

INTERNATIONAL RECTIFIER 26E D ■ 4855452 0010185 7 ■ T-39-01

Government/ Space Products

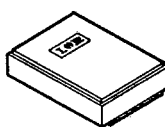
Power MOSFETS High Reliability

**International
IOR Rectifier**

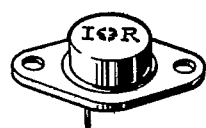
Logic Level — N-Channel

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 (2)	Notes	Case Style
IRLF110 IRLF120 IRLF130	100	0.60 0.35 0.20	3.5 5.3 8	14 21 33	15 20 25	H13		TO-205AF TO-39 

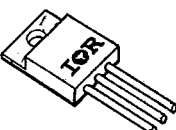
Surface Mount Device — N-Channel

IRFE130	100	0.18	5.0	20	10	H22		LCC 
IRFN054 IRFN150 IRFN250 IRFN350 IRFN450	60 100 200 400 500	0.014 0.055 0.085 0.30 0.42	54 26 20 11 8.6	218 104 80 44 37	75	H21		SMD-1 

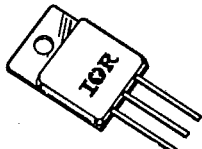
Hermetic Package — N-Channel

IRFJ120 IRFJ130 IRFJ140	100	0.3 0.18 0.085	8 12 15	32 40 60	40 50 70	H16		TO-213AA TO-66 
IRFJ220 IRFJ230 IRFJ240	200	0.8 0.4 0.18	5 8 13	20 32 52	40 50 70			
IRFJ320 IRFJ330 IRFJ340	400	1.8 1.0 0.55	3 4.5 7.5	12 18 30	40 50 70			
IRFJ420 IRFJ430 IRFJ440	500	3.0 1.5 0.85	2.5 3.8 6	10 15 24	40 50 70			

Y-PAK — N-Channel

						H23	TO-257 Y-PAK	
IRFY120(M)	100	0.31	7.4	29.2	30			
IRFY130(M)	100	0.19	10.8	43.2	45			
IRFY140(M)	100	0.092	18.4	73.6	60			
IRFY240(M)	200	0.19	12.4	49.6	60			
IRFY340(M)	400	0.55	6.9	27.6	60			
IRFY430(M)	500	1.50	3.5	14	45			
IRFY440(M)	500	0.85	5.5	22	60			
P-Channel								
IRFY9120(M)	-100	0.60	-5.3	-21.2	30			
IRFY9130(M)		0.31	-9.3	-37.2	45			

M-PAK — N-Channel

N-Channel						H19	(1)	TO-254AA M-PAK	
IRFM044	60	0.04	25	210	150				
IRFM054	60	0.022	25	150	150				
IRFM140	100	0.100	25	110	150				
IRFM150	100	0.065	25	160	150				
IRFM240	200	0.200	18	72	125				
IRFM250	200	0.100	25	100	150				
IRFM340	400	0.56	8.5	40	125				
IRFM350	400	0.31	15	60	150				
IRFM440	500	0.86	8	32	125				
IRFM450	500	0.42	13	52	150				
P-Channel									
IRFM9130	-100	0.31	-11.5	-48	75				
IRFM9140	-100	0.21	-17.3	-69	125				
IRFM9230	-200	0.81	-6.5	-26	75				
IRFM9240	-200	0.51	-10.7	-43	125				

(1) PACKAGES CONTAINING BERYLLIA SHALL NOT BE GROUND, SANDBLASTED, MACHINED, OR HAVE OTHER OPERATIONS PERFORMED ON THEM WHICH WILL PRODUCE BERYLLIA OR BERYLLIUM DUST. FURTHERMORE, BERYLLIUM OXIDE PACKAGES SHALL NOT BE PLACED IN ACIDS THAT WILL PRODUCE FUMES CONTAINING BERYLLIUM.

(2) FOR CASE OUTLINE DRAWING SEE PAGE 136.