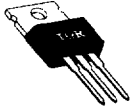
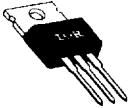


Low charge HEXFETs reduce gate charge by 40% or more and capacitances by up to 85% without any added device cost.

TO-220AB N-Channel - "Low Charge"

Part Number	V(BR) _{DSS} Drain-to-Source Breakdown Voltage (Volt)	R _{DS(on)} On-State Resistance (Ohms)	I _D Continuous Drain Current 25°C (Amps)	Q _G Total Gate Charge (nC)	R _{thJC} Max Thermal Resistance (°C/W)	P _d @T _c = 25°C Max Power Dissipation (Watts)	Case Outline Number (1)	Case Style
IRF740LC	400	0.55	10	39	1.0	125	H12	TO-220AB 
IRF840LC	500	0.85	8.0	39	1.0	125		
IRFBC40LC	600	1.2	6.2	39	1.0	125		
IRFBC10LC	600	10	1.2	12	3.5	36		

TO-220AB N-Channel

Part Number	V(BR) _{DSS} Drain-to-Source Breakdown Voltage (Volt)	R _{DS(on)} On-State Resistance (Ohms)	I _D Continuous Drain Current 25°C (Amps)	I _D Continuous Drain Current 100°C (Amps)	R _{thJC} Max Thermal Resistance (°C/W)	P _d @T _c = 25°C Max Power Dissipation (Watts)	Case Outline Number (1)	Case Style
IRFZ46	50	0.024	50	38	1.0	150	H12	TO-220AB 
IRF1010	55	0.014	75	53	1.0	150		
IRFZ14	60	0.20	10	7.2	3.5	43		
IRFZ24	60	0.10	17	12	2.5	60		
IRFZ34	60	0.050	30	21	1.7	88		
IRFZ44	60	0.028	50	36	1.0	150		
IRFZ48	60	0.018	50	50	0.80	190		
IRF510	100	0.54	5.6	4.0	3.5	43		
IRF520	100	0.27	9.2	6.5	2.5	60		
IRF530	100	0.16	14	10	1.7	88		
IRF540	100	0.077	28	20	1.0	150		
IRF1310	100	0.040	43	25	1.0	150		
IRF610	200	1.5	3.3	2.1	3.5	36		
IRF620	200	0.80	5.2	3.3	2.5	50		
IRF630	200	0.40	9.0	5.7	1.7	74		
IRF640	200	0.18	18	11	1.0	125		
IRF614	250	2.0	2.7	1.7	3.5	36		
IRF624	250	1.1	4.4	2.8	2.5	50		
IRF634	250	0.45	8.1	5.1	1.7	74		
IRF644	250	0.28	14	8.5	1.0	125		
IRF710	400	3.6	2.0	1.2	3.5	36		
IRF720	400	1.8	3.3	2.1	2.5	50		
IRF730	400	1.0	5.5	3.3	1.7	74		
IRF740	400	0.55	10	6.3	1.0	125		
IRF820	500	3.0	2.5	1.6	2.5	50		
IRF734	450	1.2	4.9	3.1	1.7	74		
IRF744	450	0.63	8.8	5.6	1.0	125		
IRF830	500	1.5	4.5	2.9	1.7	74		
IRF840	500	0.85	8.0	5.1	1.0	125		
IRFBC20	600	4.4	2.2	1.4	2.5	50		
IRFBC30	600	2.2	3.6	2.3	1.7	74		
IRFBC40	600	1.2	6.2	3.9	1.0	125		
IRFBE20	800	6.5	1.8	1.2	2.3	54		
IRFBE30	800	3.0	4.1	2.6	2.0	125		
IRFBF20	900	8.0	1.7	1.1	2.3	54		
IRFBF30	900	3.7	3.6	2.3	1.0	125		
IRFBG20	1000	11	1.4	0.86	2.3	54		
IRFBG30	1000	5.0	3.1	2.0	1.0	125		

F

Part number in bold indicates new product.
(1) For case outline drawing see page O-2.