

TYPE NO	CONSTRUCTION	PACKAGE & PINOUT	V _{DS} MAX	I _D MAX	T _J MAX	P _{tot} MAX	V _{GS(OFF)} or V _{GS(TH)}	I _{loss} or I _{D(OH)}	G _{FS}	R _{DS(OH)} MAX	C _{ISS} MAX	C _{RSS} MAX	USE	MNF	SUBSTITUTE
IRF235	NME	T03 C	250V	6.5A	175C	75WC	2/4V	250µA	2.95mm	OR68	600Pt	52Pt	IHS	IRC	
IRF240	NME	T03 C	200V	18A	150C	125WC	2/4V	-	65mm	OR18	1N6	300P	RHH	IRC	VN0420N1 MTM15N20
IRF240R	NME	T03 C	200V	18A	150C	125WC	2/4V	250µA	6.75mm	OR18	1N275tp	160Pt	IHS	HRS	
IRF241	NME	T03 C	150V	18A	150C	125WC	2/4V	-	65mm	OR18	1N6	300P	RHH	IRC	VN2315N1 MTM15N20
IRF241R	NME	T03 C	150V	18A	150C	125WC	2/4V	250µA	6.75mm	OR18	1N275tp	160Pt	IHS	HRS	
IRF242	NME	T03 C	200V	16A	150C	125WC	2/4V	-	65mm	OR22	1N6	300P	RHH	IRC	VN0420N1 MTM15N20
IRF242R	NME	T03 C	200V	16A	150C	125WC	2/4V	250µA	6.75mm	OR22	1N275tp	160Pt	IHS	HRS	
IRF243	NME	T03 C	150V	16A	150C	125WC	2/4V	-	65mm	OR22	1N6	300P	RHH	IRC	VN2315N1 MTM15N20
IRF243R	NME	T03 C	150V	16A	150C	125WC	2/4V	250µA	6.75mm	OR22	1N275tp	160Pt	IHS	HRS	
IRF244	NME	T03 C	250V	14A	175C	125WC	2/4V	250µA	6.75mm	OR28	1N3tp	69Pt	IHS	IRC	
IRF245	NME	T03 C	250V	13A	175C	125WC	2/4V	250µA	6.75mm	OR34	1N3tp	69Pt	IHS	IRC	
IRF246	NME	T03 C	275V	14A	150C	125WC	2/4V	250µA	6.75mm	OR34	1N3tp	69Pt	IHS	HRS	
IRF247	NME	T03 C	275V	13A	150C	125WC	2/4V	250µA	6.75mm	OR34	1N3tp	69Pt	IHS	HRS	
IRF250	NME	T03 C	200V	30A	150C	150WC	2/4V	-	85mm	R085	3N0	500P	RHH	IRC	VN2320N1 MTM40N20
IRF250R	NME	T03 C	200V	30A	150C	150WC	2/4V	250µA	135mm	R085	2N0tp	300Pt	IHS	HRS	
IRF251	NME	T03 C	150V	30A	150C	150WC	2/4V	-	85mm	R085	3N0	500P	RHH	IRC	VN2315N1 MTM40N20
IRF251R	NME	T03 C	150V	30A	150C	150WC	2/4V	250µA	135mm	R085	2N0tp	300Pt	IHS	HRS	
IRF252	NME	T03 C	200V	25A	150C	150WC	2/4V	-	85mm	OR12	3N0	500P	RHH	IRC	VN2320N1 MTM40N20
IRF252R	NME	T03 C	200V	25A	150C	150WC	2/4V	250µA	135mm	OR12	2N0tp	300Pt	IHS	HRS	
IRF253	NME	T03 C	150V	25A	150C	150WC	2/4V	-	85mm	OR12	3N0	500P	RHH	IRC	VN2315N1 MTM40N20
IRF253R	NME	T03 C	150V	25A	150C	150WC	2/4V	250µA	135mm	OR12	2N0tp	300Pt	IHS	HRS	
IRF254	NME	T03 C	250V	22A	175C	150WC	2/4V	250µA	115mm	OR14	2N7tp	130Pt	IHS	IRC	
IRF255	NME	T03 C	250V	20A	175C	150WC	2/4V	250µA	115mm	OR17	2N7tp	130Pt	IHS	IRC	
