

International
IR Rectifier
HEXFET Power MOSFETs
 Plastic Insertable Package

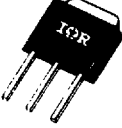
HEXDIP N-Channel

Part Number	V _{DS} 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 (1)	Notes	Case Style
IRFD015 IRFD014 IRFD025 IRFD024	60	0.30 0.20 0.12 0.10	1.4 1.7 2.2 2.4	11 14 18 19	1.0	H4		HD-1 SIMILAR to MO-001AN 
IRFD123 IRFD113 IRFD123	80	3.2 0.80 0.40	0.4 0.71 1.1	3.2 6.9 8.8	1.0 1.3 1.3			
IRFD120 IRFD110 IRFD120	100	3.2 0.60 0.30	0.4 1.0 1.3	3.2 8 10	1.0 1.3 1.3			
IRFD213 IRFD223	150	2.4 1.2	0.45 0.65	1.8 5.2	1.0			
IRFD210 IRFD220	200	1.5 0.8	0.60	2.5 0.8	1.0 6.4			

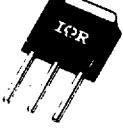
HEXDIP P-Channel

IRFD9014 IRFD9024	-60	0.50 0.28	-1.1 -1.6	-8.8 -13	1.0	H4		HD-1 SIMILAR to MO-001AN 
IRFD9113 IRFD9123	-80	1.6 0.80	-0.60 -0.86	-2.5 -6.9	1.0 1.25			
IRFD9110 IRFD9120	-100	1.2 0.60	-0.7 -1.0	-3.0 -8.0	1.0 1.25			
IRFD9213 IRFD9223	-150	4.5 2.4	-0.30 -0.45	-1.2 -3.6	1.0			
IRFD9210 IRFD9220	-200	3.0 1.5	-0.40 -0.60	-1.6 -4.8				

TO-251 N-Channel

IRFU012 IRFU010 IRFU022 IRFU020	50	0.30 0.20 0.12 0.10	6.7 8.2 14 15	27 33 56 60	25 25 42 42	H2		TO-251AA I-PAK 
IRFU024 IRFU014	60	0.10 0.020	16 8.4	64 34	40 20			
IRFU111 IRFU121	80	0.54 0.27	4.7 8.4	17 34	30 50			
IRFU110 IRFU120	100	0.54 0.27	4.7 8.4	17 34	30 50			
IRFU212 IRFU210 IRFU222 IRFU220	200	2.4 1.5 1.2 0.80	2.1 2.7 3.9 4.8	8.4 11 16 19	25 25 42 42			
IRFU214 IRFU224	250	2.0 1.1	2.2 4.0	8.8 16	20 40			
IRFU310 IRFU320	400	3.6 1.8	1.7 3.1	4.3 12	25 42			
IRFU420	500	3.0	2.4	7.7	42			
IRFUC20	600	4.4	2.0	8.0	42			

TO-251 P-Channel

IRFU9012 IRFU9010 IRFU9022 IRFU9020	-50	0.70 0.50 0.30 0.28	-4.5 -5.3 -9.0 -9.9	-18 -21 -36 -40	25 25 42 42	H2		TO-251AA I-Pak 
IRFU9014 IRFU9024	-60	0.50 0.28	-5.3 -9.9	-21 -40	25 42			
IRFU9111 IRFU9121	-80	1.20 0.60	-3.2 -5.9	-13 -24	25 42			
IRFU9110 IRFU9120	-100	1.20 0.60	-3.2 -5.9	-13 -24	25 42			
IRFU9212 IRFU9210 IRFU9222 IRFU9220	-200	4.50 3.00 2.40 1.50	-1.6 -2.0 -2.8 -3.6	-6.4 -8.0 -11 -14	25 25 42 42			

(1) For case outline drawing see rear of section