

TYPE NO	CONSTRUCTION	PACKAGE & PINOUT		V <sub>DS</sub>			P <sub>TOT</sub>	V <sub>GS(OFF)</sub> or V <sub>GS(TH)</sub>		I <sub>LOSS</sub> or I <sub>D(OH)</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	MAX						MAX
SML5040AN	NME	TO3	C	500V	14.5A	150C	198WC	2/4V	250μA			OR4	1N8	200P	IHS	SML	IRF450		
SML5040CN	NME	TO254	Bn	500V	13A	150C	150WC	2/4V	250μA			OR4	1N8	200P	IHS	SML	-		
SML5050AN	NME	TO3	C	500V	13A	150C	198WC	2/4V	250μA			OR5	1N8	200P	IHS	SML	IXTM15N45A		
SML5050CN	NME	TO254	Bn	500V	11.5A	150C	150WC	2/4V	250μA			OR5	1N8	200P	IHS	SML	-		
SML5085AN	NME	TO3	C	500V	8.5A	150C	150WC	2/4V	250μA			OR65	950P	94P	IHS	SML	IRF440		
SML5085CN	NME	TO254	Bn	500V	8A	150C	125WC	2/4V	250μA			OR85	950P	94P	IHS	SML	-		
SML5085GN	NME	TO257	Bn	500V	7A	150C	100WC	2/4V	250μA			OR85	950P	94P	IHS	SML	-		
SML5540AN	NME	TO3	C	550V	15.5A	150C	230WC	2/4V	250μA			OR4	2N95	230P	IHS	SML	IXTM17N55		
SML5540HN	NME	TO258	Bn	550V	16.5A	150C	250WC	2/4V	250μA			OR4	2N95	210P	IHS	SML	-		
SML5545AN	NME	TO3	C	550V	14.5A	150C	230WC	2/4V	250μA			OR45	2N95	230P	IHS	SML	IXTM15N55		
SML5545HN	NME	TO258	Bn	550V	15.5A	150C	250WC	2/4V	250μA			OR45	2N95	210P	IHS	SML	-		
SML5560AN	NME	TO3	C	550V	11.5A	150C	198WC	2/4V	250μA			OR6	1N8	157P	IHS	SML	-		
SML5560CN	NME	TO254	Bn	550V	10.5A	150C	130WC	2/4V	250μA			OR6	1N8	157P	IHS	SML	-		
SML5570AN	NME	TO3	C	550V	10.5A	150C	198WC	2/4V	250μA			OR7	1N8	157P	IHS	SML	-		
SML5570CN	NME	TO254	Bn	550V	9.5A	150C	130WC	2/4V	250μA			OR7	1N8	157P	IHS	SML	-		
SML6040AN	NME	TO3	C	600V	15.5A	150C	230WC	2/4V	250μA			OR4	2N95	230P	IHS	SML	IXTM17N60		
SML6040HN	NME	TO258	Bn	600V	16.5A	150C	250WC	2/4V	250μA			OR4	2N95	210P	IHS	SML	-		
SML6045AN	NME	TO3	C	600V	14.5A	150C	230WC	2/4V	250μA			OR45	2N95	230P	IHS	SML	IXTM15N60		
SML6045HN	NME	TO258	Bn	600V	15.5A	150C	250WC	2/4V	250μA			OR45	2N95	210P	IHS	SML	-		
SML6060AN	NME	TO3	C	600V	11.5A	150C	198WC	2/4V	250μA			OR6	1N8	157P	IHS	SML	MTM8N60		
SML6060CN	NME	TO254	Bn	600V	10.5A	150C	130WC	2/4V	250μA			OR6	1N8	157P	IHS	SML	-		
SML6070AN	NME	TO3	C	600V	10.5A	150C	198WC	2/4V	250μA			OR7	1N8	157P	IHS	SML	IXTM10N60		
SML6070CN	NME	TO254	Bn	600V	9.5A	150C	130WC	2/4V	250μA			OR7	1N8	157P	IHS	SML	-		
SML7575AN	NME	TO3	C	750V	11.5A	150C	230WC	2/4V	250μA			OR75	2N95	180P	IHS	SML	-		
