

TYPE NO	CONS TRUC TION	PACKAGE & PINOUT	$V_{DS}$		$I_D$	$T_J$	$P_{TOT}$	$V_{GS(OFF)}$ or $V_{GS(TH)}$	$I_{loss}$ or $I_{D(ON)}$	$G_{FS}$	$R_{DS(ON)}$	$C_{SS}$	$C_{RSS}$	USE	MNF	SUBSTITUTE
			MAX	MAX												
2N5019	PJD	TO18	F	30V	50mA	200C	1800mWC	5Vmx	5mAmm		150R	45P	10P	RLS	TEL	-
2N5019CHP	PJD	CHIP	-	30V	90mA	200C		5Vmx	5mAmm		150R	25P	7P0	RLS	SLX	2N5116
2N5020	PJD	TO18	F	25V	2mA	175C	300mWF	0.3/1.2mA			1K3	25P	7P0	RLG	TEL	BF320A
2N5021	PJD	TO18	F	25V	4mA	175C	300mWF	0.5/2.5V	1/3.5mA	1/3.5mS	1K0	25P	7P0	RLG	TEL	BF320A
2N5033	PJD	TO106	E	25V	3500µA	150C	300mWF	0.3/2.5V	1/3.5mA	1/5mS	1K3	25P	7P0	RLG	TEL	BF320A
2N5045	NJD	TO71	EnE	50V	8mA	175C	400mWF	0.5/4.5V	0.5/8mA	1.5/6mS	-	8P0	4P0	DUA	SLX	BFQ10
2N5045X2	NJD	TO71	EnE	50V	8mA	175C	400mWF	0.5/4.5V	0.5/8mA	1.5/6mS	-	8P0	4P0	DUA	SLX	BFQ10
2N5046	NJD	TO71	EnE	50V	8mA	175C	400mWF	0.5/4.5V	0.5/8mA	1.5/6mS	-	8P0	4P0	DUA	SLX	BFQ10
2N5046X2	NJD	TO71	EnE	50V	8mA	175C	400mWF	0.5/4.5V	0.5/8mA	1.5/6mS	-	8P0	4P0	DUA	SLX	BFQ10
2N5047	NJD	TO71	EnE	50V	8mA	175C	400mWF	0.5/4.5V	0.5/8mA	1.5/6mS	-	8P0	4P0	DUA	SLX	BFQ10
2N5047CHP	NJD	CHIP	-	50V	8mA	200C		0.5/4.5V	0.5/8mA	1.5/6mS	-	8P0	4P0	DUA	SLX	BFQ10
2N5047X2	NJD	TO71	EnE	50V	8mA	175C	400mWF	0.5/4.5V	0.5/8mA	1.5/6mS	-	8P0	4P0	DUA	SLX	BFQ10
2N5078	NJD	TO72	Ek	30V	25mA	200C	300mWF	0.5/8V	4/25mA	4.5/10mS	-	6P0	2P0	ALG	TEL	BF256B
2N5103	NJD	TO72	Ek	25V	18mA	200C	300mWF	0.5/4V	1/8mA	2/8mS	-	5P0	1P0	ALG	TEL	BF256A
2N5104	NJD	TO72	Ek	25V	15mA	200C	300mWF	0.5/4V	2/6mA	3.5/7.5mS	-	5P0	1P0	ALG	TEL	BF256A
2N5105	NJD	TO72	Ek	25V	15mA	200C	300mWF	0.5/4V	5/15mA	5/10mS	-	5P0	1P0	ALG	TEL	BF256B
2N5114	PJD	TO18	F	30V	90mA	200C	500mWF	5/10V	30/90mA		75R	25P	7P0	RLS	SLX	-
2N5114/D	PJD	CHIP	-	30V	90mA	200C	500mWF	5/10V	30/90mA		75R	25P	7P0	RLS	INS	-
2N5114/W	PJD	SLICE	-	30V	90mA	200C	500mWF	5/10V	30/90mA		75R	25P	7P0	RLS	INS	-
2N5114CHP	PJD	CHIP	-	30V	90mA	200C	500mWF	5/10V	30/90mA		75R	25P	7P0	RLS	SLX	-
2N5114JAW	PJD	TO18	F	30V	90mA	200C	500mWF	5/10V	30/90mA		75R	25P	7P0	RLS	INS	-
2N5114T092	PJD	TO92	D	30V	90mA	125C	500mWF	5/10V	30/90mA		75R	25P	7P0	RLS	INS	-
2N5115	PJD	TO18	-	30V	60mA	200C	500mWF	3/6V	15/60mA		100R	25P	7P0	RLS	SLX	-
2N5115/D	PJD	CHIP	-	30V	90mA	200C	500mWF	3/6V	15/60mA		100R	25P	7P0	RLS	INS	-
