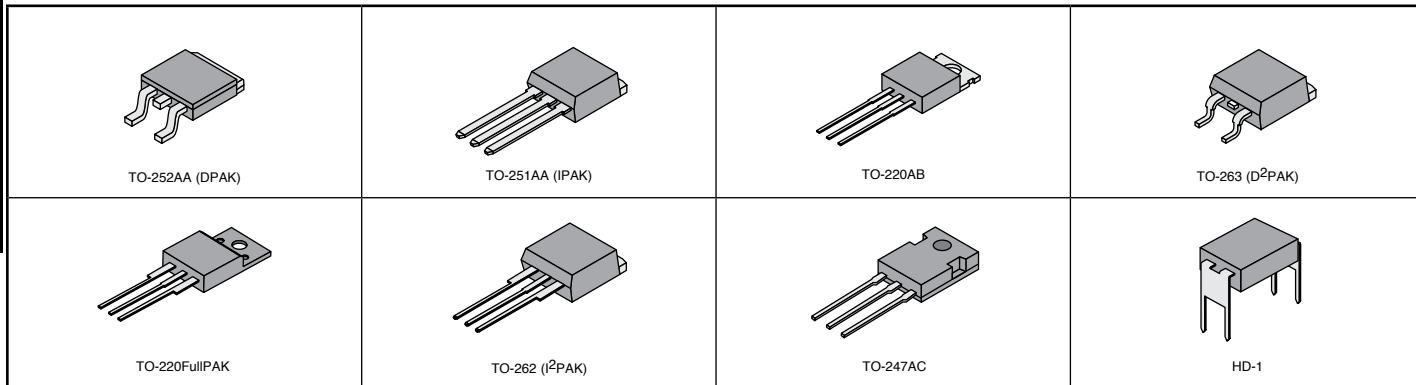


VISHAY Power MOSFETS

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-IRF1640GPBF	IRF1640GPBF	TO-220 FullPAK	200	9.8	39	0.180	40	1.86	1.49	1.34	1.19	1.04
844-IRF640PBF	IRF640PBF	TO-220AB	200	18	72	0.180	125	1.59	1.27	1.11	.97	.86
◆ 844-IRF640SPBFB	IRF640SPBFB	TO-263	200	18	72	0.180	3.1	2.49	1.97	.88	.83	.78
844-IRFP240PBF	IRFP240PBF	TO-247AC	200	20	80	0.180	150	2.19	1.76	1.59	1.41	1.23
844-IRFP250PBF	IRFP250PBF	TO-247AC	200	30	120	0.085	190	2.95	2.36	2.15	1.94	1.74
844-IRFP260PBF	IRFP260PBF	TO-247AC	200	46	180	0.055	280	4.86	3.90	3.55	3.21	2.88
844-IRFD224PBF	IRFD224PBF	HD-1	250	0.63	5.0	1.100	1.0	1.51	1.11	.946	.87	.795
◆ 844-IRFL214PBF	IRFL214PBF	SOT-223	250	0.79	6.3	2.000	3.1	1.12	.85	.82	.765	.71
844-IRF1614GPBFB	IRF1614GPBFB	TO-220 FullPAK	250	2.1	8.4	2.000	23	1.60	1.40	1.20	.90	.78
◆ 844-IRFR214PBF	IRFR214PBF	TO-252AA	250	2.2	8.8	2.000	25	1.78	1.57	1.34	1.26	1.22
844-IRFU214PBF	IRFU214PBF	TO-251AA	250	2.2	8.8	2.000	25	1.19	1.00	.94	.88	.74
844-IRF614PBF	IRF614PBF	TO-220AB	250	2.7	8.0	2.000	36	1.44	1.20	1.11	.929	.796
◆ 844-IRFR224PBF	IRFR224PBF	TO-252AA	250	3.8	15	1.100	42	.91	.83	.74	.66	.60
844-IRFU224PBF	IRFU224PBF	TO-251AA	250	3.8	15	1.100	42	1.34	1.29	1.12	.99	.832
844-IRF624PBF	IRF624PBF	TO-220AB	250	4.4	14	1.100	50	1.86	1.62	1.39	1.04	.87
◆ 844-IRF624SPBFB	IRF624SPBFB	TO-263	250	4.4	14	1.100	50	2.10	1.69	1.52	1.35	1.18
844-IRF1634GPBFB	IRF1634GPBFB	TO-220 FullPAK	250	5.6	22	0.450	35	2.41	2.10	1.80	1.35	1.17
844-IRF1644GPBFB	IRF1644GPBFB	TO-220 FullPAK	250	7.9	32	0.280	40	2.19	1.76	1.59	1.41	1.23
844-IRF634PBF	IRF634PBF	TO-220AB	250	8.1	32	0.450	74	1.95	1.70	1.46	1.09	.913
◆ 844-IRF634SPBFB	IRF634SPBFB	TO-263	250	8.1	32	0.450	74	1.63	1.44	1.15	1.08	1.01
844-IRF644PBF	IRF644PBF	TO-220AB	250	14	56	0.280	125	1.38	1.10	.96	.84	.75
◆ 844-IRF644SPBFB	IRF644SPBFB	TO-263	250	14	56	0.280	125	1.80	1.76	1.57	1.47	1.38
844-IRFP244PBF	IRFP244PBF	TO-247AC	250	15	60	0.280	150	4.09	3.28	2.99	2.70	2.42