SML7575HN	NME	TO258	Bn	750V	11.5A	150C	250WC	2/4V	250μA			OR75	2N95	165P	IHS	SML	-		
SML7590AN	NME	TO3	C	750V	10.5A	150C	230WC	2/4V	250μA			OR9	2N95	180P	IHS	SML	-		
SML7590HN	NME	TO258	Bn	750V	10.5A	150C	250WC	2/4V	250μA			OR9	2N95	165P	IHS	SML	-		
SML8075AN	NME	TO3	C	800V	11.5A	150C	230WC	2/4V	250μA			OR75	2N95	180P	IHS	SML	IXTM13N80		
SML8075HN	NME	TO258	Bn	800V	11.5A	150C	250WC	2/4V	250μA			OR75	2N95	165P	IHS	SML	-		
SML8090AN	NME	TO3	C	800V	10.5A	150C	230WC	2/4V	250μA			OR9	2N95	180P	IHS	SML	IXTM12N90		
SML8090HN	NME	TO258	Bn	800V	10.5A	150C	250WC	2/4V	250μA			OR9	2N95	165P	IHS	SML	-		
SMM11P20	PME	TO3	C	200V	11A	150C	125WC	2/4V	250μA		4.8Smm	OR5	1N31p	250PtP	IHS	SLX	-		
SMM20P10	PME	TO3	C	100V	20A	150C	125WC	2/4V	250μA		4.8Smm	OR2	1N31p	310PtP	IHS	SLX	-		
SMM70N06	NME	TO3	C	60V	70A	150C	250WC	2/4V	250μA		20Smm	R018	4N8tp	600PtP	IHS	SLX	-		
SMM70N10	NME	TO3	C	100V	70A	150C	250WC	2/4V	25μA		20Smm	R025	4N1tp	310PtP	IHS	SLX	-		
SMP2P20	PME	TO220	Dd	200V	1.75A	150C	20WC	2/4V	250μA		500mSmm	3R0	170PtP	25PtP	IMS	SLX	-		
SMP3N50F	NME	TO220	Dd	500V	2.5A	150C	48WC	2/4V	250μA		15mm	3R0	350PtP	25PtP	IMS	SLX	-		
SMP3P10	PME	TO220	Dd	100V	3A	150C	20WC	2/4V	250μA		500mSmm	1R2	150PtP	25PtP	IMS	SLX	-		
SMP4N60	NME	TO220	Dd	600V	4A	150C	75WC	2/4V	250μA		15mm	2R0	700PtP	50PtP	IMS	SLX	STP5N60		
SMP5N50F	NME	TO220	Dd	500V	4.5A	150C	75WC	2/4V	250μA		2.55mm	1R5	720PtP	40PtP	IMS	SLX	-		
SMP7N60	NME	TO220	Dd	600V	7A	150C	125WC	2/4V	250μA		25mm	1R1	1N21p	80PtP	IHS	SLX	MTPN60		
SMP8N50F	NME	TO220	Dd	500V	8A	150C	125WC	2/4V	250μA		45mm	OR85	1N36tp	80PtP	IHS	SLX	-		
SMP11P20	PME	TO220	Dd	200V	11A	150C	125WC	2/4V	250μA		45mm	OR5	1N31p	250PtP	IHS	SLX	-		
SMP20N20	NME	TO220	Dd	200V	20A	150C	125WC	2/4V	250μA		65mm	OR16	1N31p	110PtP	IHS	SLX	-		
SMP20P10	NME	TO220	Dd	100V	20A	150C	125WC	2/4V	250μA		4.8Smm	OR2	1N31p	310PtP	IHS	SLX	-		
SMP25N05	NME	TO220	Dd	50V	25A	150C	85WC	2/4V	250μA		55mm	OR06	1N02tp	120PtP	IHS	SLX	BUZ11A		
SMP25N05-45L	NME	TO220	Dd	50V	25A	150C	60WC	1/3V	25μA		16Stp	R045	800PtP	90PtP	IHS	SLX	-		
SMP25N06	NME	TO220	Dd	60V	25A	150C	60WC	1/2V	25μA		16Stp	OR06	1N02tp	120PtP	IHS	SLX	-		
SMP30N10	NME	TO220	Dd	100V	30A	150C	100WC	2/4V	25μA		75mm	OR06	1N5tp	110PtP	IHS	SLX	STP30N10		
