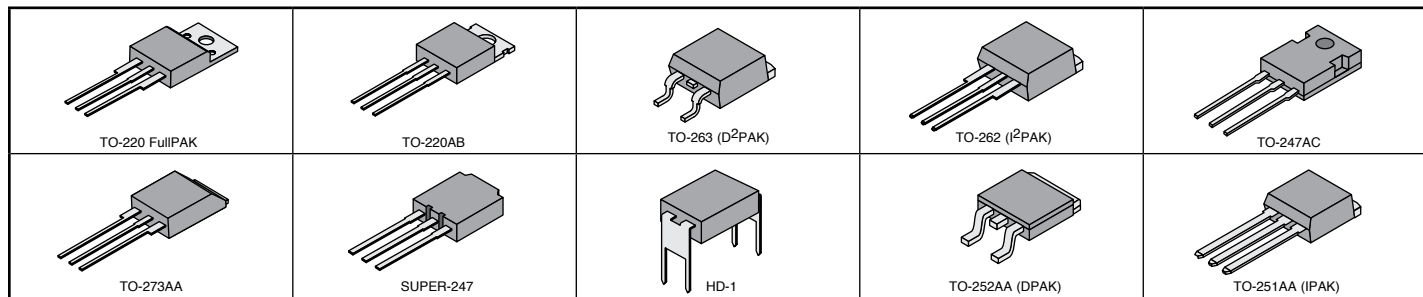


VISHAY Power MOSFETS

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



MOSFETS

Vishay Semiconductors

N-CHANNEL MOSFETS (SINGLE CONFIGURATION) CONT.

