

TYPE NO	CONS TRUC TION	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>LOSS</sub> or I <sub>D(OFF)</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							
2N5019	PJD	TO18 F	30V	50mA	200C	1800mWC	5Vmx	5mAmn					150R	45P	10P	RLS	TEL		
2N5019CHP	PJD	CHIP	30V	90mA	200C		5Vmx	5mAmn					150R	25P	7P0	RLS	SLX	2N5116	
2N5020	PJD	TO18 F	25V	2mA	175C	300mWF	0.3/1.2mA		1/3.5mS				1K3	25P	7P0	RLG	TEL	BF320A	
2N5021	PJD	TO18 F	25V	4mA	175C	300mWF	0.5/2.5V	1/3.5mA	1.5/5mS				1K0	25P	7P0	RLG	TEL	BF320A	
2N5033	PJD	TO106 E	25V	3500µA	150C	220mWF	0.3/2.5V	1/3.5mA	1/5mS				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	2N5196	
2N5045X2	NJD	TO71 EnE	50V	8mA	175C	400mWF	0.5/4.5V	0.5/8mA	1.5/6mS				8P0	4P0	DUA	SLX	BFQ10	2N5196	
2N5046	NJD	TO71 EnE	50V	8mA	175C	400mWF	0.5/4.5V	0.5/8mA	1.5/6mS				8P0	4P0	DUA	SLX	BFQ10	2N5196	
2N5046X2	NJD	TO71 EnE	50V	8mA	175C	400mWF	0.5/4.5V	0.5/8mA	1.5/6mS				8P0	4P0	DUA	SLX	BFQ10	2N5196	
2N5047	NJD	TO71 EnE	50V	8mA	175C	400mWF	0.5/4.5V	0.5/8mA	1.5/6mS				8P0	4P0	DUA	SLX	BFQ10	2N5196	
2N5047CHP	NJD	CHIP	50V	8mA	200C		0.5/4.5V	0.5/8mA	1.5/6.5mS				8P0	4P0	DUA	SLX			
2N5047X2	NJD	TO71 EnE	50V	8mA	175C	400mWF	0.5/4.5V	0.5/8mA	1.5/6mS				8P0	4P0	DUA	SLX	BFQ10	2N5196	
2N5078	NJD	TO72 Ek	30V	25mA	200C	300mWF	0.5/8V	4/25mA	4.5/10mS				6P0	2P0	FGV	TEL	BF256B	2N4416	
2N5103	NJD	TO72 Ek	25V	8mA	200C	300mWF	0.5/4V	1/8mA	2/8mS				5P0	1P0	FGV	TEL	BF256A	2N5246	
2N5104	NJD	TO72 Ek	25V	15mA	200C	300mWF	0.5/4V	2/6mA	3.5/7.5mS				5P0	1P0	FGV	TEL	BF256A	2N5246	
2N5105	NJD	TO72 Ek	25V	15mA	200C	300mWF	0.5/4V	5/15mA	5/10mS				5P0	1P0	FGV	TEL	BF256B	2N4416	
2N5114	PJD	TO18 F	30V	90mA	200C	500mWF	5/10V	30/90mA				75R	25P	7P0	RLS	SLX		2N5114	
2N5114/D	PJD	CHIP	30V	90mA	200C	500mWF	5/10V	30/90mA				75R	25P	7P0	RLS	INS		2N5114	
2N5114/W	PJD	SLICE	30V	90mA	200C	500mWF	5/10V	30/90mA				75R	25P	7P0	RLS	INS		2N5114	
2N5114CHP	PJD	CHIP	30V	90mA	200C	500mWF	5/10V	30/90mA				75R	25P	7P0	RLS	SLX		2N5114	
2N5114JAW	PJD	TO18 F	30V	90mA	200C	500mWF	5/10V	30/90mA				75R	25P	7P0	RLS	INS		2N5114	
2N5114T092	PJD	TO92 D	30V	90mA	125C	500mWF	5/10V	30/90mA				75R	25P	7P0	RLS	INS		2N5114	
2N5115	PJD	TO18 F	30V	60mA	200C	500mWF	3/6V	15/60mA				100R	25P	7P0	RLS	SLX		2N5114	
2N5115/D	PJD	CHIP	30V	90mA	200C	500mWF	3/6V	15/60mA				100R	25P	7P0	RLS	INS		2N5115	
2N5115/W	PJD	SLICE	30V	90mA	200C	500mWF	3/6V	15/60mA				100R	25P	7P0	RLS	INS		2N5115	
2N5115CHP	PJD	CHIP	30V	90mA	200C		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		2N5115	
2N5115T092	PJD	TO92 D	30V	90mA	125C	500mWF	3/6V	15/60mA				100R	25P	7P0	RLS	INS		2N5115	
2N5116	PJD	TO18 F	30V	25mA	200C	500mWF	1/4V	5/25mA				150R	25P	7P0	RLS	SLX		2N3382	
2N5116/D	PJD	CHIP	30V	90mA	200C	500mWF	1/4V	5/25mA				150R	25P	7P0	RLS	INS		2N3393	
2N5116/W	PJD	SLICE	30V	90mA	200C	500mWF	1/4V	5/25mA				150R	25P	7P0	RLS	INS		2N3393	
2N5116CHP	PJD	CHIP	30V	90mA	200C		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		2N3393	
2N5116T092	PJD	TO92 D	30V	90mA	125C	500mWF	1/4V	5/25mA				150R	25P	7P0	RLS	INS		2N3393	