2N5115/W	PJD	SLICE	-	30V	90mA	200C	500mWF	3/6V	15/60mA		100R	25P	7P0	RLS	INS	-
2N5115CHP	PJD	CHIP	-	30V	90mA	200C	500mWF	3/6V	15/60mA		100R	25P	7P0	RLS	SLX	-
2N5115JAN	PJD	TO18	F	30V	90mA	200C	500mWF	3/6V	15/60mA		100R	25P	7P0	RLS	INS	-
2N5115T092	PJD	TO92	D	30V	90mA	125C	500mWF	3/6V	15/60mA		100R	25P	7P0	RLS	INS	-
2N5116	PJD	TO18	F	30V	25mA	200C	500mWF	1/4V	5/25mA		150R	25P	7P0	RLS	SLX	-
2N5116/D	PJD	CHIP	-	30V	90mA	200C	500mWF	1/4V	5/25mA		150R	25P	7P0	RLS	INS	-
2N5116/W	PJD	SLICE	-	30V	90mA	200C	500mWF	1/4V	5/25mA		150R	25P	7P0	RLS	INS	-
2N5116CHP	PJD	CHIP	-	30V	90mA	200C	500mWF	1/4V	5/25mA		150R	25P	7P0	RLS	SLX	-
2N5116JAN	PJD	TO18	F	30V	90mA	200C	500mWF	1/4V	5/25mA		150R	25P	7P0	RLS	SLX	-
2N5116T092	PJD	TO92	D	30V	90mA	125C	500mWF	1/4V	5/25mA		150R	25P	7P0	RLS	INS	-
2N5158	NJD	TO18	B	40V	400mA	200C	400mWF	8Vmx	30/90mA		-	50P	-	ALC	TEL	BSV78
2N5159	NJD	TO18	B	40V	400mA	200C	400mWF	6Vmx	30/90mA		-	50P	-	ALC	TEL	BSV78
2N5163	NJD	TO106	E	25V	40mA	125C	300mWF	0.4/8V	1/40mA	2/9mS	-	20P	5P0	FVG	TEL	BFW61
2N5196	NJD	TO71	EnE	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS	-	6P0	2P0	DUA	SLX	-
2N5196/D	NJD	CHIP	-	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS	-	6P0	2P0	DUA	INS	-
2N5196/W	NJD	SLICE	-	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS	-	6P0	2P0	DUA	INS	-
2N5196X2	NJD	TO71	EnE	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS	-	6P0	2P0	DUA	INS	-
2N5197	NJD	TO71	EnE	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS	-	6P0	2P0	DUA	SLX	-
2N5197/D	NJD	CHIP	-	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS	-	6P0	2P0	DUA	INS	-
2N5197/W	NJD	SLICE	-	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS	-	6P0	2P0	DUA	INS	-
2N5197X2	NJD	TO71	EnE	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS	-	6P0	2P0	DUA	INS	-
2N5198	NJD	TO71	EnE	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS	-	6P0	2P0	DUA	SLX	-
2N5198/D	NJD	CHIP	-	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS	-	6P0	2P0	DUA	INS	-
2N5198/W	NJD	SLICE	-	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS	-	6P0	2P0	DUA	INS	-
2N5198X2	NJD	TO71	EnE	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS	-	6P0	2P0	DUA	INS	-
