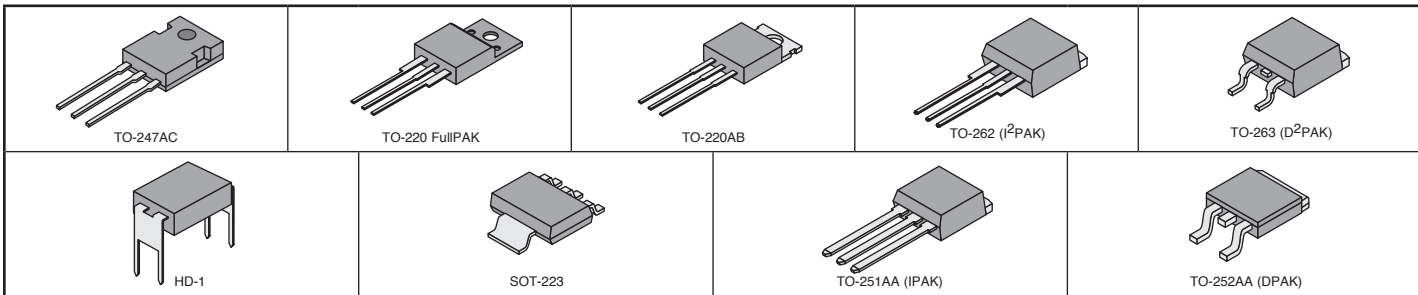


VISHAY Power MOSFETS

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 greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Package	V _{DS} (Max)(V)	I _D (Max)(A)	I _{DM} (Max)(A)	R _{DS(on)} Max (Ω) @ V _{GS} =10V	P _D (Max)(W)	Price Each				
								1	10	100	250	500
844-IRFPE50PBF	IRFPE50PBF	TO-247AC	800	7.8	31	1.200	190	6.71	4.92	4.72	4.09	3.66
844-IRFIBF20GPBF	IRFIBF20GPBF	TO-220 FullPAK	900	1.2	4.8	8.000	30	3.20	2.79	2.39	1.79	1.55
844-IRFBF20PBF	IRFBF20PBF	TO-220AB	900	1.7	6.8	8.000	54	1.71	1.37	1.23	1.10	.96
844-IRFBF20LPBF	IRFBF20LPBF	TO-262	900	1.7	6.8	8.000	3.1	2.15	1.77	1.75	1.37	1.23
844-IRFBF20SPBF	IRFBF20SPBF	TO-263	900	1.7	6.8	8.000	3.1	1.59	1.26	1.15	1.08	1.02
844-IRFIBF30GPBF	IRFIBF30GPBF	TO-220 FullPAK	900	1.9	7.6	3.700	35	3.64	2.92	2.66	2.38	2.13
844-IRFBF30PBF	IRFBF30PBF	TO-220AB	900	3.6	14	3.700	125	3.09	2.51	1.73	1.58	1.44
844-IRFPF30PBF	IRFPF30PBF	TO-247AC	900	3.6	14	3.700	125	4.93	3.96	3.60	2.99	2.55
844-IRFPF40PBF	IRFPF40PBF	TO-247AC	900	4.7	19	2.500	150	4.02	3.30	3.08	2.59	2.25
844-IRFPF50PBF	IRFPF50PBF	TO-247AC	900	6.7	27	1.600	190	7.29	6.48	5.13	4.32	3.78
844-IRFBG20PBF	IRFBG20PBF	TO-220AB	1000	1.4	5.6	11.000	54	1.47	1.17	1.02	.90	.79
844-IRFBG30PBF	IRFBG30PBF	TO-220AB	1000	3.1	12	5.000	125	1.82	1.46	1.31	1.17	1.02
844-IRFPG30PBF	IRFPG30PBF	TO-247AC	1000	3.1	12	5.000	125	5.64	4.70	3.94	3.19	2.70
844-IRFPG40PBF	IRFPG40PBF	TO-247AC	1000	4.3	17	3.500	150	6.15	5.12	4.30	3.48	2.97
844-IRFPG50PBF	IRFPG50PBF	TO-247AC	1000	6.1	24	2.000	190	4.39	3.52	3.21	2.90	2.60

