

N-Channel Power MOSFETs

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Type No.	Case Style	Pd (W) Tc = 25°C	VDS (V) Min	ID @ Tc = 25°C (A)	ID @ Tc = 100°C (A)	VGS(th) (V) Min Max	ID @ (mA) @ Max	RDS(on) (Ω) @ Max	ID (A) @ Max	Cg (nC) Max	Ciss (pF)		Coss (pF)		Proc. No.
											Min	Max	Min	Max	
IRF510	TO-220 (37)	20	100	4	2.5	2 4	0.25	0.6	2	7.5	200	100	30	A1	
IRF511	TO-220 (37)	20	60	4	2.5	2 4	0.25	0.6	2	7.5	200	100	30	A1	
IRF512	TO-220 (37)	20	100	3.5	2	2 4	0.25	0.8	2	7.5	200	100	30	A1	
IRF513	TO-220 (37)	20	60	3.5	2	2 4	0.25	0.8	2	7.5	200	100	30	A1	
MTP4N08	TO-220 (37)	50	80	5	3.5	2 4.5	1	0.8	2	7.5	200	100	30	A1	
MTP4N10	TO-220 (37)	50	100	5	3.5	2 4.5	1	0.8	2	7.5	200	100	30	A1	
IRF610	TO-220 (37)	20	200	2.5	1.5	2 4	0.25	1.5	1	7.5	200	80	25	A2	
IRF611	TO-220 (37)	20	150	2.5	1.5	2 4	0.25	1.5	1	7.5	200	80	25	A2	
IRF612	TO-220 (37)	20	200	2.0	1.25	2 4	0.25	2.4	1	7.5	200	80	25	A2	
IRF613	TO-220 (37)	20	150	2.0	1.25	2 4	0.25	2.4	1	7.5	200	80	25	A2	
MTP2N18	TO-220 (37)	50	180	3.25	2.25	2 4.5	1	1.8	1	7.5	200	80	25	A2	
MTP2N20	TO-220 (37)	50	200	3.25	2.25	2 4.5	1	1.8	1	7.5	200	80	25	A2	
IRF710	TO-220 (37)	20	400	1.5	1	2 4	0.25	3.6	0.8	7.5	200	50	15	A3	
IRF711	TO-220 (37)	20	350	1.5	1	2 4	0.25	3.6	0.8	7.5	200	50	15	A3	

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