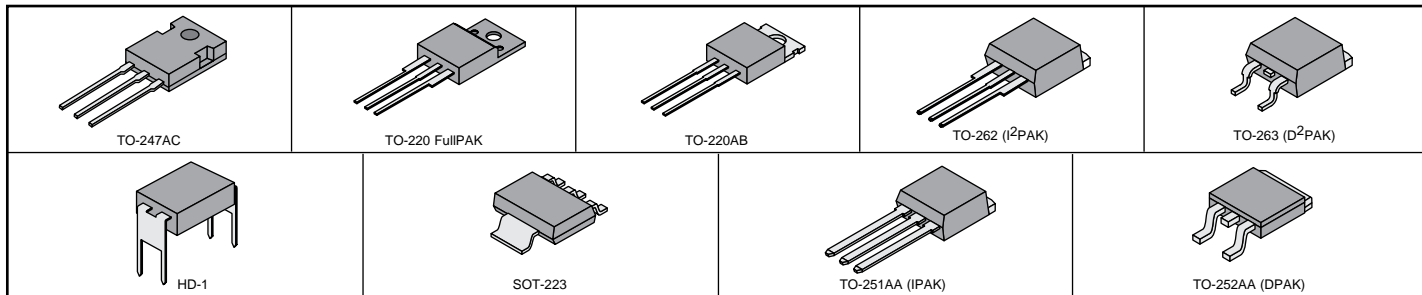


# VISHAY Power MOSFETs

Products may be RoHS compliant. Check mouser.com for RoHS status.



MOSFETs

Vishay Semiconductors

◆ Surface Mount Device

## N-CHANNEL MOSFETs (SINGLE CONFIGURATION) CONT.

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Package	V <sub>DS</sub> (Max)(V)	I <sub>D</sub> (Max)(A)	I <sub>DM</sub> (Max)(A)	R <sub>DS(on)</sub> Max (Ω) @ V <sub>GS</sub> =10V	P <sub>D</sub> (Max)(W)	Price Each				
								1	10	100	250	500
844-IRFPE50PBF	IRFPE50PBF	TO-247AC	800	7.8	31	1.200	190					
844-IRFIBF20GPBF	IRFIBF20GPBF	TO-220 FullPAK	900	1.2	4.8	8.000	30					
844-IRFBF20PBF	IRFBF20PBF	TO-220AB	900	1.7	6.8	8.000	54					
844-IRFBF20LPBF	IRFBF20LPBF	TO-262	900	1.7	6.8	8.000	3.1					
844-IRFBF20SPBF	IRFBF20SPBF	TO-263	900	1.7	6.8	8.000	3.1					
844-IRFIBF30GPBF	IRFIBF30GPBF	TO-220 FullPAK	900	1.9	7.6	3.700	35					
844-IRFBF30PBF	IRFBF30PBF	TO-220AB	900	3.6	14	3.700	125					
844-IRFPF30PBF	IRFPF30PBF	TO-247AC	900	3.6	14	3.700	125					
844-IRFPF40PBF	IRFPF40PBF	TO-247AC	900	4.7	19	2.500	150					
844-IRFPF50PBF	IRFPF50PBF	TO-247AC	900	6.7	27	1.600	190					
844-IRFBG20PBF	IRFBG20PBF	TO-220AB	1000	1.4	5.6	11.000	54					
844-IRFBG30PBF	IRFBG30PBF	TO-220AB	1000	3.1	12	5.000	125					
844-IRFPG30PBF	IRFPG30PBF	TO-247AC	1000	3.1	12	5.000	125					
844-IRFPG40PBF	IRFPG40PBF	TO-247AC	1000	4.3	17	3.500	150					
844-IRFPG50PBF	IRFPG50PBF	TO-247AC	1000	6.1	24	2.000	190					

## N-CHANNEL MOSFETs (SINGLE CONFIGURATION) - ULTRA LOW GATE CHARGE

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Package	V <sub>DS</sub> (Max)(V)	I <sub>D</sub> (Max)(A)	I <sub>DM</sub> (Max)(A)	R <sub>DS(on)</sub> Max (Ω) @ V <sub>GS</sub> =10V	P <sub>D</sub> (Max)(W)	Price Each				
								1	10	100	250	500
844-IRFI740GLCPBF	IRFI740GLCPBF	TO-220 FullPAK	400	5.7	23	0.550	40					
844-IRF740LCPBF	IRF740LCPBF	TO-220AB	400	10	32	0.55	125					
844-IRFP350LCPBF	IRFP350LCPBF	TO-247AC	400	16	64	0.30	190					
844-IRFP360LCPBF	IRFP360LCPBF	TO-247AC	400	23	91	0.200	280					
844-IRFI840GLCPBF	IRFI840GLCPBF	TO-220 FullPAK	500	4.5	18	0.85	40					
844-IRF840LCPBF	IRF840LCPBF	TO-220AB	500	8.0	28	0.85	125					
844-IRF840LCLPBF	IRF840LCLPBF	TO-262	500	8.0	28	0.85	3.1					
844-IRFP450LCPBF	IRFP450LCPBF	TO-247AC	500	14	56	0.40	190					
844-IRFP460LCPBF	IRFP460LCPBF	TO-247AC	500	20	80	0.27	280					
844-IRFIBC40GLCPBF	IRFIBC40GLCPBF	TO-220 FullPAK	600	3.5	14	1.20	40					
844-IRFPC50LCPBF	IRFPC50LCPBF	TO-247AC	600	11	44	0.60	190					
844-IRFPC60LCPBF	IRFPC60LCPBF	TO-247AC	600	16	64	0.40	280					
844-IRFBC40LCPBF	IRFBC40LCPBF	TO-220AB	900	6.2	25	1.200	125					

