

TYPE NO	CONSTRUCTION	PACKAGE & PINOUT	V <sub>DS</sub>	I <sub>b</sub>	T <sub>J</sub>	P <sub>TOT</sub>	V <sub>GS(OFF)</sub> or V <sub>GS(TH)</sub>	I <sub>SS</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	MAX	MAX			
IRF831R	NME	T0220 Dd	450V	4.5A	150C	75WC	2/4V	250µA	2.7Smn	1R5	600Pt	20Pt	IMS	HRS	-
IRF832	NME	T0220 Dd	500V	4A	150C	75WC	2/4V	-	2500mSmn	2R0	80P	60P	RHH	IRC	ZVN0350L MTP3N50
IRF832R	NME	T0220 Dd	500V	4A	150C	75WC	2/4V	250µA	2.7Smn	2R0	600Pt	20Pt	IMS	HRS	-
IRF833	NME	T0220 Dd	450V	4A	150C	75WC	2/4V	-	2500mSmn	2R0	80P	60P	RHH	IRC	ZVN0345L MTP3N50
IRF833R	NME	T0220 Dd	450V	4A	150C	75WC	2/4V	250µA	2.7Smn	2R0	600Pt	20Pt	IMS	HRS	-
IRF840	NME	T0220 Dd	500V	8A	150C	125WC	2/4V	-	4Smn	0R85	1N6	150P	RHH	IRC	VN2350N5 MTP8N50
IRF840FI	NME	ISO220 D	500V	4.5A	150C	40WC	2/4V	250µA	4.9Smn	0R85	1N5	110P	IMS	SGS	-
IRF840R	NME	T0220 Dd	500V	8A	150C	125WC	2/4V	250µA	4.9Smn	0R85	1N225tp	85Pt	IHS	HRS	-
IRF841	NME	T0220 Dd	450V	8A	150C	125WC	2/4V	-	4Smn	0R85	1N6	150P	RHH	IRC	VN2345N5 MTP8N50
IRF841FI	NME	ISO220 D	450V	4.5A	150C	40WC	2/4V	250µA	4.9Smn	0R85	1N5	110P	IMS	SGS	-
IRF841R	NME	T0220 Dd	450V	8A	150C	125WC	2/4V	250µA	4.9Smn	0R85	1N225tp	85Pt	IHS	HRS	-
IRF842	NME	T0220 Dd	500V	7A	150C	125WC	2/4V	-	4Smn	1R1	1N6	150P	RHH	IRC	VN2350N5 MTP8N50
IRF842R	NME	T0220 Dd	500V	7A	150C	125WC	2/4V	250µA	4.9Smn	1R1	1N225tp	85Pt	IHS	HRS	-
IRF843	NME	T0220 Dd	450V	7A	150C	125WC	2/4V	-	4Smn	1R1	1N6	150P	RHH	IRC	VN2345N5 MTP8N50
IRF843R	NME	T0220 Dd	450V	7A	150C	125WC	2/4V	250µA	4.9Smn	1R1	1N225tp	85Pt	IHS	HRS	-
IRF5522	-ME	T0220 Dd	100V	12A	150C	40WC	NF5522+	PF5522	MATCHED	PAIR	-	-	MPP	IRC	-
IRF5523	-ME	T0220 Dd	60V	12A	150C	40WC	NF5523+	PF5523	MATCHED	PAIR	-	-	MPP	IRC	-
IRF5532	-ME	T0220 Dd	100V	25A	150C	75WC	NF5532+	PF5532	MATCHED	PAIR	-	-	MPP	IRC	-
IRF5533	-ME	T0220 Dd	60V	25A	150C	75WC	NF5533+	PF5533	MATCHED	PAIR	-	-	MPP	IRC	-
IRF9130	PME	T03 C	100V	12A	150C	75WC	2/4V	-	2Smn	0R3	700P	200P	RHG	IRC	ZVP1210M RFM12P10
IRF9131	PME	T03 C	60V	12A	150C	75WC	2/4V	-	2Smn	0R3	700P	200P	RHG	IRC	ZVP1206M RFM12P08
IRF9132	PME	T03 C	100V	10A	150C	75WC	2/4V	-	2Smn	0R4	700P	200P	RHG	IRC	ZVP1210M RFM8P10
IRF9133	PME	T03 C	60V	10A	150C	75WC	2/4V	-	2Smn	0R4	700P	200P	RHG	IRC	ZVP1206M RFM8P08
IRF9140	PME	T03 C	100V	19A	150C	125WC	2/4V	250µA	5Smn	0R2	1N3	400P	IHS	IRC	RFK25P10 SMM20P10
