

TYPE NO	CONSTRUCTION	PACKAGE & PINOUT	V <sub>DS</sub>			I <sub>D</sub>	T <sub>J</sub>	P <sub>TOT</sub>	V <sub>GS(OFF)</sub> or V <sub>GS(TH)</sub>	I <sub>DSS</sub> or I <sub>D(ON)</sub>	G <sub>FS</sub>	R <sub>DS(ON)</sub>	C <sub>ISS</sub>	C <sub>RSS</sub>	USE	MNF	SUBSTITUTE
			MAX	MAX	MAX							MAX	MAX	MAX			
TPU304R	PJD	T092 D	30V	90mA	-	-	-	5/10V	30/90mA	-	85R	27P	7P0	RLS	SPG	-	
TPU305	PJD	T092 C	30V	90mA	-	-	-	3/6V	15/60mA	-	110R	27P	7P0	RLS	SPG	-	
TPU305R	PJD	T092 D	30V	90mA	-	-	-	3/6V	15/60mA	-	110R	27P	7P0	RLS	SPG	-	
TPU306	PJD	T092 C	30V	90mA	-	-	-	1/4V	5/25mA	-	175R	27P	7P0	RLS	SPG	-	
TPU306R	PJD	T092 D	30V	90mA	-	-	-	1/4V	5/25mA	-	175R	27P	7P0	RLS	SPG	-	
TPU308	NJD	T092 C	25V	60mA	-	-	-	1/6V	12/60mA	-	-	7P5	3P5	TUG	SPG	-	
TPU308R	NJD	T092 C	25V	60mA	-	-	-	1/6V	12/60mA	-	-	7P5	3P5	TUG	SPG	-	
TPU309	NJD	T092 C	25V	60mA	-	-	-	1/4V	12/30mA	-	-	7P5	3P5	TUG	SPG	-	
TPU309R	NJD	T092 D	25V	60mA	-	-	-	1/4V	12/30mA	-	-	7P5	3P5	TUG	SPG	-	
TPU310	NJD	T092 C	25V	60mA	-	-	-	2.5/6V	24/60mA	-	-	7P5	3P5	TUG	SPG	-	
TPU310R	NJD	T092 D	25V	60mA	-	-	-	2.5/6V	24/60mA	-	-	7P5	3P5	TUG	SPG	-	
TPU1897	NJD	T092 C	40V	-	-	-	-	5/10V	30mAmm	-	-	16P	3P5	TUG	SPG	-	
TPU1897R	NJD	T092 D	40V	-	-	-	-	5/10V	30mAmm	-	-	16P	3P5	TUG	SPG	-	
TPU1898	NJD	T092 C	40V	-	-	-	-	2/7V	15mAmm	-	-	16P	3P5	TUG	SPG	-	
TPU1898R	NJD	T092 D	40V	-	-	-	-	2/7V	15mAmm	-	-	16P	3P5	TUG	SPG	-	
TPU1899	NJD	T092 C	40V	-	-	-	-	1/5V	8mAmm	-	-	16P	3P5	TUG	SPG	-	
TPU1899R	NJD	T092 D	40V	-	-	-	-	1/5V	8mAmm	-	-	16P	3P5	TUG	SPG	-	
TQ1001J	NME	DIL14 -	30V	560mA	150C	2WFtot	-	0.5/2V	1μA	200mSmm	5R0	60P	15P	QUA	SLX	-	
TQ1004J	NME	DIL14 -	60V	450mA	150C	2WFtot	-	0.5/2V	1μA	200mSmm	5R0	60P	10P	QUA	SLX	-	
TSD4M250V	NME	SOT227 Fs	200V	110A	150C	500WC	-	2/4V	400μA	385mnn	R021	13N	1N2	IHS	SGS	-	
TSD4M350V	NME	SOT227 Fs	400V	50A	150C	500WC	-	2/4V	400μA	285mnn	R075	12N	1N0	IHS	SGS	-	
TSD4M450V	NME	SOT227 Fs	500V	45A	150C	500WC	-	2/4V	400μA	285mnn	OR1	12N	1N0	IHS	SGS	SPM850A500	
TSD14N100V	NME	SOT227 Fs	1000V	14A	150C	310WC	-	2/4V	300μA	85mnn	OR77	7N0	250P	IHS	SGS	-	
TSD17N100V	NME	SOT227 Fs	1000V	17A	150C	450WC	-	2/4V	300μA	85mnn	OR77	7N0	250P	IHS	SGS	-	
TSD18N80V	NME	SOT227 Fs	800V	18A	150C	310WC	-	2/4V	300μA	95mnn	OR4	8N1	500P	IHS	SGS	-	
