

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>LOSS</sub> or I <sub>D(OFF)</sub>	G <sub>FS</sub>	R <sub>DS(ON)</sub>	C <sub>ISS</sub>	C <sub>RES</sub>	USE	MNF	SUBSTITUTE
			MAX	MAX												
IXFM20N60	NME	T03 C	600V	20A	150C	300WC					OR35	4N5tp	140Ptp	IHS	IXS	FRD
IXFM21N50	NME	T03 C	500V	21A	150C	300WC					OR25	4N2tp	135Ptp	IHS	IXS	FRD
IXFM24N50	NME	T03 C	500V	24A	150C	300WC					OR23	4N2tp	135Ptp	IHS	IXS	FRD
IXFM26N50	NME	T03 C	500V	26A	150C	300WC					OR2	4N2tp	135Ptp	IHS	IXS	FRD
IXFM35N30	NME	T03 C	300V	35A	150C	300WC					OR1	4N8tp	280Ptp	IHS	IXS	FRD
IXFM40N30	NME	T03 C	300V	40A	150C	300WC					OR08	4N8tp	280Ptp	IHS	IXS	FRD
IXFM42N20	NME	T03 C	200V	42A	150C	300WC					R065	4N4tp	285Ptp	IHS	IXS	FRD
IXFM50N20	NME	T03 C	200V	50A	150C	300WC					R045	4N4tp	285Ptp	IHS	IXS	FRD
IXFM58N20	NME	T03 C	200V	58A	150C	300WC					OR04	4N4tp	285Ptp	IHS	IXS	FRD
IXFM67N10	NME	T03 C	100V	67A	150C	300WC					R025	4N5tp	800Ptp	IHS	IXS	FRD
IXFM75N10	NME	T03 C	100V	75A	150C	300WC					OR02	4N5tp	800Ptp	IHS	IXS	FRD
IXTH5N100	NME	T0247 Dd	1000V	5A	150C	180WC					2R4	2N6tp	45Ptp	IHS	IXS	
IXTH5N100A	NME	T0247 Dd	1000V	5A	150C	180WC					2R0	2N6tp	45Ptp	IHS	IXS	
IXTH6N80	NME	T0247 Dd	800V	6A	150C	180WC					1R8	2N8tp	100Ptp	IHS	IXS	IRFPE40
IXTH6N80A	NME	T0247 Dd	800V	6A	150C	180WC					1R4	2N8tp	100Ptp	IHS	IXS	
IXTH6N90	NME	T0247 Dd	900V	6A	150C	180WC					1R8	2N6tp	45Ptp	IHS	IXS	
IXTH6N90A	NME	T0247 Dd	900V	6A	150C	180WC					1R4	2N6tp	45Ptp	IHS	IXS	
IXTH10N90	NME	T0247 Dd	900V	10A	150C	300WC					1R1	4N2tp	90Ptp	IHS	IXS	
IXTH10N100	NME	T0247 Dd	1000V	10A	150C	300WC					1R2	4N0tp	70Ptp	IHS	IXS	
IXTH11N80	NME	T0247 Dd	800V	11A	150C	300WC					OR95	4N2tp	100Ptp	IHS	IXS	
IXTH12N50A	NME	T0247 Dd	500V	12A	150C	180WC					OR4	2N8tp	70Ptp	IHS	IXS	
IXTH12N90	NME	T0247 Dd	900V	12A	150C	300WC					OR9	4N2tp	90Ptp	IHS	IXS	
IXTH12N100	NME	T0247 Dd	1000V	12A	150C	300WC					1R05	4N0tp	70Ptp	IHS	IXS	
IXTH13N80	NME	T0247 Dd	800V	13A	150C	300WC					OR8	4N2tp	100Ptp	IHS	IXS	
IXTH15N60	NME	T0247 Dd	600V	15A	150C	300WC					OR5	4N5tp	140Ptp	IHS	IXS	
IXTH20N60	NME	T0247 Dd	600V	20A	150C	300WC					OR35	4N5tp	140Ptp	IHS	IXS	
IXTH21N50	NME	T0247 Dd	500V	21A	150C	300WC					OR25	4N2tp	135Ptp	IHS	IXS	
IXTH24N50	NME	T0247 Dd	500V	24A	150C	300WC					OR23	4N2tp	135Ptp	IHS	IXS	
IXTH35N30	NME	T0247 Dd	300V	35A	150C	300WC					OR1	4N8tp	283Ptp	IHS	IXS	
IXTH40N30	NME	T0247 Dd	300V	40A	150C	300WC					OR08	4N8tp	283Ptp	IHS	IXS	
IXTH42N20	NME	T0247 Dd	200V	42A	150C	300WC					R065	4N4tp	285Ptp	IHS	IXS	
IXTH50N20	NME	T0247 Dd	200V	50A	150C	300WC					R045	4N4tp	285Ptp	IHS	IXS	
IXTH67N10	NME	T0247 Dd	100V	67A	150C	300WC					R025	4N5tp	400Ptp	IHS	IXS	
IXTH75N10	NME	T0247 Dd	100V	75A	150C	300WC					OR02	4N5tp	400Ptp	IHS	IXS	
IXTM5N100	NME	T03 C	1000V	5A	150C	180WC					2R4	2N6tp	45Ptp	IHS	IXS	IRFAG30 SML1002R4A
IXTM5N100A	NME	T03 C	1000V	5A	150C	180WC					2R0	2N6tp	45Ptp	IHS	IXS	SML1002RAN
IXTM6N80	NME	T03 C	800V	6A	150C	180WC					1R8	2N8tp	100Ptp	IHS	IXS	IRFAE40 SML801R4AN