N-CHANNEL MOSFETS (SINGLE CONFIGURATION) - ULTRA LOW GATE CHARGE

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Package	V _{DS} (Max)(V)	I _D (Max)(A)	I _{DM} (Max)(A)	R _{DS(on)} Max (Ω) @ V _{GS} =10V	P _D (Max)(W)	Price Each				
								1	10	100	250	500
844-IRFI740GLCPBF	IRFI740GLCPBF	TO-220 FullPAK	400	5.7	23	0.550	40	4.20	3.49	2.93	2.37	2.17
844-IRF740LCPBF	IRF740LCPBF	TO-220AB	400	10	32	0.55	125	3.27	2.72	2.28	1.85	1.69
844-IRFP350LCPBF	IRFP350LCPBF	TO-247AC	400	16	64	0.30	190	6.50	5.32	4.80	4.41	4.02
844-IRFP360LCPBF	IRFP360LCPBF	TO-247AC	400	23	91	0.200	280	3.79	3.50	3.29	3.00	2.78
844-IRFI840GLCPBF	IRFI840GLCPBF	TO-220 FullPAK	500	4.5	18	0.85	40	2.45	1.97	1.77	1.58	1.38
844-IRF840LCPBF	IRF840LCPBF	TO-220AB	500	8.0	28	0.85	125	1.56	1.25	1.13	1.00	.88
844-IRF840LCLPBF	IRF840LCLPBF	TO-262	500	8.0	28	0.85	3.1	2.40	1.96	1.79	1.60	1.47
844-IRFP450LCPBF	IRFP450LCPBF	TO-247AC	500	14	56	0.40	190	7.66	6.80	5.38	4.81	4.26
844-IRFP460LCPBF	IRFP460LCPBF	TO-247AC	500	20	80	0.27	280	4.02	3.23	2.94	2.65	2.38
844-IRFP50LCPBF	IRFP50LCPBF	TO-247AC	600	11	44	0.60	190	6.75	6.00	4.75	4.20	3.76
844-IRFPC60LCPBF	IRFPC60LCPBF	TO-247AC	600	16	64	0.40	280	5.50	4.41	4.02	3.63	3.25
844-IRFBC40LCPBF	IRFBC40LCPBF	TO-220AB	900	6.2	25	1.200	125	4.74	3.94	3.31	2.68	2.46