IRF9141	PME	T03 C	60V	19A	150C	125WC	2/4V	250µA	5Smn	0R2	1N3	400P	IHS	IRC	RFK25P08 SMM20P10
IRF9142	PME	T03 C	100V	15A	150C	125WC	2/4V	250µA	5Smn	0R3	1N3	400P	IHS	IRC	RFM12P10 SMM20P10
IRF9150	PME	T03 C	60V	15A	150C	125WC	2/4V	250µA	5Smn	0R3	1N3	400P	IHS	IRC	RFM12P08 SMM20P10
IRF9153	PME	T03 C	100V	25A	150C	150WC	2/4V	250µA	4Smn	0R15	2N4tp	400Pt	IHS	HRS	-
IRF9151	PME	T03 C	60V	25A	150C	150WC	2/4V	250µA	4Smn	0R15	2N4tp	400Pt	IHS	HRS	-
IRF9230	PME	T03 C	200V	6.5A	150C	75WC	2/4V	-	2200mSmn	0R8	650P	90P	RHH	IRC	VN1220N1
IRF9231	PME	T03 C	150V	6.5A	150C	75WC	2/4V	-	2200mSmn	0R8	650P	90P	RHH	IRC	VN1215N1 RFM10P15
IRF9232	PME	T03 C	200V	5.5A	150C	75WC	2/4V	-	2200mSmn	1R2	650P	90P	RHH	IRC	VN1220N1 RFM10P15
IRF9233	PME	T03 C	150V	5.5A	150C	75WC	2/4V	-	2200mSmn	1R2	650P	90P	RHH	IRC	VN1215N1 RFM5P15
IRF9240	PME	T03 C	200V	11A	150C	125WC	2/4V	250µA	4Smn	0R5	1N3	250P	IHS	IRC	SMM11P20 RFM10P15
IRF9241	PME	T03 C	150V	11A	150C	125WC	2/4V	250µA	4Smn	0R5	1N3	250P	IHS	IRC	SMM11P20 RFM10P15
IRF9242	PME	T03 C	200V	9A	150C	125WC	2/4V	250µA	4Smn	0R7	1N3	250P	IHS	IRC	RFM10P15 SMM11P20
IRF9243	PME	T03 C	150V	9A	150C	125WC	2/4V	250µA	4Smn	0R7	1N3	250P	IHS	IRC	RFM10P15 SMM11P20
IRF9510	PME	T0220 Dd	100V	3A	150C	20WC	2/4V	250µAmx	800mSmn	1R2	250P	35P	IMS	IRC	SMP3P10 RFP5P12
IRF9511	PME	T0220 Dd	60V	3A	150C	20WC	2/4V	250µAmx	800mSmn	1R2	250P	35P	IMS	IRC	RFP5P12 SMP3P10
IRF9512	PME	T0220 Dd	100V	2.5A	150C	20WC	2/4V	250µAmx	800mSmn	1R6	250P	35P	IMS	IRC	RFP5P12 SMP3P10
IRF9513	PME	T0220 Dd	60V	2.5A	150C	20WC	2/4V	250µAmx	800mSmn	1R6	250P	35P	IMS	IRC	RFD5P12 SMP3P06
IRF9520	PME	T0220 Dd	100V	6A	150C	40WC	2/4V	-	900mSmn	0R6	450P	100P	RHG	IRC	ZVP1110L RFP6P10
IRF9521	PME	T0220 Dd	60V	6A	150C	40WC	2/4V	-	900mSmn	0R6	450P	100P	RHG	IRC	ZVP1106L RFP6P08
IRF9522	PME	T0220 Dd	100V	5A	150C	40WC	2/4V	-	900mSmn	0R8	450P	100P	RHG	IRC	ZVP1110L RFP6P10
IRF9523	PME	T0220 Dd	60V	5A	150C	40WC	2/4V	-	900mSmn	0R8	450P	100P	RHG	IRC	ZVP1116L RFP6P08
IRF9530	PME	T0220 Dd	100V	12A	150C	75WC	2/4V	-	2Smn	0R3	700P	200P	RHG	IRC	ZVP1210L RFP12P10
IRF9531	PME	T0220 Dd	60V	12A	150C	75WC	2/4V	-	2Smn	0R3	700P	200P	RHG	IRC	ZVP1206L RFP12P08
IRF9532	PME	T0220 Dd	100V	10A	150C	75WC	2/4V	-	2Smn	0R4	700P	200P	RHG	IRC	ZVP1210L RFP8P10
IRF9533	PME	T0220 Dd	60V	10A	150C	75WC	2/4V	-	2Smn	0R4	700P	200P	RHG	IRC	ZVP1206L RFP8P08