2N5199	NJD	TO71	EnE	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS	-	6P0	2P0	DUA	SLX	-
2N5199/D	NJD	CHIP	-	50V	7mA	200C	500mWF	0.7/4V	0.7/7mA	1/4mS	-	6P0	2P0	DUA	INS	-
2N5199/W	NJD	SLICE	-	50V	7mA	200C	500mWF	0.7/4V	0.7/7mA	1/4mS	-	6P0	2P0	DUA	INS	-
2N5199CHP	NJD	CHIP	-	50V	7mA	200C	500mWF	0.7/4V	0.7/7mA	1/4mS	-	6P0	2P0	DUA	SLX	-
2N5199X2	NJD	TO71	EnE	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS	-	6P0	2P0	DUA	INS	-
2N5245	NJD	TO106	E	30V	15mA	150C	360mWF	1/6V	5/15mA	4mSmm	-	4P5	1P2	FVG	TEL	BF256B
2N5246	NJD	TO106	E	30V	7mA	150C	360mWF	0.5/4V	1.5/7mA	2.5mSmn	-	4P5	1P2	FVG	TEL	BF256A
2N5247	NJD	TO106	E	30V	25mA	150C	360mWF	1.5/8V	8/24mA	4mSmm	-	4P5	1P2	FVG	TEL	BF256C
2N5248	NJD	TO92	A	30V	20mA	125C	300mWF	8Vmx	20mAmm	3.5/6.5mS	-	6P0	-	FVG	TIS	BF244
2N5265	PJD	TO72	Ek	60V	20mA	175C	300mWF	3Vmx	0.5/1mA	0.9/2.7mS	-	7P0	2P0	ALG	INS	BF320A
2N5266	PJD	TO72	Ek	60V	20mA	175C	300mWF	3Vmx	0.8/1.6mA	1/3mS	-	7P0	2P0	ALG	INS	BF320A
2N5267	PJD	TO72	Ek	60V	20mA	175C	300mWF	6Vmx	1.5/3mA	1.5/3.5mS	-	7P0	2P0	ALG	INS	BF320A
2N5268	PJD	TO72	Ek	60V	20mA	175C	300mWF	6Vmx	2.5/5mA	2/4mS	-	7P0	2P0	ALG	INS	BF320B
2N5269	PJD	TO72	Ek	60V	20mA	175C	300mWF	8Vmx	4/8mA	2.2/4.5mS	-	7P0	2P0	ALG	INS	BF320B
2N5270	PJD	TO72	Ek	60V	20mA	175C	300mWF	8Vmx	7/14mA	2.5/5mS	-	7P0	2P0	ALG	INS	BF320C
2N5277	NJD	T05	E	150V	13mA	200C	800mWF	0.5/7V	2.5/13mA	2/5mS	-	25P	2P0	ALH	TEL	-
2N5277CHP	NJD	CHIP	-	150V	25mA	200C		0.7/7V	2.5/12mA	2/5mS	-	25P	4P0	ALH	SLX	-
2N5278	NJD	T05	E	150V	25mA	200C	800mWF	2/10V	10/25mA	3/6mS	-	25P	5P0	ALH	TEL	-
2N5278CHP	NJD	CHIP	-	150V	25mA	200C		2/10V	10/25mA	3/6mS	-	25P	4P0	ALH	SLX	-
2N5358	NJD	TO72	Bk	40V	3mA	175C	300mWF	0.5/3V	0.5/1mA	1/3mS	-	6P0	2P0	ALN	SLX	BFW13
2N5358CHP	NJD	CHIP	-	40V	8mA	200C		1/3V	0.5/1mA	1/3mS	-	6P0	2P0	ALG	SLX	-
2N5359	NJD	TO72	Bk	40V	3mA	175C	300mWF	0.8/4V	0.8/1.6mA	1.2/3.6mS	-	6P0	2P0	ALN	SLX	BF347
2N5359CHP	NJD	CHIP	-	40V	18mA	200C		0.8/4V	0.8/1.6mA	1.2/3.6mS	-	6P0	2P0	ALG	SLX	-
2N5360	NJD	TO72	Bk	40V	3mA	175C	300mWF	0.8/4V	1.5/3mA	1.4/4.2mS	-	6P0	2P0	ALN	SLX	BC264A
2N5360CHP	NJD	CHIP	-	40V	18mA	200C		0.8/4V	1.5/3mA	1.4/4.2mS	-	6P0	2P0	ALG	SLX	-
2N5361	NJD	TO72	Bk	40V	18mA	175C	300mWF	1/6V	2.5/5mA	1.5/4.5mS	-	6P0	2P0	ALN	SLX	BC264A