IRF256	NME	T03 C	275V	22A	150C	150WC	2/4V	250µA	115mm	OR14	2N7tp	130Pt	IHS	HRS	
IRF257	NME	T03 C	275V	20A	150C	150WC	2/4V	250µA	115mm	OR17	2N7tp	130Pt	IHS	HRS	
IRF300	NME	T03 C	400V	5A	150C	75WC	2/4V	-	25mm	1R5	1N2	80P	RHH	IRC	MTM5N40
IRF301	NME	T03 C	350V	5A	150C	75WC	2/4V	-	25mm	1R5	1N2	80P	RHH	IRC	MTM5N35
IRF305	NME	T03 C	400V	5A	150C	75WC	2/4V	-	25mm	1R5	1N2	80P	RHH	IRC	MTM5N40
IRF306	NME	T03 C	350V	5A	150C	75WC	2/4V	-	25mm	1R5	1N2	80P	RHH	IRC	MTM5N35
IRF320	NME	T03 C	400V	3A	150C	40WC	2/4V	-	15mm	1R8	600P	40P	RHH	IRC	ZVN0340M MTM5N40
IRF321	NME	T03 C	350V	3A	150C	40WC	2/4V	-	15mm	1R8	600P	40P	RHH	IRC	ZVN0335M MTM5N40
IRF322	NME	T03 C	400V	2.5A	150C	40WC	2/4V	-	15mm	1R8	600P	40P	RHH	IRC	MTM5N40
IRF323	NME	T03 C	350V	2.5A	150C	40WC	2/4V	-	15mm	2R5	600P	40P	RHH	IRC	ZVN0335M MTM5N40
IRF330	NME	T03 C	400V	5.5A	150C	75WC	2/4V	-	35mm	1R0	900P	80P	RHH	IRC	ZVN0340M MTM5N40
IRF330R	NME	T03 C	400V	5.5A	150C	75WC	2/4V	250µA	2.95mm	1R0	700Pt	40Pt	IHS	HRS	
IRF331	NME	T03 C	350V	5.5A	150C	75WC	2/4V	-	35mm	1R0	900P	80P	RHH	IRC	ZVN0335M MTM5N40
IRF331R	NME	T03 C	350V	5.5A	150C	75WC	2/4V	250µA	2.95mm	1R0	700Pt	40Pt	IHS	HRS	
IRF332	NME	T03 C	400V	4.5A	150C	75WC	2/4V	-	35mm	1R5	900P	80P	RHH	IRC	ZVN0340M MTM5N40
IRF332R	NME	T03 C	400V	4.5A	150C	75WC	2/4V	250µA	2.95mm	1R5	700Pt	40Pt	IHS	HRS	
IRF333	NME	T03 C	350V	4.5A	150C	75WC	2/4V	-	35mm	1R5	900P	80P	RHH	IRC	ZVN0335M MTM5N40
IRF333R	NME	T03 C	350V	4.5A	150C	75WC	2/4V	250µA	2.95mm	1R5	700Pt	40Pt	IHS	HRS	
IRF340	NME	T03 C	400V	10A	150C	125WC	2/4V	-	45mm	OR55	1N25	150P	RHH	IRC	ZV2340N1 SML4065AN
IRF340R	NME	T03 C	400V	10A	150C	125WC	2/4V	250µA	5.85mm	OR55	1N25tp	80Pt	IHS	HRS	
IRF341	NME	T03 C	350V	10A	150C	125WC	2/4V	-	45mm	OR55	1N25	150P	RHH	IRC	ZV2335N1 SML3565AN
IRF341R	NME	T03 C	350V	10A	150C	125WC	2/4V	250µA	5.85mm	OR55	1N25tp	80Pt	IHS	HRS	
IRF342	NME	T03 C	400V	8A	150C	125WC	2/4V	-	45mm	OR8	1N25	150P	RHH	IRC	ZV2340N1 SML4080AN
IRF342R	NME	T03 C	400V	8.3A	150C	125WC	2/4V	250µA	5.85mm	OR8	1N25tp	80Pt	IHS	HRS	
IRF343	NME	T03 C	350V	8A	150C	125WC	2/4V	-	45mm	OR8	1N25	150P	RHH	IRC	ZV2335N1 SML3580AN
IRF343R	NME	T03 C	350V	8.3A	150C	125WC	2/4V	250µA	5.85mm	OR8	1N25tp	80Pt	IHS	HRS	
