
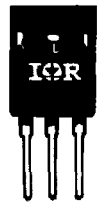


**TO-220 P-Channel**

Part Number	V <sub>DS</sub> Drain Source Voltage (Volts)	R <sub>DS(on)</sub> On-State Resistance (Ohms)	I <sub>D</sub> Continuous Drain Current 25°C Case (Amps)	I <sub>DM</sub> Pulse Drain Current (Amps)	P <sub>D</sub> Max Power Dissipation (Watts)	Case Outline Number (2)	Notes	Case Style
IRF9512	-100	1.6	-2.5	-10	20	<b>H5</b>	(1)	<b>TO-220AB</b> 
IRF9510		1.2	-3.0	-12	20			
IRF9522		0.80	-5.9	-24	60			
IRF9520		0.60	-6.8	-27	60			
IRF9532		0.40	-10	-40	88			
IRF9530		0.30	-12	-48	88			
IRF9542		0.30	-16	-64	150			
IRF9540	0.20	-19	-76	150				
IRF9613	-150	4.5	-1.5	-6.0	20			
IRF9611		3.0	-1.75	-7.0	20			
IRF9623		2.4	-3.0	-12	40			
IRF9621		1.5	-3.5	-14	40			
IRF9633		1.2	-5.5	-22	75			
IRF9631		0.80	-6.5	-26	75			
IRF9643		0.70	-9.0	-36	125			
IRF9641	0.50	-11	-44	125				
IRF9612	-200	4.5	-1.5	-6.0	20			
IRF9610		3.0	-1.75	-7.0	20			
IRF9622		2.4	-3.0	-12	40			
IRF9620		1.5	-3.5	-14	40			
IRF9632		1.2	-5.5	-22	75			
IRF9630		0.80	-6.5	-26	75			
IRF9642		0.70	-9.0	-36	125			
IRF9640	0.50	-11	-44	125				

**TO-247 N-Channel**

IRFP042	50	0.035	50	200	180	<b>H7</b>	(1)	<b>TO-247AC TO-3P</b> 
IRFP040		0.028	56	224	180			
IRFP045	60	0.035	57	228	180			
IRFP044		0.028	57	228	180			
IRFP054		0.014	70	280	210			
IRFP143	80	0.099	27	110	180			
IRFP141		0.080	31	120				
IRFP153		0.077	34	140				
IRFP151		0.055	40	160				
IRFP142	100	0.099	27	110	180			
IRFP140		0.080	31	120				
IRFP152		0.077	34	140				
IRFP150		0.055	40	160				
IRFP243	150	0.22	18	72	150			
IRFP241		0.18	20	80				
IRFP253		0.12	27	110				
IRFP251		0.085	33	130				
IRFP242	200	0.22	18	72	150			
IRFP240		0.18	20	80				
IRFP252		0.12	27	110				
IRFP250		0.085	33	130				
IRFP245	250	0.34	14	56	150			
IRFP244		0.28	15	60				
IRFP255		0.17	20	80				
IRFP254		0.14	23	92				
IRFP343	350	0.80	8.7	35	150			
IRFP341		0.55	11	44				
IRFP353		0.40	14	56				
IRFP351		0.30	16	64				

(1) For lead formed options see page 137.

(2) For case outline drawing see page 136.