TSD22N80V	NME	SOT227 Fs	500V	22A	150C	400WC	-	2/4V	300μA	95mnn	OR4	8N1	500P	IHS	SGS	-	
TSD23N50V	NME	SOT227 Fs	500V	23A	150C	250WC	-	2/4V	200μA	125mnn	OR22	6N0	500P	IHS	SGS	-	
TSD30N60V	NME	SOT227 Fs	600V	30A	150C	400WC	-	2/4V	300μA	155mnn	OR22	9N0	600P	IHS	SGS	-	
TSD33N50V	NME	SOT227 Fs	500V	33A	150C	310WC	-	2/4V	300μA	165mnn	OR14	9N0	750P	IHS	SGS	-	
TSD40N55V	NME	SOT227 Fs	550V	40A	150C	500WC	-	2/4V	400μA	285mnn	OR12	12N	1N0	IHS	SGS	-	
TSD40N50DV	NME	SOT227 Fs	500V	40A	150C	350WC	-	2/4V	400μA	285mnn	OR11	12N	1N0	IHS	SGS	FRD	
TSD40N50V	NME	SOT227 Fs	500V	40A	150C	350WC	-	2/4V	400μA	285mnn	OR11	12N	1N0	IHS	SGS	-	
TSD45N50V	NME	SOT227 Fs	500V	45A	150C	500WC	-	2/4V	400μA	285mnn	OR11	12N	1N0	IHS	SGS	-	
TSD90N20V	NME	SOT227 Fs	200V	90A	150C	350WC	-	2/4V	400μA	385mnn	R021	13N	1N2	IHS	SGS	-	
TSD135N10V	NME	SOT227 Fs	100V	135A	150C	310WC	-	2/4V	300μA	855mnn	R009	13N5	900P	IHS	SGS	-	
TSD150N10V	NME	SOT227 Fs	100V	150A	150C	350WC	-	2/4V	400μA	100Smm	R007	18N	1N2	IHS	SGS	-	
TSD160N05V	NME	SOT227 Fs	50V	160A	150C	300WC	-	2/4V	400μA	100Stp	R006	12N	720P	IHS	SGS	-	
TSD180N10V	NME	SOT227 Fs	100V	180A	150C	500WC	-	2/4V	400μA	100Smm	R007	18N	1N2	IHS	SGS	-	
TSD200N05V	NME	SOT227 Fs	50V	200A	150C	400WC	-	2/4V	400μA	100Stp	R006	12N	720P	IHS	SGS	-	
TSD250N05V	NME	SOT227 Fs	50V	250A	150C	500WC	-	2/4V	400μA	100Smm	R004	25N	3N0	IHS	SGS	-	
U110	PJD	T018 F	20V	9mA	175C	300mWF	-	1/6V	0.1/1mA	110μS	-	6P0	-	ALG	SLX	BF320A 2N2606	
U112	PJD	T018 F	20V	9mA	175C	300mWF	-	1/6V	0.9/9mA	1mSmm	-	17P	-	ALG	SLX	BF320A 2N2608	
U114	PJD	T018 F	30V	50mA	175C	300mWF	-	6Vmx	500μAmx	110/180μS	-	6P0	-	ALG	OBS	2N2606	
U133	PJD	T018 F	50V	50mA	175C	300mWF	-	5Vmx	1.5mAmm	330/530μS	-	10P	-	ALG	OBS	BF320A 2N2607	
U139	PJD	T05/6 CB	30V	50mA	200C	300mWF	-	7Vmx	35mAmm	7mSmm	120R	16P	-	DUA	OBS	2N5505	
U139D	PJD	T05/6 CB	20V	50mA	200C	300mWF	-	10Vmx	50mAmm	5mSmm	110R	16P	-	DUA	OBS	2N5505	
U146	PJD	T018 F	20V	9mA	175C	300mWF	-	6Vmx	25μAmn	70μSmm	-	6P0	-	ALG	SLX	2N2606	
U147	PJD	T018 F	20V	9mA	175C	300mWF	-	6Vmx	65μAmn	180μSmm	-	10P	-	ALG	SLX	2N2607	
U149	PJD	T018 F	20V	9mA	175C	300mWF	-	6Vmx	440μAmn	1.4mSmm	-	30P	-	ALG	SLX	BF320A 2N5266	
U168	PJD	T018 F	20V	6mA	150C	300mWF	-	5Vmx	0.6/6mA	800μSmm	-	65P	-	ALN	SLX	BF320A 2N5266	
U182	NJD	T072 Ek	40V	-	200C	1800mWC	-	10Vmx	120mAmm	-	40R	20P	-	RLS	OBS	BSV78 2N4091	
