

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												
IRFP241	NME	TO247	Dd	150V	20A	150C	150WC	2/4V	250µAmx	7.3Smn	OR18	1N3tp	93P	IHS	IRC	2N7061
IRFP241R	NME	TO247	Dd	150V	20A	150C	150WC	2/4V	250µAmx	7.3Smn	OR18	1N27tp	160PtP	IHS	HRS	-
IRFP242	NME	TO247	Dd	200V	18A	150C	150WC	2/4V	250µAmx	7.3Smn	OR22	1N3tp	93P	IHS	IRC	2N7061
IRFP242R	NME	TO247	Dd	200V	18A	150C	150WC	2/4V	250µAmx	7.3Smn	OR22	1N27tp	160PtP	IHS	HRS	-
IRFP243	NME	TO247	Dd	150V	18A	150C	150WC	2/4V	250µAmx	7.3Smn	OR22	1N3tp	93P	IHS	IRC	2N7061
IRFP243R	NME	TO247	Dd	150V	18A	150C	150WC	2/4V	250µAmx	7.3Smn	OR22	1N27tp	160PtP	IHS	HRS	-
IRFP244	NME	TO247	Dd	250V	15A	150C	150WC	2/4V	250µAmx	6.7Smn	OR28	1N3tp	69PtP	IHS	IRC	-
IRFP245	NME	TO247	Dd	250V	14A	150C	150WC	2/4V	250µAmx	6.7Smn	OR34	1N3tp	69PtP	IHS	IRC	-
IRFP246	NME	TO247	Dd	275V	15A	150C	150WC	2/4V	250µAmx	6.7Smn	OR28	1N3tp	69PtP	IHS	HRS	-
IRFP247	NME	TO247	Dd	275V	14A	150C	150WC	2/4V	250µAmx	6.7Smn	OR34	1N3tp	69PtP	IHS	HRS	-
IRFP250	NME	TO247	Dd	200V	33A	150C	180WC	2/4V	250µAmx	13Smn	R085	2N6tp	150PtP	IHS	IRC	2N7055
IRFP250R	NME	TO247	Dd	200V	33A	150C	180WC	2/4V	250µAmx	13Smn	R085	2N0tp	300PtP	IHS	HRS	-
IRFP251	NME	TO247	Dd	150V	33A	150C	180WC	2/4V	250µAmx	13Smn	R085	2N6tp	150PtP	IHS	IRC	2N7055
IRFP251R	NME	TO247	Dd	150V	33A	150C	180WC	2/4V	250µAmx	13Smn	R085	2N0tp	300PtP	IHS	HRS	-
IRFP252	NME	TO247	Dd	200V	27A	150C	180WC	2/4V	250µAmx	13Smn	OR12	2N6tp	150PtP	IHS	IRC	2N7055
IRFP252R	NME	TO247	Dd	200V	27A	150C	180WC	2/4V	250µAmx	13Smn	OR12	2N0tp	300PtP	IHS	HRS	-
IRFP253	NME	TO247	Dd	150V	27A	150C	180WC	2/4V	250µAmx	13Smn	OR12	2N6tp	150PtP	IHS	IRC	2N7055
IRFP253R	NME	TO247	Dc	150V	27A	150C	180WC	2/4V	250µAmx	13Smn	OR12	2N0tp	300PtP	IHS	HRS	-
IRFP254	NME	TO247	Dd	250V	23A	150C	180WC	2/4V	250µAmx	11Smn	OR14	2N7tp	130PtP	IHS	IRC	-
IRFP255	NME	TO247	Dd	250V	21A	150C	180WC	2/4V	250µAmx	11Smn	OR17	2N7tp	130PtP	IHS	IRC	-
IRFP256	NME	TO247	Dd	275V	23A	150C	180WC	2/4V	250µAmx	11Smn	OR14	2N7tp	130PtP	IHS	HRS	-
IRFP257	NME	TO247	Dd	275V	21A	150C	180WC	2/4V	250µAmx	11Smn	OR17	2N7tp	130PtP	IHS	HRS	-
IRFP340	NME	TO247	Dd	400V	11A	150C	150WC	2/4V	250µAmx	6.1Smn	OR55	1N3tp	37PtP	IHS	IRC	2N7063
IRFP340R	NME	TO247	Dd	400V	11A	150C	150WC	2/4V	250µAmx	6.1Smn	OR55	1N25tp	80PtP	IHS	HRS	-
