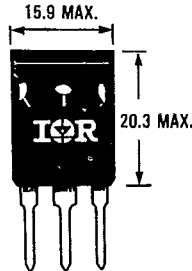



TO-247 Package
N-CHANNEL

INTERNATIONAL RECTIFIER

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T-39-03

Types	V _{DS} V	R _{DS(ON)} (max) Ω	I _D cont T _C = 25°C A	I _{DM} pulsed A	P _D max W	Bulletin	Case Style
IRFP054 IRFP044 IRFP045	60	0.014 0.028 0.035	70.0* 57.0* 57.0*	264 230 200	180 180 180	PD-9.544 PD-9.583 PD-9.583	TO-247AC (TO-3P) 
IRFP151 IRFP153 IRFP141 IRFP143	80	0.055 0.080 0.077 0.099	41.0* 24.0 31.0 27.0	160 140 120 110	180 180 180 180	PD-9.441 PD-9.441 PD-9.442 PD-9.442	
IRFP150 IRFP152 IRFP140 IRFP142	100	0.055 0.080 0.077 0.099	41.0* 34.0 31.0 27.0	160 140 120 110	180 180 180 180	PD-9.441 PD-9.441 PD-9.442 PD-9.442	
IRFP251 IRFP253 IRFP241 IRFP243	150	0.085 0.12 0.18 0.22	33.0 27.0 20.0 18.0	130 110 80 72	180 180 150 150	PD-9.443 PD-9.443 PD-9.444 PD-9.444	
IRFP250 IRFP252 IRFP240 IRFP242	200	0.085 0.12 0.18 0.22	33.0 27.0 20.0 18.0	130 110 80 72	180 180 150 150	PD-9.443 PD-9.443 PD-9.444 PD-9.444	
IRFP254 IRFP255 IRFP244 IRFP245	250	0.14 0.17 0.28 0.34	23.0 21.0 15.0 14.0	92 84 60 56	180 180 150 150	PD-9.540 PD-9.540 PD-9.588 PD-9.588	
IRFP351 IRFP353 IRFP341 IRFP343	350	0.30 0.40 0.55 0.80	16.0 14.0 11.0 8.7	64 56 44 35	180 180 150 150	PD-9.445 PD-9.445 PD-9.456 PD-9.456	
IRFP360 IRFP362 IRFP350 IRFP352 IRFP340 IRFP342	400	0.20 0.18 0.30 0.40 0.55 0.80	23.0 20.0 16.0 14.0 11.0 8.7	92 80 64 56 44 35	250 250 180 180 150 150	PD-9.586 PD-9.586 PD-9.445 PD-9.445 PD-9.456 PD-9.456	
IRFP451 IRFP453 IRFP441 IRFP443	450	0.40 0.50 0.85 1.10	14.0 12.0 8.8 7.7	56 48 35 31	180 180 150 150	PD-9.458 PD-9.458 PD-9.457 PD-9.457	
IRFP460 IRFP462 IRFP450 IRFP452 IRFP448 IRFP449 IRFP440 IRFP442	500	0.27 0.35 0.40 0.50 0.60 0.75 0.85 1.10	20.0 17.0 14.0 12.0 11.0 9.7 8.8 7.7	80 68 56 48 44 39 35 31	250 250 180 180 170 170 150 150	PD-9.512 PD-9.512 PD-9.458 PD-9.458 PD-9.596 PD-9.595 PD-9.457 PD-9.457	
IRFPC50 IRFPC40 IRFPC42 IRFPC30 IRFPC32	600	0.58 1.20 1.60 2.20 2.70	10.6 6.8 5.9 4.3 3.9	42 27 24 17 15	180 150 150 100 100	— PD-9.511 PD-9.511 PD-9.596 PD-9.596	
IRFPE50 IRFPE52 IRFPE40 IRFPE42 IRFPE30 IRFPE32 IRFPE20 IRFPE22	800	1.20 1.40 2.00 2.40 3.20 3.80 6.50 7.80	7.80 7.20 5.30 4.80 3.70 3.40 2.20 2.00	31.0 29.0 21.0 19.0 15.0 14.0 8.8 8.0	180 180 150 150 100 100 74 74	PD-9.573 PD-9.573 PD-9.580 PD-9.580 PD-9.612 PD-9.612 PD-9.609 PD-9.609	
IRFPF50 IRFPF52 IRFPF40 IRFPF42 IRFPF30 IRFPF32 IRFPF20 IRFPF22	900	1.60 1.90 2.50 3.00 4.00 4.80 8.00 5.60	6.80 6.20 4.70 4.30 3.30 3.00 1.90 1.80	27.0 25.0 19.0 17.0 13.0 12.0 7.6 7.2	180 180 150 150 100 100 74 74	PD-9.542 PD-9.542 PD-9.580 PD-9.580 PD-9.618 PD-9.618 PD-9.606 PD-9.606	
IRFPG50 IRFPG52 IRFPG40 IRFPG42 IRFPG30 IRFPG32 IRFPG20 IRFPG22	1000	2.00 2.40 3.50 4.20 5.60 6.70 11.50 13.80	6.10 5.50 4.30 3.90 2.80 2.50 1.60 1.50	24.0 22.0 17.0 16.0 11.0 10.0 6.4 6.0	180 180 150 150 100 100 74 74	PD-9.543 PD-9.543 PD-9.576 PD-9.576 PD-9.621 PD-9.603 PD-9.603 PD-9.603	