

TO-220 N-Channel

Part Number	V _{DS} Drain Source Voltage (Volts)	R _{DS(on)} On-State Resistance (Ohms)	I _D Continuous Drain Current 25°C Case (Amps)	I _{DM} Pulse Drain Current (Amps)	P _D Max Power Dissipation (Watts)	Case Outline Number (2)	Notes	Case Style
IRF712	400	5.0	1.7	4.3	36	H5	(1)	TO-220AB
IRF710		3.6	2.0	5.0	36			
IRF722		2.5	2.8	11	50			
IRF720		1.8	3.3	13	50			
IRF732		1.5	4.5	16	74			
IRF730		1.0	5.5	20	74			
IRF742		0.80	8.3	33	125			
IRF740		0.55	10	40	125			
IRF823	450	4.0	2.0	7.0	50	H5	(1)	TO-220AB
IRF821		3.0	2.5	8.0	50			
IRF833		2.0	4.0	13	74			
IRF831		1.5	4.5	15	74			
IRF843		1.1	7.0	28	125			
IRF841		0.85	8.0	32	125			
IRF822	500	4.0	2.0	7.0	50	H5	(1)	TO-220AB
IRF820		3.0	2.5	8.0	50			
IRF832		2.0	4.0	13	74			
IRF830		1.5	4.5	15	74			
IRF842		1.1	7.0	28	125			
IRF840		0.85	8.0	32	125			
IRFBC20	600	4.4	2.2	6.8	50	H5	(1)	TO-220AB
IRFBC32		2.7	3.2	12	74			
IRFBC30		2.2	3.6	14	74			
IRFBC42		1.6	5.5	22	125			
IRFBC40		1.2	6.2	25	125			
IRFBE22	800	7.8	1.6	6.4	50	H5	(1)	TO-220AB
IRFBE20		6.5	1.8	7.2	50			
IRFBE32		3.8	2.8	11	74			
IRFBE30		3.2	3.1	12	74			
IRFBF22	900	9.6	1.5	6	50	H5	(1)	TO-220AB
IRFBF20		8.0	1.6	6.4	50			
IRFBF32		4.8	2.5	10	74			
IRFBF30		4.0	2.8	11	74			
IRFBG22	1000	13.8	1.2	4.8	50	H5	(1)	TO-220AB
IRFBG20		11.5	1.3	5.2	50			
IRFBG32		6.7	2.1	8.4	74			
IRFBG30		5.6	2.3	9.2	74			



TO-220 P-Channel

IRF9Z12	-50	0.70	-4.0	-16	20	H5	(1)	TO-220AB
IRF9Z10		0.50	-4.7	-19	20			
IRF9Z22		0.33	-8.9	-36	40			
IR9FZ20		0.28	-9.7	-39	40			
IRF9Z32		0.21	-15	-50	74			
IRF9Z30		0.14	-18	-60	74			
IRF9Z14	-60	0.50	-4.7	-19	20	H5	(1)	TO-220AB
IRF9Z24		0.28	-9.7	-39	40			
IRF9Z34		0.14	-18	-72	88			
IRF9513	-80	1.6	-2.5	-10	20	H5	(1)	TO-220AB
IRF9511		1.2	-3	-12	20			
IRF9523		0.80	-5.9	-24	60			
IRF9521		0.60	-6.8	-27	60			
IRF9533		0.40	-10	-40	88			
IRF9531		0.30	-12	-48	88			
IRF9543		0.30	-16	-64	150			
IRF9541		0.20	-19	-76	150			



(1) For lead formed options see page 137.

(2) For case outline drawing see page 136.