mA	125C	300mWF	100M	3P6	160mn	2mA	ALH	HIT	BSW24 2N2907A
2SA844C	P	S	X19	L45	55V	55V	5V	100mA	125C	300mWF	100M	3P6	320mx	2mA	ALH	HIT	BSW24 2N2907A
2SA844D	P	S	X19	L45	55V	55V	5V	100mA	125C	300mWF	100M	3P6	500mx	2mA	ALH	HIT	BSW24 2N2907A
2SA844E	P	S	X19	L45	55V	55V	5V	100mA	125C	300mWF	100M	3P6	800mx	2mA	ALH	HIT	BSW24 2N2907A
2SA844F	P	S	X19	L45	55V	55V	5V	100mA	125C	300mWF	100M	3P6	1K2mx	2mA	ALH	HIT	BSW24 2N2907A
2SA845H	P	S	TO18	L02	150V	-	5V	50mA	180C	200mWF	20M	10P	30/300	15mA	RLH	HIT	BFV43 2N3930
2SA845AH	P	S	TO18	L01	180V	-	5V	50mA	180C	200mWF	20M	10P	40/200	15mA	RLS	HIT	BFX90 2N3930
2SA847	P	S	TO92	L87	90V	90V	5V	50mA	125C	200mWF	75M	5P0	500tp	1mA	ALE	MIT	BF435
2SA847A	P	S	TO92	L87	120V	120V	5V	50mA	125C	200mWF	150Mtp	2P5	250/800	1mA	ALN	MIT	-
2SA848	P	S	TO1	L02	150V	120V	5V	50mA	175C	1WF	50M	-	150mn	10mA	TVM	FUJ	BFT19 2N5416
2SA849	P	S	TO1	L02	150V	150V	5V	50mA	175C	1WF	50M	-	150mn	10mA	TVM	FUJ	BFT19 2N5416
2SA850	P	S	TO92H	L72	100V	100V	5V	500mA	135C	800mWF	135M	15P	130tp	150mA	AME	MIT	-
2SA851	P	S	TO92	L72	50V	50V	6V	100mA	175C	500mWF	50M	6P0	500tp	2mA	ALG	MIT	BC212L 2N5367
2SA852	P	S	TO92	L72	35V	35V	6V	100mA	175C	500mWF	50M	6P0	500tp	2mA	ALG	MIT	BC212L 2N5367
2SA853	P	S	TO92	L72	35V	35V	6V	100mA	175C	500mWF	50M	6P0	500tp	2mA	ALG	MIT	BC212L 2N5367
2SA854	P	S	TO92	L21	40V	-	5V	50mA	125C	400mWF	100M	7P5	82/390	100mA	AMG	OBS	-
2SA855	P	S	TO18	L01	60V	-	5V	50mA	150C	150mWF	70M	4P5	454tp	1mA	ALN	OBS	-
2SA856	P	S	TO18	L01	50V	-	5V	50mA	150C	150mWF	70M	4P5	450tp	1mA	ALN	OBS	-
2SA857	P	S	TO92	L21	150V	150V	5V	50mA	175C	500mWF	50M	6P0	150tp	10mA	ALE	FUJ	BF423
2SA858	P	S	TO92	L21	150V	120V	5V	50mA	175C	500mWF	50M	6P0	150tp	10mA	ALE	FUJ	BF423
2SA859	P	S	TO92	L14	300V	300V	5V	500mA	150C	625mWF	50M	6P0	25mn	30mA	ALE	MOT	MPSA92
2SA860	P	S	TO92	L14	200V	200V	5V	500mA	150C	625mWF	50M	8P0	30/150	30mA	ALE	MOT	MPSA93
2SA861	P	S	X17	L32	20V	16V	6V	2A	120C	950mWF	40M	50P	199mn	100mA	AHG	SOY	-
2SA866	P	S	TO92	L14	30V	-	5V	100mA	125C	300mWF	75M	4P0	250tp	1mA	ALG	OBS	-
2SA867	P	S	TO92	L14	60V	-	5V	100mA	125C	300mWF	75M	4P0	250tp	1A	ALG	OBS	-
2SA868	P	S	TO92	L14	90V	-	5V	100mA	125C	300mWF	75M	4P0	250tp	1mA	ALH	OBS	-
2SA869	P	S	TO92	L14	30V	-	5V	400mA	125C	500mWF	75M	8P0	200tp	100mA	AMG	OBS	-
2SA870	P	S	TO92	L14	60V	-	5V	400mA	125C	500mWF	75M	8P0	200tp	100mA	AMG	OBS	-
2SA871	P	S	TO92	L14	30V	-	5V	50mA	125C	200mWF	60M	4P5	250tp	1mA	ALN	OBS	-
2SA872	P	S	TO92	L14	90V	90V	5V	50mA	125C	300mWF	60M	3P6	250mn	2mA	ALH	HIT	BCX30 2N5401
2SA872A	P	S	TO92	L21	120V	120V	5V	50mA	125C	300mWF	60M	3P6	250mn	2mA	TVM	HIT	BF435
2SA872C	P	S	TO92	L14	90V	90V	5V	50mA	125C	300mWF	60M	3P6	320mx	2mA	ALH	HIT	2N5401
2SA872D	P	S	TO92	L14	90V	90V	5V	50mA	125C	300mWF	60M	3P6	500mx	2mA	ALH	HIT	BCX30 2N5401
2SA872E	P	S	TO92	L14	90V	90V	5V	50mA	125C	300mWF	60M	3P6	800mx	2mA	ALH	HIT	BCX30 2N5401
2SA872F	P	S	TO92	L14	90V	90V	5V	50mA	125C	300mWF	60M	3P6	1K2mx	2mA	ALH	HIT	BCX30 2N5401
2SA873	P	S	X10	L74	60V	40V	6V	200mA	150C	300mWF	110M	5P0	140tp	10mA	ALG	FUJ	-
2SA874	P	S	X19	L78	40V	-	5V	500mA	125C	300mWF	100M	7P5	82/390	100mA	AMG	OBS	-
2SA876	P	S	TO18	L01	70V	50V	5V	500mA	175C	350mWF	100M	20P	80/240	10mA	AMG	HIT	-
2SA876H	P	S	TO18	L01	70V	50V	5V	200mA	175C	350mWF	100M	20P	80/240	10mA	AMH	HIT	BFT71 2N3486A
2SA876HA	P	S	TO18	L01	70V	50V	5V	500mA	180C	350mWF	100M	20P	130tp	10mA	AMH	HIT	BFT71 2N3486A
2SA876HB	P	S	TO18	L01	70V	50V	5V	500mA	180C	350mWF	100M	20P	170tp	10mA	AMH	HIT	BFT71 2N3486A
2SA876HC	P	S	TO18	L01	70V	50V	5V	500mA	180C	350mWF	100M	20P	240tp	10mA	AMH	HIT	BSW24 2N2907A
2SA877	P	S	TO3	L05	80V	-	6V	10A	150C	100WC	8M	255P	60tp	3A	AHG	SAK	-
2SA878	P	S	TO3	L05	120V	-	6V	10A	150C	100WC	8M	255P	60tp	3A	AHH	SAK	-
2SA879	P	S	TO126	L31	250V	200V	5V	70mA	125C	600mWF	40M	10P	30mn	5mA	ALE	MAT	-
2SA880	P	S	X21	L78	35V	35V	5V	50mA	125C	150mWF	-	-	1Kmx	2mA	ALG	MAT	BC212L 2N4061