◆ Surface Mount Device

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-IRF830ASPBF	IRF830ASPBF	TO-263	500	5.0	20	1.400	3.1	1.63	1.31	1.18	1.05	.92
844-IRFB17N50APBF	IRFB17N50APBF	TO-220 FullPAK	500	6.6	44	0.520	60	2.60	2.09	1.88	1.67	1.46
844-IRFB40PBF	IRFB40PBF	TO-220AB	500	8.0	32	0.850	125	1.55	1.24	1.08	.95	.84
◆ 844-IRFB40SPBF	IRFB40SPBF	TO-263	500	8.0	32	0.850	125	1.85	.94	.84	.79	.74
844-IRFB40APBF	IRFB40APBF	TO-220AB	500	8.0	32	0.850	125	1.55	1.24	1.08	.95	.84
844-IRFB40ALPBF	IRFB40ALPBF	TO-262	500	8.0	32	0.850	125	2.23	1.97	1.76	1.65	1.55
◆ 844-IRF840ASPBF	IRF840ASPBF	TO-263	500	8.0	32	0.950	125	1.86	1.62	1.44	1.40	1.32
844-IRFP440PBF	IRFP440PBF	TO-247AC	500	8.8	35	0.850	150	2.78	2.24	2.02	1.79	1.57
844-IRFB11N50APBF	IRFB11N50APBF	TO-220AB	500	11	44	0.520	170	1.78	1.43	1.29	1.15	1.00
◆ 844-IRFS11N50APBF	IRFS11N50APBF	TO-263	500	11	44	0.520	170	1.85	1.75	1.59	1.49	1.44
844-IRFP448PBF	IRFP448PBF	TO-247AC	500	11	44	0.600	180	6.00	5.00	4.20	3.50	3.01
844-IRFP450PBF	IRFP450PBF	TO-247AC	500	14	56	0.400	190	2.93	2.36	2.12	1.89	1.65
844-IRFP450APBF	IRFP450APBF	TO-247AC	500	14	56	0.400	190	2.92	2.34	2.13	1.92	1.72
844-IRFB13N50APBF	IRFB13N50APBF	TO-220AB	500	14	56	0.450	250	3.52	2.82	2.57	2.32	2.08
844-IRFB17N50LPBF	IRFB17N50LPBF	TO-220AB	500	16	64	0.320	220	6.05	4.86	4.42	3.67	3.21
844-IRFP17N50LPBF	IRFP17N50LPBF	TO-247AC	500	16	64	0.320	220	5.87	4.71	4.29	3.87	3.54
844-IRFB18N50KPBF	IRFB18N50KPBF	TO-220AB	500	17	68	0.290	220	4.36	3.50	3.18	2.87	2.58
844-IRFB20N50KPBF	IRFB20N50KPBF	TO-220AB	500	20	80	0.250	280	5.26	4.23	3.85	3.40	3.08
844-IRFP460PBF	IRFP460PBF	TO-247AC	500	20	80	0.270	280	3.52	2.82	2.57	2.32	2.08
844-IRFP460APBF	IRFP460APBF	TO-247AC	500	20	80	0.270	280	3.72	2.99	2.72	2.45	2.20
844-IRFP22N50APBF	IRFP22N50APBF	TO-247AC	500	22	88	0.230	277	4.09	3.28	2.99	2.70	2.42
844-IRFP23N50LPBF	IRFP23N50LPBF	TO-247AC	500	23	92	0.235	370	7.15	5.85	5.28	4.85	4.42
844-IRFP31N50LPBF	IRFP31N50LPBF	TO-247AC	500	31	124	0.180	460	6.37	5.11	4.66	4.20	3.77
844-IRFP32N50KPBF	IRFP32N50KPBF	TO-247AC	500	32	130	0.160	460	6.76	5.54	5.00	4.59	4.19
844-IRFPS37N50APBF	IRFPS37N50APBF	SUPER-247	500	36	144	0.130	446	7.66	6.27	5.66	5.20	4.74
844-IRFPS40N50LPBF	IRFPS40N50LPBF	SUPER-247	500	46	180	0.100	540	11.91	9.76	8.81	8.09	7.28
844-IRFPS43N50KPBF	IRFPS43N50KPBF	SUPER-247	500	47	190	0.090	540	11.24	9.45	8.68	7.92	7.21
844-IRFDC20PBF	IRFDC20PBF	HD-1	600	0.32	2.6	4.400	1.0	1.92	1.67	1.60	1.34	1.09
◆ 844-IRFR1N60APBF	IRFR1N60APBF	TO-252AA	600	1.4	5.6	7.000	36	.72	.71	.645	.624	.606
844-IRFBC20GPBF	IRFBC20GPBF	TO-220 FullPAK	600	1.7	6.8	4.400	30	2.82	2.46	2.11	1.58	1.37
◆ 844-IRFRC20PBF	IRFRC20PBF	TO-252AA	600	2.0	8.0	4.400	42	1.26	1.06	.969	.913	.856
844-IRFUC20PBF	IRFUC20PBF	TO-251AA	600	2.0	8.0	4.400	42	2.72	2.38	2.04	1.53	1.27
844-IRFBC20PBF	IRFBC20PBF	TO-220AB	600	2.2	8.0	4.400	50	1.86	1.54	.96	.93	.90
844-IRFBC20LPBF	IRFBC20LPBF	TO-262	600	2.2	8.0	4.400	3.1	3.00	2.62	2.25	1.69	1.43
◆ 844-IRFBC20SPBF	IRFBC20SPBF	TO-263	600	2.2	8.0	4.400	50	2.07	1.81	1.63	1.52	1.46
