

**N-Channel Power MOSFETs**

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) @ (A)	Rds(on) (Ω) Max	Id (A)	Qg (nC) Max	Ciss (pF)		Coss (pF)		Crrs (pF) Max	Proc. No.
											Min	Max	Min	Max		
IRFP251	TO-3P (40)	175	150	32	20	2 4	0.25	0.085	16	120	3000	1200	500	F2		
IRF252	TO-204AE (43)	150	200	25	15	2 4	0.25	0.12	16	120	3000	1200	500	F2		
IRF253	TO-204AE (43)	150	150	25	15	2 4	0.25	0.12	16	120	3000	1200	500	F2		
2N6767	TO-204AA (42)	150	350	12	7.75	2 4	1	0.4	7.75	120 (Note 1)	1000	600	200	F3		
2N6768	TO-204AA (42)	150	400	14	9	2 4	1	0.3	9	120 (Note 1)	1000	600	200	F3		
IRF350	TO-204AA (42)	150	400	15	10	2 4	0.25	0.3	8	120 (Note 1)	3000	600	200	F3		
IRFP350	TO-3P (40)	175	400	17	11	2 4	0.25	0.3	8	120	3000	600	200	F3		
IRF351	TO-204AA (42)	150	350	15	10	2 4	0.25	0.3	8	120	3000	600	200	F3		
IRFP351	TO-3P (40)	175	350	17	11	2 4	0.25	0.3	8	120	3000	600	200	F3		
IRF352	TO-204AA (42)	150	400	13	8.5	2 4	0.25	0.4	8	120	3000	600	200	F3		
IRF353	TO-204AA (42)	150	350	13	8.5	2 4	0.25	0.4	8	120	3000	600	200	F3		
2N6769	TO-204AA (42)	150	450	11	7	2 4	1	0.5	7	120 (Note 1)	1000	200	50	F4		
2N6770	TO-204AA (42)	150	500	12	7.75	2 4	1	0.4	7.75	120 (Note 1)	1000	200	50	F4		
IRF450	TO-204AA (42)	150	500	13	8.5	2 4	0.25	0.4	7	120	3000	600	200	F4		
IRFP450	TO-3P (40)	175	500	15	9.5	2 4	0.25	0.4	7	120	3000	600	200	F4		
IRF451	TO-204AA (42)	150	450	13	8.5	2 4	0.25	0.4	7	120	3000	600	200	F4		
IRFP451	TO-3P (40)	175	450	15	9.5	2 4	0.25	0.4	7	120	3000	600	200	F4		
IRF452	TO-204AA (42)	150	500	12	7.5	2 4	0.25	0.5	7	120	3000	600	200	F4		
IRF453	TO-204AA (42)	150	450	12	7.5	2 4	0.25	0.5	7	120	3000	600	200	F4		

T-39-01

Note 1: Non-JEDEC registered value.

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