

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(OH)</sub>	G <sub>FS</sub>	R <sub>DS(ON)</sub>	C <sub>ISS</sub>	C <sub>RSS</sub>	USE	MNF	SUBSTITUTE	
															MAX	MAX
IRF831R	NME	T0220 Dd	450V	4.5A	150C	75WC	2/4V	250µA	2.7Smm	1R5	600Ptp	20Ptp	IMS	HRS	-	-
IRF832	NME	T0220 Dd	500V	4A	150C	75WC	2/4V	250µA	2500mSmm	2R0	800P	60P	RHH	IRC	ZVN0350L	MTP3N50
IRF832R	NME	T0220 Dd	500V	4A	150C	75WC	2/4V	250µA	2.7Smm	2R0	600Ptp	20Ptp	IMS	HRS	-	-
IRF833	NME	T0220 Dd	450V	4A	150C	75WC	2/4V	250µA	2500mSmm	2R0	800P	60P	RHH	IRC	ZVN0345L	MTP3N50
IRF833R	NME	T0220 Dd	450V	4A	150C	75WC	2/4V	250µA	2.7Smm	2R0	600Ptp	20Ptp	IMS	HRS	-	-
IRF840	NME	T0220 Dd	500V	8A	150C	125WC	2/4V	250µA	4Smm	0R85	1N6	150P	RHH	IRC	VN2350N5	MTP8N50
IRF840FI	NME	ISO220 D	500V	4.5A	150C	40WC	2/4V	250µA	4.9Smm	0R85	1N5	110P	IMS	SGS	-	-
IRF840R	NME	T0220 Dd	500V	8A	150C	125WC	2/4V	250µA	4.9Smm	0R85	1N225tp	85Ptp	IHS	HRS	-	-
IRF841	NME	T0220 Dd	450V	8A	150C	125WC	2/4V	250µA	4Smm	0R85	1N6	150P	RHH	IRC	VN2345N5	MTP8N50
IRF841FI	NME	ISO220 D	450V	4.5A	150C	40WC	2/4V	250µA	4.9Smm	0R85	1N5	110P	IMS	SGS	-	-
IRF841R	NME	T0220 Dd	450V	8A	150C	125WC	2/4V	250µA	4.9Smm	0R85	1N225tp	85Ptp	IHS	HRS	-	-
IRF842	NME	T0220 Dd	500V	7A	150C	125WC	2/4V	250µA	4Smm	1R1	1N6	150P	RHH	IRC	VN2350N5	MTP8N50
IRF842R	NME	T0220 Dd	500V	7A	150C	125WC	2/4V	250µA	4.9Smm	1R1	1N225tp	85Ptp	IHS	HRS	-	-
IRF843	NME	T0220 Dd	450V	7A	150C	125WC	2/4V	250µA	4Smm	1R1	1N6	150P	RHH	IRC	VN2345N5	MTP8N50
IRF843R	NME	T0220 Dd	450V	7A	150C	125WC	2/4V	250µA	4.9Smm	1R1	1N225tp	85Ptp	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	-	2Smm	0R3	700P	200P	RHG	IRC	ZVP1210M	RFM12P10
IRF9131	PME	T03 C	60V	12A	150C	75WC	2/4V	-	2Smm	0R3	700P	200P	RHG	IRC	ZVP1206M	RFM12P08
IRF9132	PME	T03 C	100V	10A	150C	75WC	2/4V	-	2Smm	0R4	700P	200P	RHG	IRC	ZVP1210M	RFM8P10
IRF9133	PME	T03 C	60V	10A	150C	75WC	2/4V	-	2Smm	0R4	700P	200P	RHG	IRC	ZVP1206M	RFM8P08
IRF9140	PME	T03 C	100V	19A	150C	125WC	2/4V	250µA	5Smm	0R2	1N3	400P	IHS	IRC	RFK25P10	SMM20P10
IRF9141	PME	T03 C	60V	19A	150C	125WC	2/4V	250µA	5Smm	0R2	1N3	400P	IHS	IRC	RFK25P08	SMM20P10
IRF9142	PME	T03 C	100V	15A	150C	125WC	2/4V	250µA	5Smm	0R3	1N3	400P	IHS	IRC	RFM12P10	SMM20P10