IRFP341	NME	TO247	Dd	350V	11A	150C	150WC	2/4V	250µAmx	6.1Smn	OR55	1N3tp	37PtP	IHS	IRC	2N7063
IRFP341R	NME	TO247	Dd	350V	11A	150C	150WC	2/4V	250µAmx	6.1Smn	OR55	1N25tp	80PtP	IHS	HRS	-
IRFP342	NME	TO247	Dd	400V	8.7A	150C	150WC	2/4V	250µAmx	6.1Smn	OR8	1N3tp	37PtP	IHS	IRC	2N7063
IRFP342R	NME	TO247	Dd	400V	8.7A	150C	150WC	2/4V	250µAmx	6.1Smn	OR8	1N25tp	80PtP	IHS	HRS	-
IRFP343	NME	TO247	Dd	350V	8.7A	150C	150WC	2/4V	250µAmx	6.1Smn	OR8	1N3tp	37PtP	IHS	IRC	2N7063
IRFP343R	NME	TO247	Dd	350V	8.7A	150C	150WC	2/4V	250µAmx	6.1Smn	OR8	1N25tp	80PtP	IHS	HRS	-
IRFP350	NME	TO247	Dd	400V	16A	150C	180WC	2/4V	250µAmx	8Smn	OR3	3N0	150P	IHS	IRC	2N7057
IRFP350FI	NME	ISO247	D	400V	10A	150C	70WC	2/4V	250µAmx	6Smn	OR3	3N0	200P	IHS	SGS	-
IRFP350R	NME	TO247	Dd	400V	16A	150C	180WC	2/4V	250µAmx	8Smn	OR3	2N0tp	100PtP	IHS	HRS	-
IRFP351	NME	TO247	Dd	350V	16A	150C	180WC	2/4V	250µAmx	8Smn	OR3	3N0	150P	IHS	IRC	2N7057
IRFP351R	NME	TO247	Dd	350V	16A	150C	180WC	2/4V	250µAmx	8Smn	OR3	2N0tp	100PtP	IHS	HRS	-
IRFP352	NME	TO247	Dd	400V	14A	150C	180WC	2/4V	250µAmx	8Smn	OR4	3N0	150P	IHS	IRC	2N7057
IRFP352R	NME	TO247	Dd	400V	14A	150C	180WC	2/4V	250µAmx	8Smn	OR4	2N0tp	100PtP	IHS	HRS	-
IRFP353	NME	TO247	Dd	350V	14A	150C	180WC	2/4V	250µAmx	8Smn	OR4	3N0	150P	IHS	IRC	2N7057
IRFP353R	NME	TO247	Dd	350V	14A	150C	180WC	2/4V	250µAmx	8Smn	OR4	2N0tp	100PtP	IHS	HRS	-
IRFP360	NME	TO247	Dd	400V	23A	150C	250WC	2/4V	250µAmx	14Smn	OR2	4N0tp	97PtP	IHS	IRC	-
IRFP362	NME	TO247	Dd	400V	20A	150C	250WC	2/4V	250µAmx	14Smn	OR25	4N0tp	97PtP	IHS	IRC	-
IRFP440	NME	TO247	Dd	500V	8.8A	150C	150WC	2/4V	250µAmx	5.3Smn	OR85	1N3tp	45PtP	IHS	IRC	2N7064
IRFP440R	NME	TO247	Dd	500V	8.8A	150C	150WC	2/4V	250µAmx	5.3Smn	OR85	1N22tp	85PtP	IHS	HRS	-
IRFP441	NME	TO247	Dd	450V	8.8A	150C	150WC	2/4V	250µAmx	5.3Smn	OR85	1N3tp	45PtP	IHS	IRC	2N7064
IRFP441R	NME	TO247	Dd	450V	8.8A	150C	150WC	2/4V	250µAmx	5.3Smn	OR85	1N22tp	85PtP	IHS	HRS	-
IRFP442	NME	TO247	Dd	500V	7.7A	150C	150WC	2/4V	250µAmx	5.3Smn	1R1	1N3tp	45PtP	IHS	IRC	2N7064
IRFP442R	NME	TO247	Dd	500V	7.7A	150C	150WC	2/4V	250µAmx	5.3Smn	1R1	1N22tp	85PtP	IHS	HRS	-
IRFP443	NME	TO247	Dd	450V	7.7A	150C	150WC	2/4V	250µAmx	5.3Smn	1R1	1N3tp	45PtP	IHS	IRC	2N7064
IRFP443R	NME	TO247	Dd	450V	7.7A	150C	150WC	2/4V	250µAmx	5.3Smn	1R1	1N22tp	85PtP	IHS	HRS	-
IRFP450	NME	TO247	Dd	500V	14A	150C	180WC	2/4V	250µAmx	9.3Smn	OR4	2N7tp	75PtP	IHS	IRC	2N7058