2N5158	NJD	TO18 B	40V	400mA	200C	400mWF	8Vmx	30/90mA					50P		ALC	TEL	BSV78	2N5434	
2N5159	NJD	TO18 B	40V	400mA	200C	400mWF	6Vmx	30/90mA					50P		ALC	TEL	BSV78	2N5433	
2N5163	NJD	TO106 E	25V	40mA	125C	300mWF	0.4/8V	1/40mA	2/9mS				20P	5P0	FGV	TEL	BFW61	2N5398	
2N5196	NJD	TO71 EnE	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS				6P0	2P0	DUA	SLX		2N5545	
2N5196/D	NJD	CHIP	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS				6P0	2P0	DUA	INS		2N5545	
2N5196/W	NJD	SLICE	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS				6P0	2P0	DUA	INS		2N5545	
2N5196X2	NJD	TO71 EnE	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS				6P0	2P0	DUA	INS		2N5545	
2N5197	NJD	TO71 EnE	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS				6P0	2P0	DUA	INS		2N5545	
2N5197/D	NJD	CHIP	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS				6P0	2P0	DUA	SLX		2N5545	
2N5197/W	NJD	SLICE	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS				6P0	2P0	DUA	INS		2N5545	
2N5197X2	NJD	TO71 EnE	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS				6P0	2P0	DUA	INS		2N5196	
2N5198	NJD	TO71 EnE	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS				6P0	2P0	DUA	INS		2N5196	
2N5198/D	NJD	CHIP	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS				6P0	2P0	DUA	SLX		2N5196	
2N5198/W	NJD	SLICE	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS				6P0	2P0	DUA	INS		2N5196	
2N5198X2	NJD	TO71 EnE	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS				6P0	2P0	DUA	INS		2N5196	
2N5199	NJD	TO71 EnE	50V	7mA	150C	500mWF	0.7/4V	0.7/7mA	1/4mS				6P0	2P0	DUA	SLX		2N5196	
2N5199/D	NJD	CHIP	50V	7mA	200C	500mWF	0.7/4V	0.7/7mA	1/4mS				6P0	2P0	DUA	INS		2N5196	
2N5199/W	NJD	SLICE	50V	7mA	200C	500mWF	0.7/4V	0.7/7mA	1/4mS				6P0	2P0	DUA	INS		2N5196	
2N5199CHP	NJD	CHIP	50V	7mA	200C		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		2N5196	
2N5245	NJD	TO106 E	30V	15mA	150C	360mWF	1/6V	5/15mA	4mSmn				4P5	1P2	FGV	TEL	BF256B	2N5245	
2N5246	NJD	TO106 E	30V	7mA	150C	360mWF	0.5/4V	1.5/7mA	2.5mSnn				4P5	1P2	FGV	TEL	BF256A	2N5485	
2N5247	NJD	TO106 E	30V	25mA	150C	360mWF	1.5/8V	8/24mA	4mSnn				4P5	1P2	FGV	TEL	BF256C	2N5247	
2N5248	NJD	TO92 A	30V	20mA	125C	300mWF	8Vmx	20mAmx	3.5/6.5mS				6P0		FGV	TIS	BF244	2N3823	
2N5265	PJD	TO72 Ek	60V	20mA	175C	300mWF	3Vmx	0.5/1mA	0.9/2.7mS				7P0	2P0	ALG	INS	BF320A	2N2607	
2N5266	PJD	TO72 Ek	60V	20mA	175C	300mWF	3Vmx	0.8/1.6mA	1/3mS				7P0	2P0	ALG	INS	BF320A	2N2844	
2N5267	PJD	TO72 Ek	60V	20mA	175C	300mWF	6Vmx	1.5/3mA	1.5/3.5mS				7P0	2P0	ALG	INS	BF320A	2N3330	
2N5268	PJD	TO72 Ek	60V	20mA	175C	300mWF	6Vmx	2.5/5mA	2/4mS				7P0	2P0	ALG	INS	BF320B	2N3378	
2N5269	PJD	TO72 Ek	60V	20mA	175C	300mWF	8Vmx	4/8mA	2.2/4.5mS				7P0	2P0	ALG	INS	BF320B	2N3378	
2N5270	PJD	TO72 Ek	60V	20mA	175C	300mWF	8Vmx	7/14mA	2.5/5mS				7P0	2P0	ALG	INS	BF320C	2N3382	
2N5277	NJD	T05 E	150V	13mA	200C	800mWF	0.5/7V	2.5/13mA	2/5mS				25P	2P0	ALH	TEL		2N5543	
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		2N5543	
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					