N-CHANNEL LOGIC LEVEL MOSFETS (SINGLE CONFIGURATION)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Package	V _{DS} (Max)(V)	I _D (Max)(A)	I _{DM} (Max)(A)	R _{DS(on)} Max (Ω) @		P _D (Max)(W)	Price Each				
						V _{GS}			1	10	100	250	500
						V _{GS} =10V	V _{GS} =4.5V						
844-IRLD014PBF	IRLD014PBF	HD-1	60	1.7	14	0.200	0.280	1.3	.92	.736	.64	.56	.49
844-IRLD024PBF	IRLD024PBF	HD-1	60	2.5	20	0.100	0.140	1.3	1.00	.803	.70	.61	.54
844-IRLL014PBF	IRLL014PBF	SOT-223	60	2.7	22	0.200	0.280	3.1	.74	.64	.601	.583	.565
844-IRLU014PBF	IRLU014PBF	TO-251AA	60	7.7	31	0.200	0.280	25	1.40	1.12	.98	.86	.74
844-IRLIZ14GPBF	IRLIZ14GPBF	TO-220 FullPAK	60	8.0	32	0.200	0.280	27	1.77	1.42	1.28	1.11	.928
844-IRLZ14PBF	IRLZ14PBF	TO-220AB	60	10	40	0.200	0.280	43	.91	.70	.61	.53	.45
844-IRLR024PBF	IRLR024PBF	TO-252AA	60	14	56	0.100	0.140	42	1.01	.81	.74	.69	.581
844-IRLU024PBF	IRLU024PBF	TO-251AA	60	14	56	0.100	0.140	42	1.76	1.54	1.32	.99	.825
844-IRLZ24LPBF	IRLZ24LPBF	TO-262	60	17	68	0.100	0.140	60	1.70	1.48	1.27	1.05	.91
844-IRLZ24PBF	IRLZ24PBF	TO-220AB	60	17	68	0.100	0.140	60	1.22	.97	.852	.748	.661
844-IRLIZ34GPBF	IRLIZ34GPBF	TO-220 FullPAK	60	20	80	0.050	0.070	42	2.75	2.40	2.06	1.54	1.33
844-IRLIZ44GPBF	IRLIZ44GPBF	TO-220 FullPAK	60	30	120	0.028	0.039	48	2.88	2.31	2.10	1.89	1.69
844-IRLZ34PBF	IRLZ34PBF	TO-220AB	60	30	110	0.050	0.070	88	2.24	1.95	1.67	1.25	1.04
844-IRLD110PBF	IRLD110PBF	HD-1	100	1.0	8.0	0.540	0.760	1.3	.88	.70	.61	.53	.47
844-IRLD120PBF	IRLD120PBF	HD-1	100	1.3	10	0.270	0.380	1.3	.76	.592	.515	.448	.382
844-IRLL110PBF	IRLL110PBF	SOT-223	100	1.5	12	0.540	0.760	3.1	.62	.58	.56	.543	.526
844-IRLR110PBF	IRLR110PBF	TO-252AA	100	4.3	17	0.540	0.760	25	.68	.66	.614	.561	.512
844-IRLS10PBF	IRLS10PBF	TO-220AB	100	5.6	18	0.540	0.760	43	1.22	.97	.85	.74	.66
844-IRLI520GPBF	IRLI520GPBF	TO-220 FullPAK	100	7.2	29	0.270	0.380	37	2.08	1.81	1.55	1.16	1.01
844-IRLR120PBF	IRLR120PBF	TO-252AA	100	7.7	31	0.270	0.380	42	1.55	1.28	1.17	1.10	1.03
844-IRLU120PBF	IRLU120PBF	TO-251AA	100	7.7	31	0.270	0.380	42	1.03	.95	.83	.78	.732
844-IRLS20PBF	IRLS20PBF	TO-220AB	100	9.2	36	0.270	0.380	60	1.05	.83	.73	.64	.56
844-IRLS20LPBF	IRLS20LPBF	TO-252AA	100	9.2	36	0.270	0.380	60	1.87	1.49	1.24	1.09	.923
844-IRLS30PBF	IRLS30PBF	TO-220AB	100	15	60	0.160	0.220	88	1.30	1.03	.90	.79	.70
844-IRLS40SPBF	IRLS40SPBF	TO-263	100	28	110	0.077	0.110	150	2.19	1.93	1.73	1.62	1.52
844-IRLS40PBF	IRLS40PBF	TO-220AB	100	28	110	0.077	0.110	150	1.78	1.43	1.29	1.15	1.00
844-IRL620PBF	IRL620PBF	TO-220AB	200	5.2	21	0.800	1.000	50	1.28	1.15	1.03	.96	.90
844-IRL620SPBF	IRL620SPBF	TO-263	200	5.2	21	0.800 @ 10V	1.000	50	1.52	1.36	1.22	1.14	1.07
844-IRLI630GPBF	IRLI630GPBF	TO-220 FullPAK	200	6.2	25	0.400	0.500	35	2.88	2.51	2.15	1.61	1.39
844-IRL630PBF	IRL630PBF	TO-220AB	200	9.0	36	0.400	0.500	74	2.43	2.12	1.82	1.50	1.30
844-IRL630SPBF	IRL630SPBF	TO-263	200	9.0	36	0.400	0.500	74	2.63	2.11	1.90	1.69	1.47
844-IRLI640GPBF	IRLI640GPBF	TO-220 FullPAK	200	9.9	40	0.180	0.270	40	2.88	2.31	2.10	1.90	1.70
844-IRL640PBF	IRL640PBF	TO-220AB	200	17	68	0.180	0.270	125	2.44	1.96	1.76	1.57	1.37
844-IRL640SPBF	IRL640SPBF	TO-263	200	17	68	0.180	0.270	125	1.78	1.76	1.57	1.55	1.52