## N-CHANNEL LOGIC LEVEL MOSFETs (SINGLE CONFIGURATION)

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Package	V <sub>DS</sub> (Max)(V)	I <sub>D</sub> (Max)(A)	I <sub>DM</sub> (Max)(A)	R <sub>DS(on)</sub> Max (Ω) @		P <sub>D</sub> (Max)(W)	Price Each				
						V <sub>GS</sub> =10V	V <sub>GS</sub> =4.5V		1	10	100	250	500
844-IRLD014PBF	IRLD014PBF	HD-1	60	1.7	14	0.200	0.280	1.3					
844-IRLD024PBF	IRLD024PBF	HD-1	60	2.5	20	0.100	0.140	1.3					
844-IRLL014PBF	IRLL014PBF	SOT-223	60	2.7	22	0.200	0.280	3.1					
844-IRLU014PBF	IRLU014PBF	TO-251AA	60	7.7	31	0.200	0.280	25					
844-IRLIZ14GPBF	IRLIZ14GPBF	TO-220 FullPAK	60	8.0	32	0.200	0.280	27					
844-IRLZ14PBF	IRLZ14PBF	TO-220AB	60	10	40	0.200	0.280	43					
844-IRLR024PBF	IRLR024PBF	TO-252AA	60	14	56	0.100	0.140	42					
844-IRLU024PBF	IRLU024PBF	TO-251AA	60	14	56	0.100	0.140	42					
844-IRLZ24LPBF	IRLZ24LPBF	TO-262	60	17	68	0.100	0.140	60					
844-IRLZ24PBF	IRLZ24PBF	TO-220AB	60	17	68	0.100	0.140	60					
844-IRLIZ34GPBF	IRLIZ34GPBF	TO-220 FullPAK	60	20	80	0.050	0.070	42					
844-IRLIZ44GPBF	IRLIZ44GPBF	TO-220 FullPAK	60	30	120	0.028	0.039	48					
844-IRLZ34PBF	IRLZ34PBF	TO-220AB	60	30	110	0.050	0.070	88					
844-IRLD110PBF	IRLD110PBF	HD-1	100	1.0	8.0	0.540	0.760	1.3					
844-IRLD120PBF	IRLD120PBF	HD-1	100	1.3	10	0.270	0.380	1.3					
844-IRLL110PBF	IRLL110PBF	SOT-223	100	1.5	12	0.540	0.760	3.1					
844-IRLR110PBF	IRLR110PBF	TO-252AA	100	4.3	17	0.540	0.760	25					
844-IRLS10PBF	IRLS10PBF	TO-220AB	100	5.6	18	0.540	0.760	43					
844-IRLS10SPBF	IRLS10SPBF	TO-263	100	5.6	18	0.540	0.760	43					
844-IRLI520GPBF	IRLI520GPBF	TO-220 FullPAK	100	7.2	29	0.270	0.380	37					
844-IRLR120PBF	IRLR120PBF	TO-252AA	100	7.7	31	0.270	0.380	42					
844-IRLU120PBF	IRLU120PBF	TO-251AA	100	7.7	31	0.270	0.380	42					
844-IRLS20PBF	IRLS20PBF	TO-220AB	100	9.2	36	0.270	0.380	60					
844-IRLS20LPBF	IRLS20LPBF	TO-252AA	100	9.2	36	0.270	0.380	60					
844-IRLS30PBF	IRLS30PBF	TO-220AB	100	15	60	0.160	0.220	88					
844-IRLS40SPBF	IRLS40SPBF	TO-263	100	28	110	0.077	0.110	150					
844-IRLS40PBF	IRLS40PBF	TO-220AB	100	28	110	0.077	0.110	150					
844-IRLI620GPBF	IRLI620GPBF	TO-220 FullPAK	200	4.0	16	0.800	1.000	30					
844-IRL620PBF	IRL620PBF	TO-220AB	200	5.2	21	0.800	1.000	50					
844-IRL620SPBF	IRL620SPBF	TO-263	200	5.2	21	0.800 @ 10V	1.000	50					
844-IRLI630GPBF	IRLI630GPBF	TO-220 FullPAK	200	6.2	25	0.400	0.500	35					
844-IRL630PBF	IRL630PBF	TO-220AB	200	9.0	36	0.400	0.500	74					
844-IRL630SPBF	IRL630SPBF	TO-263	200	9.0	36	0.400	0.500	74					
844-IRLI640GPBF	IRLI640GPBF	TO-220 FullPAK	200	9.9	40	0.180	0.270	40					
844-IRL640PBF	IRL640PBF	TO-220AB	200	17	68	0.180	0.270	125					
844-IRL640SPBF	IRL640SPBF	TO-263	200	17	68	0.180	0.270	125					