IRF9540	PME	T0220 Dd	100V	19A	150C	125WC	2/4V	250µAmx	5Smn	0R2	1N3	400P	IHS	IRC	SMP20P10
IRF9541	PME	T0220 Dd	60V	19A	150C	125WC	2/4V	250µAmx	5Smn	0R2	1N3	400P	IHS	IRC	SMP20P10
IRF9542	PME	T0220 Dd	100V	15A	150C	125WC	2/4V	250µAmx	5Smn	0R3	1N3	400P	IHS	IRC	RFP12P10 SMP20P10
IRF9543	PME	T0220 Dd	60V	15A	150C	125WC	2/4V	250µAmx	5Smn	0R3	1N3	400P	IHS	IRC	RFP12P08 SMP20P10
IRF9610	PME	T03 C	200V	1.75A	150C	20WC	2/4V	-	900mSmn	3R0	300P	35P	RHH	IRC	VN1120N5 SMP2P20
IRF9611	PME	T03 C	150V	1.75A	150C	20WC	2/4V	-	900mSmn	3R0	300P	35P	RHH	IRC	VN1115N5 RFP5P15
IRF9612	PME	T03 C	200V	1.5A	150C	20WC	2/4V	-	900mSmn	4R0	300P	35P	RHH	IRC	VN1120N5 SMP2P20
IRF9613	PME	T03 C	150V	1.5A	150C	20WC	2/4V	-	900mSmn	4R0	300P	35P	RHH	IRC	VN1115N5 RFP5P15
IRF9620	PME	T0220 Dd	200V	3.5A	150C	40WC	2/4V	-	1Smn	1R5	400P	45P	RHH	IRC	VN1220N5 RFP6P08
IRF9621	PME	T0220 Dd	150V	3.5A	150C	40WC	2/4V	-	1Smn	1R5	400P	45P	RHH	IRC	VN1215N5 RFP6P08
IRF9622	PME	T0220 Dd	200V	3A	150C	40WC	2/4V	-	1Smn	2R4	400P	45P	RHH	IRC	VN1220N5 RFP6P08
IRF9623	PME	T0220 Dd	150V	3A	150C	40WC	2/4V	-	1Smn	2R4	400P	45P	RHH	IRC	VN1215N5 RFP6P08
IRF9630	PME	T0220 Dd	200V	6.5A	150C	75WC	2/4V	-	2200mSmn	0R8	650P	90P	RHH	IRC	VN1215N5 RFP6P08
IRF9631	PME	T0220 Dd	150V	6.5A	150C	75WC	2/4V	-	2200mSmn	0R8	650P	90P	RHH	IRC	VN1215N5 RFP6P08
IRF9632	PME	T0220 Dd	200V	5.5A	150C	75WC	2/4V	-	2200mSmn	1R2	650P	90P	RHH	IRC	RFP12P08
IRF9633	PME	T0220 Dd	150V	5.5A	150C	75WC	2/4V	-	2200mSmn	1R2	650P	90P	RHH	IRC	RFP12P08
IRF9640	PME	T0220 Dd	200V	11A	150C	125WC	2/4V	250µAmx	4Smn	0R5	1N3	250P	IHS	IRC	SMP11P20
IRF9641	PME	T0220 Dd	150V	11A	150C	125WC	2/4V	250µAmx	4Smn	0R5	1N3	250P	IHS	IRC	RFP10P15
IRF9642	PME	T0220 Dd	200V	9A	150C	125WC	2/4V	250µAmx	4Smn	0R7	1N3	250P	IHS	IRC	SMP11P20
IRF9643	PME	T0220 Dd	150V	9A	150C	125WC	2/4V	250µAmx	4Smn	0R7	1N3	250P	IHS	IRC	RFP10P15
IRFAC30	NME	T03 C	600V	3.6A	150C	74WC	2/4V	250µA	2.4Smn	2R2	630Pt	15P	IHS	IRC	-
IRFAC32	NME	T03 C	600V	3.2A	150C	74WC	2/4V	250µA	2.4Smn	2R7	630Pt	15P	IHS	IRC	-
IRFAC40	NME	T03 C	600V	6.2A	150C	125WC	2/4V	250µA	4.7Smn	1R2	1N3	30P	IHS	IRC	SML601R3AN
IRFAC40R	NME	T03 C	600V	6.2A	150C	125WC	2/4V	250µA	4.7Smn	1R2	1N3tp	30Pt	IHS	HRS	-
IRFAC42	NME	T03 C	600V	5.4A	150C	125WC	2/4V	250µA	4.7Smn	1R6	1N3	30P	IHS	IRC	SML601R6AN
IRFAC42R	NME	T03 C	600V	5.4A	150C	125WC	2/4V	250µA	4.7Smn	1R6	1N3tp	30Pt	IHS	HRS	