

Part Number	$V_{(BR)DSS}$ Drain-to-Source Breakdown Voltage (V)	$R_{DS(on)}$ On-State Resistance (Ω)	I_D Continuous Drain Current 25°C (A)	I_D Continuous Drain Current 100° (A)	$R_{\theta JA}$ Max. Thermal Resistance (°C/W)	P_D Max. Power Dissipation (W)	Fax on Demand Number	Case Outline Key
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Through-Hole Packages

TO-220 FullPak (Fully Isolated)

IRFI730G	400	1.0	3.7	2.3	3.6	32	90650	H9
IRFI740G	400	0.55	5.4	3.4	3.1	40	90651	
IRFI734G	450	1.2	3.4	2.1	3.6	35	91001	
IRFI744G	450	0.63	4.9	3.1	3.1	40	91002	
IRFI820G	500	3.0	2.1	1.3	4.1	30	90641	
IRFI830G	500	1.5	3.1	2	3.6	32	90646	
IRFI840G	500	0.85	4.6	2.9	3.1	40	90642	
IRFIBC20G	600	4.4	1.7	1.1	4.1	30	90850	
IRFIBC30G	600	2.2	2.5	1.6	3.6	35	90851	
IRFIBC40G	600	1.2	3.5	2.2	3.1	40	90852	
IRFIBE20G	800	6.5	1.4	.86	4.1	30	90853	
IRFIBE30G	800	3.0	2.1	1.4	3.6	35	90854	
IRFIBF20G	900	8.0	1.2	.79	4.1	30	90855	
IRFIBF30G	900	3.7	1.9	1.2	3.6	35	90856	

P-Channel

IRFI9Z24N	-55	0.175	-9.5	-6.7	5.2	29	91529	H9
IRFI9Z34N	-55	0.10	-14	-10	4.1	37	91530	
IRFI4905	-55	0.02	-41	-29	2.4	63	91526	
IRFI9540G	-100	0.117	-13	-9.2	3.6	42	90837	
IRFI9540N	-100	0.117	-13	-9.2	3.6	42	91487	
IRFI5210	-100	0.06	-20	-14	3.1	48	91404	
IRFI9634G	-250	1.0	-4.1	-2.6	3.6	35	91488	

** Not rated

HEXDIP

I-Pak

TO-262

TO-220AB

TO-220 FullPak

TO-247

Illustrations not to scale