U183	NJD	T072 Ek	25V	20mA	125C	200mWF	-	8Vmx	2/20mA	-	-	8P0	-	RLG	SLX	BC264C 2N3684	
U184	NJD	T072 Ek	25V	30mA	200C	300mWF	-	8Vmx	3/30mA	-	-	4P0	1P0	RLG	SLX	BF256A 2N4416	
U197	NJD	T018 E	30V	20mA	175C	300mWF	-	0.2/1V	0.1/1mA	200μSmm	4K	7P0	-	ALN	SLX	BF800 2N3687A	
U198	NJD	T018 E	30V	20mA	175C	300mWF	-	0.8/4V	0.6/6mA	600μSmm	1K5	7P0	-	ALN	SLX	BF800 2N3685A	
U199	NJD	T018 E	30V	20mA	175C	300mWF	-	3/10V	3/20mA	1.5mSmm	650R	7P0	-	ALN	SLX	BC264 2N3684A	
U200	NJD	T018 E	30V	150mA	200C	1800mWC	-	0.5/3V	3/25mA	-	150R	30P	8P0	-	RLS	SLX	2N5555
U201	NJD	T018 E	30V	150mA	200C	1800mWC	-	1.5/5V	15/75mA	-	75R	30P	8P0	-	RLS	SLX	BSV80 2N4092
U202	NJD	T018 E	30V	150mA	200C	1800mWC	-	3.5/10V	30/150mA	-	50R	30P	8P0	-	RLS	SLX	BSV79 2N4091
U221	NJD	T05 E	50V	300mA	200C	800mWF	-	3.5/8V	50/150mA	15mSmm	-	28P	7P0	AMG	SLX	- 2N4857	
U222	NJD	T05 E	50V	300mA	200C	800mWF	-	6/10V	300mAmm	20mSmm	-	28P	7P0	AMG	SLX	- 2N4856	
U231	NJD	T071 EnE	50V	5mA	200C	300mWF	-	0.3/4V	0.5/5mA	1/3mS	-	6P0	2P0	DUA	SLX	BF010 2N5452	
U231X2	NJD	T071 EnE	50V	5mA	200C	300mWF	-	0.3/4V	0.5/5mA	1/3mS	-	6P0	2P0	DUA	SLX	BF010 2N5452	
U232	NJD	T071 EnE	50V	5mA	200C	300mWF	-	0.3/4V	0.5/5mA	1/3mS	-	6P0	2P0	DUA	SLX	BF010 2N5452	
U232X2	NJD	T071 EnE	50V	5mA	200C	300mWF	-	0.3/4V	0.5/5mA	1/3mS	-	6P0	2P0	DUA	SLX	BF010 2N5452	
U233	NJD	T071 EnE	50V	5mA	200C	300mWF	-	0.3/4V	0.5/5mA	1/3mS	-	6P0	2P0	DUA	SLX	BF010 2N5452	
U233X2	NJD	T071 EnE	50V	5mA	200C	300mWF	-	0.3/4V	0.5/5mA	1/3mS	-	6P0	2P0	DUA	SLX	BF010 2N5452	
U234	NJD	T071 EnE	50V	5mA	200C	300mWF	-	0.3/4V	0.5/5mA	1/3mS	-	6P0	2P0	DUA	SLX	BF010 2N5452	
U234X2	NJD	T071 EnE	50V	5mA	200C	300mWF	-	0.3/4V	0.5/5mA	1/3mS	-	6P0	2P0	DUA	SLX	BF010 2N5452	
U235	NJD	T071 EnE	50V	5mA	200C	300mWF	-	0.3/4V	0.5/5mA	1/3mS	-	6P0	2P0	DUA	SLX	BF010 2N5452	
U235X2	NJD	T071 EnE	50V	5mA	200C	300mWF	-	0.3/4V	0.5/5mA	1/3mS	-	6P0	2P0	DUA	SLX	BF010 2N5452	
U240	NJD	T018 E	25V	500mA	200C	400mWF	-	2/10V	150mAmm	-	5R0	70P	35P	QUA	TEL	- 2N5432	
U241	NJD	T018 E	25V	500mA	200C	400mWF	-	2/10V	100mAmm	-	10R	70P	35P	RMS	TEL	- 2N5433	
U242	NJD	T018 E	20V	500mA	200C	400mWF	-	2/10V	150mAmm	-	6R0	70P	35P	RMS	TEL	- 2N5432	
U243	NJD	T018 E	20V	500mA	200C	400mWF	-	10Vmx	100mAmm	-	12R	70P	35P	RMS	TEL	- 2N5433	