844-IRFBC30GPBF	IRFBC30GPBF	TO-220 FullPAK	600	2.5	10	2.200	35	2.91	2.34	2.13	1.76	1.50
844-IRFBC40GPBF	IRFBC40GPBF	TO-220 FullPAK	600	3.5	14	1.200	40	3.42	2.74	2.50	2.25	1.96
844-IRFBC30PBF	IRFBC30PBF	TO-220AB	600	3.6	14	2.200	74	1.38	1.10	.96	.84	.75
844-IRFBC30LPBF	IRFBC30LPBF	TO-262	600	3.6	14	2.200	3.1	3.30	2.74	2.30	1.86	1.67
◆ 844-IRFBC30SPBF	IRFBC30SPBF	TO-263	600	3.6	14	2.200	3.1	3.30	2.74	2.30	1.86	1.67
844-IRFBC30APBF	IRFBC30APBF	TO-220AB	600	3.6	14	2.200	74	2.64	1.80	1.78	1.53	1.29
844-IRFBC30ALPBF	IRFBC30ALPBF	TO-262	600	3.6	14	2.200	74	1.77	1.42	1.28	1.02	.855
◆ 844-IRFBC30ASPBF	IRFBC30ASPBF	TO-263	600	3.6	14	2.200	74	2.19	1.73	1.59	1.48	.811
844-IRFB6N60APBF	IRFB6N60APBF	TO-220 FullPAK	600	5.5	37	0.750	60	2.58	2.19	1.88	1.80	1.75
844-IRFBC40PBF	IRFBC40PBF	TO-220AB	600	6.2	25	1.200	125	1.71	1.37	1.23	1.10	.96
844-IRFBC40LPBF	IRFBC40LPBF	TO-262	600	6.2	25	1.200	3.1	4.80	3.99	3.35	2.71	2.43
844-IRFBC40APBF	IRFBC40APBF	TO-220AB	600	6.2	25	1.200	125	2.14	1.70	1.67	1.35	1.15
844-IRFPC40PBF	IRFP40PBF	TO-247AC	600	6.8	27	1.200	150	2.58	2.50	2.45	2.39	2.32
844-IRFB9N60APBF	IRFB9N60APBF	TO-220AB	600	9.2	37	0.750	170	2.52	2.03	1.82	1.62	1.42
844-IRFSL9N60APBF	IRFSL9N60APBF	TO-262	600	9.2	37	0.750	170	2.87	2.30	2.09	1.89	1.69
◆ 844-IRFS9N60APBF	IRFS9N60APBF	TO-263	600	9.2	37	0.750	170	2.15	2.05	1.87	1.75	1.63
844-IRFPC50APBF	IRFPC50APBF	TO-247AC	600	11	44	0.580	180	3.15	3.02	2.95	2.91	2.81
844-IRFPC50PBF	IRFPC50PBF	TO-247AC	600	11	44	0.600	180	6.71	4.92	4.72	4.09	3.66
844-IRFPC60PBF	IRFPC60PBF	TO-247AC	600	16	64	0.400	280	7.64	5.84	5.51	3.25	3.19
844-IRFP21N60LPBF	IRFP21N60LPBF	TO-247AC	600	21	84	0.320	330	7.40	6.06	5.47	4.80	4.30
844-IRFP22N60KPBF	IRFP22N60KPBF	TO-247AC	600	22	88	0.280	370	8.78	7.80	6.37	5.55	4.88
844-IRFP26N60LPBF	IRFP26N60LPBF	TO-247AC	600	26	100	0.250	470	9.96	8.16	7.37	6.50	6.00
844-IRFP27N60KPBF	IRFP27N60KPBF	TO-247AC	600	27	110	0.220	500	7.48	6.13	5.53	5.08	4.63
844-IRFPS38N60LPBF	IRFPS38N60LPBF	SUPER-247	600	38	150	0.150	540	17.21	14.02	12.83	11.47	10.51
844-IRFPS40N60KPBF	IRFPS40N60KPBF	SUPER-247	600	40	160	0.130	570	15.51	13.04	11.98	10.92	10.22
844-IRFB5N65APBF	IRFB5N65APBF	TO-220 FullPAK	650	5.1	21	0.930	60	3.42	2.74	2.50	2.25	2.02
844-IRFB9N65APBF	IRFB9N65APBF	TO-220AB	650	8.5	21	0.930	167	2.86	2.30	2.09	1.76	1.50
844-IRFIBE20GPBF	IRFIBE20GPBF	TO-220 FullPAK	800	1.4	5.6	6.500	30	3.04	2.66	2.28	1.71	1.47
844-IRFBE20PBF	IRFBE20PBF	TO-220AB	800	1.8	7.2	6.500	54	1.07	.85	.74	.65	.57
844-IRFIBE30GPBF	IRFIBE30GPBF	TO-220 FullPAK	800	2.1	8.4	3.000	35	2.45	1.97	1.77	1.58	1.38
844-IRFBE30PBF	IRFBE30PBF	TO-220AB	800	4.1	16	3.000	125	1.59	1.28	1.15	1.02	.89
844-IRFBE30LPBF	IRFBE30LPBF	TO-262	800	4.1	16	3.000	125	2.84	2.29	2.06	1.83	1.60
◆ 844-IRFBE30SPBF	IRFBE30SPBF	TO-263	800	4.1	16	3.000	125	3.20	2.57	2.34	2.11	1.89
844-IRFPE30PBF	IRFPE30PBF	TO-247AC	800	4.1	16	3.000	125	4.40	4.28	3.52	3.21	3.03
844-IRFPE40PBF	IRFPE40PBF	TO-247AC	800	5.4	22	2.000	150	7.02	5.85	4.91	3.97	3.39