

N-Channel Power MOSFETs



COOLFETs™

Type No.	Case Style	P _D (W) T _C = 25°C	V _{DS} (V) Min	I _D @ T _C = 25°C (A)	I _D @ T _C = 100°C (A)	V _{GS(on)} (V) Min Max	I _D (mA) @ Max	R _{DS(on)} (Ω) @ Max	I _D (A) @ Max	Q _g (nC) Max	C _{iss} (pF) Min Max	C _{oss} (pF) Min Max	C _{rss} (pF) Min Max	Proc. No.
IRF520CF	TO-220 (37)	40	100	9.1	5.8	2 4	0.25	0.24	4	15	600	400	100	B2
IRF620CF	TO-220 (37)	40	200	5.6	3.5	2 4	0.25	0.64	2.5	15	600	300	80	B3
IRF720CF	TO-220 (37)	40	400	3.35	2.15	2 4	0.25	1.44	1.5	15	500	100	40	B4
IRF820CF	TO-220 (37)	40	500	2.8	1.75	2 4	0.25	2.4	1	15	400	100	40	B5
IRF530CF	TO-220 (37)	75	100	16	10	2 4	0.25	0.144	8	30	800	500	150	C1
IRF630CF	TO-220 (37)	75	200	10	8.5	2 4	0.25	0.32	5	30	800	450	150	C2
IRF730CF	TO-220 (37)	75	400	6.2	3.9	2 4	0.25	0.8	3	30	900	300	80	C3
IRF830CF	TO-200 (37)	75	500	5	3.2	2 4	0.25	1.2	2.5	30	800	200	60	C4
IRFP140CF	TO-3P (40)	150	100	33	21	2 4	0.25	0.068	15	60	1600	800	300	E1
IRFP141CF	TO-3P (40)	150	60	33	21	2 4	0.25	0.068	15	60	1600	800	300	E1
IRF540CF	TO-220 (37)	125	100	30	19	2 4	0.25	0.068	15	60	1600	800	300	E1

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