SMP40N10	NME	TO220	Dd	100V	40A	150C	125WC	2/4V	25μA		155mm	OR04	3N0tp	150PtP	IHS	SLX	-		
SMP50N06-25	NME	TO220	Dd	60V	46A	150C	90WC	2/4V	25μA		20Stp	R025	1N87tp	120PtP	IHS	SLX	-		
SMP60N03-10L	NME	TO220	Dd	30V	60A	150C	105WC	0.8/3V	25μA		45Stp	OR01	2N6tp	750PtP	IHS	SLX	-		
SMP60N05	NME	TO220	Dd	50V	60A	150C	125WC	2/4V	250μA		155mm	R023	2N9tp	500PtP	IHS	SLX	-		
SMP60N06	NME	TO220	Dd	60V	60A	150C	125WC	2/4V	250μA		155mm	R023	2N9tp	500PtP	IHS	SLX	-		
SMP60N06-14	NME	TO220	Dd	60V	60A	150C	125WC	2/4V	25μA		305mm	R014	3N45tp	230PtP	IHS	SLX	-		
SMP60N06-18	NME	TO220	Dd	60V	60A	150C	105WC	2/4V	25μA		155mm	R018	2N6tp	200PtP	IHS	SLX	-		
SMU10P05	PME	TO251	Dd	50V	2A	150C	40WC	2/4V	25μA		15mm	OR28	530PtP	85PtP	IMS	SLX	-		
SMU15N05	NME	TO251	Dd	50V	3.3A	150C	40WC	2/4V	25μA		35mm	OR1	480PtP	120PtP	IHS	SLX	-		
SMV1P10	PME	TO250	dA	100V	700mA	150C	1WF	2/4V	250μA		300mSmm	1R2	250P	45P	ILS	SLX	-		
SMV1P20	PME	TO250	dA	200V	400mA	150C	1WF	2/4V	250μA		300mSmm	3R0	300P	35P	ILS	SLX	-		
SMW12P20	PME	TO247	Dd	200V	12A	150C	150WC	2/4V	25μA		45mm	OR5	1N31p	250PtP	IHS	SLX	-		
SMW14N50F	NME	TO247	Dd	500V	14A	150C	180WC	2/4V	250μA		55mm	OR4	2N5tp	140PtP	IHS	SLX	-		
SMW20P10	PME	TO247	Dd	100V	20A	150C	150WC	2/4V	25μA		55mm	OR2	1N15tp	195PtP	IHS	SLX	-		
SMW45N10	NME	TO247	Dd	100V	45A	150C	150WC	2/4V	25μA		155mm	OR04	3N0tp	150PtP	IHS	SLX	-		
SMW60N06-18	NME	TO247	Dd	60V	60A	150C	105WC	2/4V	25μA		155mm	R018	2N6tp	200PtP	IHS	SLX	-		
SMW60N10	NME	TO247	Dd	100V	60A	150C	180WC	2/4V	25μA		205mm	R025	4N1tp	310PtP	IHS	SLX	-		
SMW70N06-14	NME	TO247	Dd	60V	70A	150C	150WC	2/4V	25μA		305mm	R014	3N45tp	230PtP	IHS	SLX	STH75N06		
SN7000	NME	TO92	F	60V	250mA	150C	630mWF	0.8/2V	1μA		100mSmm	5R0	60P	10P	RLH	SIE	-		
SN7002	NME	SO123	E	60V	190mA	150C	360mWF	0.8/2V	1μA		100mSmm	5R0	60P	10P	RLH	SIE	-		
SP0610L	PME	TO92	A	60V	180mA	150C	630mWF	1/2V	1μA		80mSmm	10R	45P	12P	RLH	SIE	-		
SP0610T	PME	TO92	A	60V	130mA	150C	360mWF	1/2V	1μA		80mSmm	10R	45P	12P	RLH	SIE	-		
SSH3N70	NME	TO247	Dd	700V	3A	-	-	-	-		-	6R0	-	-	-	-	SAM	2N7066	
SSH3N70A	NME	TO247	Dd	700V	3A	-	-	-	-		-	5R0	-	-	-	-	-	SAM	-
SSH4N45	NME	TO247	Dd	450V	4A	-	-	-	-		-	1R5	-	-	-	-	-	SAM	-
SSH4N50	NME	TO247	Dd	500V	4A	-	-	-	-		-	1R5	-	-	-	-	-	SAM	-