IRF350	NME	T03 C	400V	15A	150C	150WC	2/4V	-	85mm	OR3	3N0	200P	RHH	IRC	VN0440N1 MTM14N50E
IRF350R	NME	T03 C	400V	15A	150C	150WC	2/4V	250µA	85mm	OR3	2N0tp	100Pt	IHS	HRS	
IRF351	NME	T03 C	350V	15A	150C	150WC	2/4V	-	85mm	OR3	3N0	200P	RHH	IRC	VN0435N1 MTM14N50E
IRF351R	NME	T03 C	350V	15A	150C	150WC	2/4V	250µA	85mm	OR3	2N0tp	100Pt	IHS	HRS	
IRF352	NME	T03 C	400V	13A	150C	150WC	2/4V	-	85mm	OR4	3N0	200P	RHH	IRC	VN0440N1 MTM14N50E
IRF352R	NME	T03 C	400V	13A	150C	150WC	2/4V	250µA	85mm	OR4	2N0tp	100Pt	IHS	HRS	
IRF353	NME	T03 C	350V	13A	150C	150WC	2/4V	-	85mm	OR4	3N0	200P	RHH	IRC	VN0435N1 MTM14N50E
IRF353R	NME	T03 C	350V	13A	150C	150WC	2/4V	250µA	85mm	OR4	2N0tp	100Pt	IHS	HRS	
IRF360	NME	T03 C	400V	25A	175C	300WC	2/4V	250µA	145mm	OR2	4N0tp	97Pt	IHS	IRC	SML4020AN
IRF362	NME	T03 C	400V	22A	175C	300WC	2/4V	250µA	145mm	OR25	4N0tp	97Pt	IHS	IRC	SML4025AN
IRF420	NME	T03 C	500V	2.5A	150C	40WC	2/4V	-	15mm	3R0	400P	40P	RHH	IRC	ZVN0350M MTM2N50
IRF421	NME	T03 C	450V	2.5A	150C	40WC	2/4V	-	15mm	3R0	400P	40P	RHH	IRC	ZVN0345M MTM2N50
IRF422	NME	T03 C	500V	2A	150C	40WC	2/4V	-	15mm	4R0	400P	40P	RHH	IRC	MTM2N50
IRF423	NME	T03 C	450V	2A	150C	40WC	2/4V	-	15mm	4R0	400P	40P	RHH	IRC	ZVN0345M MTM2N50
IRF430	NME	T03 C	500V	4.5A	150C	75WC	2/4V	-	2500mSmm	1R5	800P	60P	RHH	IRC	ZVN0350M
IRF430R	NME	T03 C	500V	4.5A	150C	75WC	2/4V	250µA	2.75mm	1R5	600Pt	30Pt	IHS	HRS	
IRF431	NME	T03 C	450V	4.5A	150C	75WC	2/4V	-	2500mSmm	1R5	800P	60P	RHH	IRC	ZVN0345M
IRF431R	NME	T03 C	450V	4.5A	150C	75WC	2/4V	250µA	2.75mm	1R5	600Pt	30Pt	IHS	HRS	
IRF432	NME	T03 C	500V	4A	150C	75WC	2/4V	-	2500mSmm	2R0	800P	60P	RHH	IRC	ZVN0350M
IRF432R	NME	T03 C	500V	4A	150C	75WC	2/4V	250µA	2.75mm	2R0	600Pt	30Pt	IHS	HRS	
IRF433	NME	T03 C	450V	4A	150C	75WC	2/4V	-	2500mSmm	2R0	800P	60P	RHH	IRC	ZVN0345M
IRF433R	NME	T03 C	450V	4A	150C	75WC	2/4V	250µA	2.75mm	2R0	600Pt	30Pt	IHS	HRS	
IRF440	NME	T03 C	500V	8A	150C	125WC	2/4V	-	45mm	OR85	1N6	150P	RHH	IRC	VN2350N1 MTM7N50
IRF440R	NME	T03 C	500V	8A	150C	125WC	2/4V	250µA	4.95mm	OR85	1N25tp	85Pt	IHS	HRS	
IRF441	NME	T03 C	450V	8A	150C	125WC	2/4V	-	45mm	OR85	1N6	150P	RHH	IRC	VN2345N1 MTM7N50
IRF441R	NME	T03 C	450V	8A	150C	125WC	2/4V	250µA	4.95mm	OR85	1N25tp	85Pt	IHS	HRS	