IRF9143	PME	T03 C	60V	15A	150C	125WC	2/4V	250µA	5Smm	0R3	1N3	400P	IHS	IRC	RFM12P08	SMM20P10
IRF9150	PME	T03 C	100V	25A	150C	150WC	2/4V	250µA	4Smm	0R15	2N4tp	400Ptp	IHS	HRS	-	-
IRF9151	PME	T03 C	60V	25A	150C	150WC	2/4V	250µA	4Smm	0R15	2N4tp	400Ptp	IHS	HRS	-	-
IRF9230	PME	T03 C	200V	6.5A	150C	75WC	2/4V	-	2200mSmm	0R8	650P	90P	RHH	IRC	VN1220N1	-
IRF9231	PME	T03 C	150V	6.5A	150C	75WC	2/4V	-	2200mSmm	0R8	650P	90P	RHH	IRC	VN1215N1	RFM10P15
IRF9232	PME	T03 C	200V	5.5A	150C	75WC	2/4V	-	2200mSmm	1R2	650P	90P	RHH	IRC	VN1220N1	RFM8P10
IRF9233	PME	T03 C	150V	5.5A	150C	75WC	2/4V	-	2200mSmm	1R2	650P	90P	RHH	IRC	VN1215N1	RFM5P15
IRF9240	PME	T03 C	200V	11A	150C	125WC	2/4V	250µA	4Smm	0R5	1N3	250P	IHS	IRC	SMM11P20	RFM10P15
IRF9241	PME	T03 C	150V	11A	150C	125WC	2/4V	250µA	4Smm	0R5	1N3	250P	IHS	IRC	SMM11P20	RFM10P15
IRF9242	PME	T03 C	200V	9A	150C	125WC	2/4V	250µA	4Smm	0R7	1N3	250P	IHS	IRC	RFM10P15	SMM11P20
IRF9243	PME	T03 C	150V	9A	150C	125WC	2/4V	250µA	4Smm	0R7	1N3	250P	IHS	IRC	RFM10P15	SMM11P20
IRF9510	PME	T0220 Dd	100V	3A	150C	20WC	2/4V	250µAmx	800mSmm	1R2	250P	35P	IMS	IRC	SMM9P15	SMP3P10
IRF9511	PME	T0220 Dd	60V	3A	150C	20WC	2/4V	250µAmx	800mSmm	1R2	250P	35P	IMS	IRC	RFP5P12	SMP3P10
IRF9512	PME	T0220 Dd	100V	2.5A	150C	20WC	2/4V	250µAmx	800mSmm	1R6	250P	35P	IMS	IRC	RFP5P12	SMP3P10
IRF9513	PME	T0220 Dd	60V	2.5A	150C	20WC	2/4V	250µAmx	800mSmm	1R6	250P	35P	IMS	IRC	RFD5P12	SMP3P06
IRF9520	PME	T0220 Dd	100V	6A	150C	40WC	2/4V	-	900mSmm	0R6	450P	100P	RHG	IRC	ZVP1110L	RFP6P10
IRF9521	PME	T0220 Dd	60V	6A	150C	40WC	2/4V	-	900mSmm	0R6	450P	100P	RHG	IRC	ZVP1106L	RFP6P08
IRF9522	PME	T0220 Dd	100V	5A	150C	40WC	2/4V	-	900mSmm	0R8	450P	100P	RHG	IRC	ZVP1110L	RFP6P10
IRF9523	PME	T0220 Dd	60V	5A	150C	40WC	2/4V	-	900mSmm	0R8	450P	100P	RHG	IRC	ZVP1116L	RFP6P08
IRF9530	PME	T0220 Dd	100V	12A	150C	75WC	2/4V	-	2Smm	0R3	700P	200P	RHG	IRC	ZVP1210L	RFP12P10
IRF9531	PME	T0220 Dd	60V	12A	150C	75WC	2/4V	-	2Smm	0R3	700P	200P	RHG	IRC	ZVP1206L	RFP12P08
IRF9532	PME	T0220 Dd	100V	10A	150C	75WC	2/4V	-	2Smm	0R4	700P	200P	RHG	IRC	ZVP1210L	RFP8P10
IRF9533	PME	T0220 Dd	60V	10A	150C	75WC	2/4V	-	2Smm	0R4	700P	200P	RHG	IRC	ZVP1206L	RFP8P08