IRFP450FI	NME	ISO247	D	500V	9A	150C	70WC	2/4V	250µAmx	6Smn	OR4	3N0	200P	IHS	SGS	-
IRFP450R	NME	TO247	Dd	500V	14A	150C	180WC	2/4V	250µAmx	9.3Smn	OR4	2N0tp	100PtP	IHS	HRS	-
IRFP451	NME	TO247	Dd	450V	14A	150C	180WC	2/4V	250µAmx	9.3Smn	OR4	2N7tp	75PtP	IHS	IRC	2N7058
IRFP451FI	NME	ISO247	D	450V	9A	150C	70WC	2/4V	250µAmx	6Smn	OR4	3N0	200P	IHS	SGS	-
IRFP451R	NME	TO247	Dd	450V	14A	150C	180WC	2/4V	250µAmx	9.3Smn	OR4	2N0tp	100PtP	IHS	HRS	-
IRFP452	NME	TO247	Dd	500V	12A	150C	180WC	2/4V	250µAmx	9.3Smn	OR5	2N7tp	75PtP	IHS	IRC	2N7058
IRFP452R	NME	TO247	Dd	500V	12A	150C	180WC	2/4V	250µAmx	9.3Smn	OR5	2N0tp	100PtP	IHS	HRS	-
IRFP453	NME	TO247	Dd	450V	12A	150C	180WC	2/4V	250µAmx	9.3Smn	OR5	2N7tp	75PtP	IHS	IRC	2N7058
IRFP453R	NME	TO247	Dd	450V	12A	150C	180WC	2/4V	250µAmx	9.3Smn	OR5	2N0tp	100PtP	IHS	HRS	-
IRFP460	NME	TO247	Dd	500V	20A	150C	250WC	2/4V	250µAmx	13Smn	OR27	4N1tp	84PtP	IHS	IRC	-
IRFP462	NME	TO247	Dd	500V	17A	150C	250WC	2/4V	250µAmx	13Smn	OR35	4N1tp	84PtP	IHS	IRC	-
IRFP9140	PME	TO247	Dd	100V	19A	150C	150WC	2/4V	250µAmx	5.3Smn	OR2	1N2tp	160PtP	IHS	IRC	SMW20N10
IRFP9140R	PME	TO247	Dd	100V	19A	150C	150WC	2/4V	250µAmx	5.3Smn	OR2	1N2tp	160PtP	IHS	HRS	-
IRFP9141	PME	TO247	Dd	60V	19A	150C	150WC	2/4V	250µAmx	5.3Smn	OR2	1N2tp	160PtP	IHS	IRC	SMW20N10
IRFP9141R	PME	TO247	Dd	60V	19A	150C	150WC	2/4V	250µAmx	5.3Smn	OR2	1N2tp	160PtP	IHS	HRS	-
IRFP9142	PME	TO247	Dd	100V	16A	150C	150WC	2/4V	250µAmx	5.3Smn	OR3	1N2tp	160PtP	IHS	IRC	SMW20N10
IRFP9142R	PME	TO247	Dd	100V	16A	150C	150WC	2/4V	250µAmx	5.3Smn	OR3	1N2tp	160PtP	IHS	HRS	-
IRFP9143	PME	TO247	Dd	60V	16A	150C	150WC	2/4V	250µAmx	5.3Smn	OR3	1N2tp	160PtP	IHS	IRC	SMW20N10
IRFP9143R	PME	TO247	Dd	60V	16A	150C	150WC	2/4V	250µAmx	5.3Smn	OR3	1N2tp	160PtP	IHS	HRS	-
IRFP9150	PME	TO247	Dd	100V	25A	150C	150WC	2/4V	250µAmx	4Smn	OR15	2N4tp	400PtP	IHS	HRS	-
IRFP9151	PME	TO247	Dd	60V	25A	150C	150WC	2/4V	250µAmx	4Smn	OR15	2N4tp	400PtP	IHS	HRS	-
IRFP9240	PME	TO247	Dd	200V	12A	150C	150WC	2/4V	250µAmx	3.8Smn	OR5	1N4tp	140PtP	IHS	IRC	SMW12N20
IRFP9240R	PME	TO247	Dd	200V	12A	150C	150WC	2/4V	250µAmx	3.8Smn	OR5	1N4tp	140PtP	IHS	HRS	-
IRFP9241	PME	TO247	Dd	150V	12A	150C	150WC	2/4V	250µAmx	3.8Smn	OR5	1N4tp	140PtP	IHS	IRC	SMW12N20
IRFP9241R	PME	TO247	Dd	150V	12A	150C	150WC	2/4V	250µAmx	3.8Smn	OR5	1N4tp	140PtP	IHS	HRS	-