

International
IR Rectifier
HEXFET Power MOSFETs
 Plastic Insertable Package

TO-220 N-Channel

Part Number	V _{GS} Drain Source Voltage (Volts)	R _{DS(on)} On-State Resistance (Ohms)	I _D Continuous Drain Current 25°C Case (Amps)	I _{DM} Pulse Drain Current (Amps)	P _D Max Power Dissipation (Watts)	Case Outline Number (2)	Notes	Case Style
IRF712	400	5.0	1.7	4.3	36	H5	(1)	TO-220AB
IRF710		3.6	2.0	5.0	36			
IRF722		2.5	2.8	11	50			
IRF720		1.8	3.3	13	50			
IRF732		1.5	4.5	16	74			
IRF730		1.0	5.5	20	74			
IRF742		0.80	8.3	33	125			
IRF740		0.55	10	40	125			
IRF823	450	4.0	2.0	7.0	50			
IRF821		3.0	2.5	8.0	50			
IRF833		2.0	4.0	13	74			
IRF831		1.5	4.5	15	74			
IRF843		1.1	7.0	28	125			
IRF841		0.85	8.0	32	125			
IRF822	500	4.0	2.0	7.0	50			
IRF820		3.0	2.5	8.0	50			
IRF832		2.0	4.0	13	74			
IRF830		1.5	4.5	15	74			
IRF842		1.1	7.0	28	125			
IRF840		0.85	8.0	32	125			
IRFBC20	600	4.4	2.2	6.8	50			
IRFBC32		2.7	3.2	12	74			
IRFBC30		2.2	3.6	14	74			
IRFBC42		1.6	5.5	22	125			
IRFBC40		1.2	6.2	25	125			
IRFBE22	800	7.8	1.6	6.4	50			
IRFBE20		6.5	1.8	7.2	50			
IRFBE32		3.8	2.8	11	74			
IRFBE30		3.2	3.1	12	74			
IRFBF22	900	9.6	1.5	6	50			
IRFBF20		8.0	1.6	6.4	50			
IRFBF32		4.8	2.5	10	74			
IRFBF30		4.0	2.8	11	74			
IRFBG22	1000	13.8	1.2	4.8	50			
IRFBG20		11.5	1.3	5.2	50			
IRFBG32		6.7	2.1	8.4	74			
IRFBG30		5.6	2.3	9.2	74			


TO-220 P-Channel

IRF9Z12	-50	0.70	-4.0	-16	20	H5	(1)	TO-220AB
IRF9Z10		0.50	-4.7	-19	20			
IRF9Z22		0.33	-8.9	-36	40			
IRF9Z20		0.28	-9.7	-39	40			
IRF9Z32		0.21	-15	-50	74			
IRF9Z30		0.14	-18	-60	74			
IRF9Z14	-60	0.50	-4.7	-19	20			
IRF9Z24		0.28	-9.7	-39	40			
IRF9Z34		0.14	-18	-72	88			
IRF9513	-80	1.6	-2.5	-10	20			
IRF9511		1.2	-3	-12	20			
IRF9523		0.80	-5.9	-24	60			
IRF9521		0.60	-6.8	-27	60			
IRF9533		0.40	-10	-40	88			
IRF9531		0.30	-12	-48	88			
IRF9543		0.30	-16	-64	150			
IRF9541		0.20	-19	-76	150			



(1) For lead formed options see rear of section (2) For case outline drawing see rear of section