IRF9540	PME	T0220 Dd	100V	19A	150C	125WC	2/4V	250µAmx	5Smm	0R2	1N3	400P	IHS	IRC	SMP20P10	-
IRF9541	PME	T0220 Dd	60V	19A	150C	125WC	2/4V	250µAmx	5Smm	0R2	1N3	400P	IHS	IRC	SMP20P10	-
IRF9542	PME	T0220 Dd	100V	15A	150C	125WC	2/4V	250µAmx	5Smm	0R3	1N3	400P	IHS	IRC	RFP12P10	SMP20P10
IRF9543	PME	T0220 Dd	60V	15A	150C	125WC	2/4V	250µAmx	5Smm	0R3	1N3	400P	IHS	IRC	RFP12P08	SMP20P10
IRF9610	PME	T03 C	200V	1.75A	150C	20WC	2/4V	-	900mSmm	3R0	300P	35P	RHH	IRC	VN1120N5	SMP2P20
IRF9611	PME	T03 C	150V	1.75A	150C	20WC	2/4V	-	900mSmm	3R0	300P	35P	RHH	IRC	VN1115N5	RFP5P15
IRF9612	PME	T03 C	200V	1.5A	150C	20WC	2/4V	-	900mSmm	4R0	300P	35P	RHH	IRC	VN1120N5	SMP2P20
IRF9613	PME	T03 C	150V	1.5A	150C	20WC	2/4V	-	900mSmm	4R0	300P	35P	RHH	IRC	VN1115N5	RFP5P15
IRF9620	PME	T0220 Dd	200V	3.5A	150C	40WC	2/4V	-	1Smm	1R5	400P	45P	RHH	IRC	VN1220N5	-
IRF9621	PME	T0220 Dd	150V	3.5A	150C	40WC	2/4V	-	1Smm	1R5	400P	45P	RHH	IRC	VN1215N5	RFP6P08
IRF9622	PME	T0220 Dd	200V	3A	150C	40WC	2/4V	-	1Smm	2R4	400P	45P	RHH	IRC	VN1220N5	-
IRF9623	PME	T0220 Dd	150V	3A	150C	40WC	2/4V	-	1Smm	2R4	400P	45P	RHH	IRC	VN1215N5	RFP6P08
IRF9630	PME	T0220 Dd	200V	6.5A	150C	75WC	2/4V	-	2200mSmm	0R8	650P	90P	RHH	IRC	-	-
IRF9631	PME	T0220 Dd	150V	6.5A	150C	75WC	2/4V	-	2200mSmm	0R8	650P	90P	RHH	IRC	RFP12P08	-
IRF9632	PME	T0220 Dd	200V	5.5A	150C	75WC	2/4V	-	2200mSmm	1R2	650P	90P	RHH	IRC	-	-
IRF9633	PME	T0220 Dd	150V	5.5A	150C	75WC	2/4V	-	2200mSmm	1R2	650P	90P	RHH	IRC	RFP12P08	-
IRF9640	PME	T0220 Dd	200V	11A	150C	125WC	2/4V	250µAmx	4Smm	0R5	1N3	250P	IHS	IRC	SMP11P20	-
IRF9641	PME	T0220 Dd	150V	11A	150C	125WC	2/4V	250µAmx	4Smm	0R5	1N3	250P	IHS	IRC	RFP10P15	-
IRF9642	PME	T0220 Dd	200V	9A	150C	125WC	2/4V	250µAmx	4Smm	0R7	1N3	250P	IHS	IRC	SMP11P20	-
IRF9643	PME	T0220 Dd	150V	9A	150C	125WC	2/4V	250µAmx	4Smm	0R7	1N3	250P	IHS	IRC	RFP10P15	-
IRFAC30	NME	T03 C	600V	3.6A	150C	74WC	2/4V	250µA	2.4Smm	2R2	630Ptp	15P	IHS	IRC	-	-
IRFAC32	NME	T03 C	600V	3.2A	150C	74WC	2/4V	250µA	2.4Smm	2R7	630Ptp	15P	IHS	IRC	-	-
IRFAC40	NME	T03 C	600V	6.2A	150C	125WC	2/4V	250µA	4.7Smm	1R2	1N3	30P	IHS	IRC	SML601R3AN	-
IRFAC40R	NME	T03														