IXTM6N80A	NME	T03 C	800V	6A	150C	180WC					1R4	2N8tp	100Ptp	IHS	IXS	SML801R2AN
IXTM6N90	NME	T03 C	900V	6A	150C	180WC					1R8	2N6tp	45Ptp	IHS	IXS	SML902R4AN
IXTM6N90A	NME	T03 C	900V	6A	150C	180WC					1R4	2N6tp	45Ptp	IHS	IXS	SML902RAN
IXTM10N90	NME	T03 C	900V	10A	150C	300WC					1R1	4N2tp	90Ptp	IHS	IXS	SML901R1AN
IXTM10N100	NME	T03 C	1000V	10A	150C	300WC					1R2	4N0tp	70Ptp	IHS	IXS	
IXTM11N80	NME	T03 C	800V	11A	150C	300WC					OR95	4N2tp	100Ptp	IHS	IXS	SML8090AN
IXTM12N50A	NME	T03 C	500V	12A	150C	150WC					OR4	2N8tp	70Ptp	IHS	IXS	SML5050AN
IXTM12N90	NME	T03 C	900V	12A	150C	300WC					OR9	4N2tp	90Ptp	IHS	IXS	
IXTM12N100	NME	T03 C	1000V	12A	150C	300WC					1R05	4N0tp	70Ptp	IHS	IXS	SML1001RAN
IXTM13N80	NME	T03 C	800V	13A	150C	300WC					OR8	4N2tp	100Ptp	IHS	IXS	SML8075AN
IXTM15N60	NME	T03 C	600V	15A	150C	300WC					OR5	4N5tp	140Ptp	IHS	IXS	SML8045AN
IXTM20N60	NME	T03 C	600V	20A	150C	300WC					OR35	4N5tp	140Ptp	IHS	IXS	SML6035AN
IXTM21N50	NME	T03 C	500V	21A	150C	300WC					OR25	4N2tp	135Ptp	IHS	IXS	SML5025AN
IXTM24N50	NME	T03 C	500V	24A	150C	300WC					OR23	4N2tp	135Ptp	IHS	IXS	SML5023AN
IXTM35N30	NME	T03 C	300V	35A	150C	300WC					OR1	4N8tp	283Ptp	IHS	IXS	
IXTM40N30	NME	T03 C	300V	40A	150C	300WC					OR08	4N8tp	283Ptp	IHS	IXS	
IXTM42N20	NME	T03 C	200V	42A	150C	300WC					R065	4N4tp	285Ptp	IHS	IXS	
IXTM50N20	NME	T03 C	200V	50A	150C	300WC					R045	4N4tp	285Ptp	IHS	IXS	
IXTM67N10	NME	T03 C	100V	67A	150C	300WC					R025	4N5tp	400Ptp	IHS	IXS	
IXTM75N10	NME	T03 C	100V	75A	150C	300WC					OR02	4N5tp	400Ptp	IHS	IXS	
IXTN15N100	NME	SOT227 Fs	1000V	15A	150C	350WC					OR6	8N0tp	150Ptp	IHS	IXS	
IXTN36N45	NME	SOT227 Fs	450V	36A	150C	350WC					OR12	8N5tp	300Ptp	IHS	IXS	
IXTN36N50	NME	SOT227 Fs	500V	36A	150C	350WC					OR12	8N5tp	300Ptp	IHS	IXS	
IXTN79N20	NME	SOT227 Fs	200V	79A	150C	350WC					R025	9N0tp	600Ptp	IHS	IXS	
J1	NJD	T0236 F	20V	10mA	80C	50mWF	0.5/1V	0.05/2mA	350µ5m			10P		ALN	NEC	
J2	NJD	T0236 F	20V	10mA	100C	100mWF	0.5/1V	200/400µA	350µ5m			10P		ALN	NEC	
J2N3823	NJD	CHIP	30V	20mA	200C	300mWH	8Vmx	4/20mA	3.5/6.5mS			6P0	2P0	FVG	SGS	BFW61
J2N3966	NJD	CHIP	30V	20mA	200C	300mWH	4/6V	2/20mA			220R	6P0	2P0	RLS	SGS	2N3966
J2N4091	NJD	CHIP	40V	15mA	175C	1800mWC	5/10V	30mAmm			30R	16P	5P0	RLS	SGS	BSV78
J2N4092	NJD	CHIP	40V	15mA	175C	1800mWC	2/7V	15mAmm			50R	16P	5P0	RLS	SGS	BSV79
J2N4093	NJD	CHIP	40V	50mA	175C	1800mWC	1/5V	8mAmm			80R	16P	5P0	RLS	SGS	BSV80
J2N4220	NJD	CHIP	30V	15mA	200C	300mWH	4Vmx	0.5/3mA	1/4mS			6P0	2P0	FVG	SGS	BF347
J2N4221	NJD	CHIP	30V	15mA	200C	300mWH	6Vmx	2/5mA	2/5mS			6P0	2P0	FVG	SGS	BFW12
J2N4222	NJD	CHIP	30V	15mA	200C	300mWH	8Vmx	5/15mA	2.5/6mS			6P0	2P0	FVG	SGS	BFW61
J2N4391	NJD	CHIP	40V	15mA	175C	1800mWC	4/10V	50/150mA			30R	14P	4P0	RLS	SGS	BSV78
J2N4392	NJD	CHIP	40V	75mA	175C	1800mWC	2/5V	25/75mA			60R	14P	4P0	RLS	SGS	BSV79
J2N4393	NJD	CHIP	40V	30mA	175C	1800mWC	0.5/3V	5/30mA			100R	14P	4P0	RLS	SGS	BSV80
J2N4416	NJD	CHIP	30V	15mA	200C	300mWH	6Vmx	5/15mA	4.5/7.5mS			4P0	0P9	TUG	SGS	BF256