844-IRFP254PBF	IRFP254PBF	TO-247AC	250	23	92	0.140	190	3.15	2.53	2.30	2.08	1.86
844-IRFP264PBF	IRFP264PBF	TO-247AC	250	38	150	0.075	280	4.22	3.39	3.09	2.78	2.50
844-IRFD310PBF	IRFD310PBF	HD-1	400	0.35	2.8	3.600	1.0	1.76	1.29	1.13	1.00	.88
844-IRFD420PBF	IRFD420PBF	HD-1	400	0.37	3.0	3.000	1.0	1.92	1.50	1.35	1.18	1.03
844-IRFD320PBF	IRFD320PBF	HD-1	400	0.49	3.9	1.800	1.0	1.20	1.10	1.02	.92	.86
◆ 844-IRFR310PBF	IRFR310PBF	TO-252AA	400	1.7	6.0	3.600	25	1.06	.97	.799	.745	.724
844-IRFU310PBF	IRFU310PBF	TO-251AA	400	1.7	6.0	3.600	25	1.56	1.13	1.04	.946	.795
844-IRF710PBF	IRF710PBF	TO-220AB	400	2.0	6.0	3.600	36	.91	.70	.61	.53	.45
◆ 844-IRF710SPBFB	IRF710SPBFB	TO-263	400	2.0	6.0	3.600	36	1.20	.95	.633	.593	.575
844-IRF1720GPBFB	IRF1720GPBFB	TO-220 FullPAK	400	2.6	10	1.800	30	2.56	2.23	1.91	1.43	1.24
◆ 844-IRFR320PBF	IRFR320PBF	TO-252AA	400	3.1	12	1.800	40	.92	.91	.817	.796	.743
844-IRFU320PBF	IRFU320PBF	TO-251AA	400	3.1	12	1.800	42	1.12	.89	.78	.69	.60
844-IRF720PBF	IRF720PBF	TO-220AB	400	3.3	13	1.800	50	.92	.73	.64	.56	.49
◆ 844-IRF720SPBFB	IRF720SPBFB	TO-263	400	3.3	13	1.800	50	2.00	1.73	1.42	1.25	1.13
844-IRF1730GPBFB	IRF1730GPBFB	TO-220 FullPAK	400	3.7	15	1.000	35	2.23	1.95	1.67	1.25	1.08
844-IRF1740GPBFB	IRF1740GPBFB	TO-220 FullPAK	400	5.4	22	0.550	40	2.45	1.97	1.77	1.58	1.38
844-IRF730PBF	IRF730PBF	TO-220AB	400	5.5	22	1.000	74	1.26	1.00	.87	.77	.68
844-IRF730APBFB	IRF730APBFB	TO-220AB	400	5.5	22	1.000	74	1.65	1.29	1.23	1.02	.878
844-IRF730ALPBF	IRF730ALPBF	TO-262	400	5.5	22	1.000	74	1.63	1.45	1.30	1.22	1.15
◆ 844-IRF730ASPBFB	IRF730ASPBFB	TO-263	400	5.5	22	1.000	74	2.40	2.03	1.66	1.48	1.33
844-IRF740PBF	IRF740PBF	TO-220AB	400	10	40	0.550	125	1.63	1.30	1.14	1.00	.88
◆ 844-IRF740ASPBFB	IRF740ASPBFB	TO-263	400	10	40	0.550	3.1	2.49	1.97	1.80	1.69	1.57
◆ 844-IRF740SPBFB	IRF740SPBFB	TO-263	400	10	40	0.550	125	1.66	1.56	1.12	1.05	.98
844-IRF740APBFB	IRF740APBFB	TO-220AB	400	10	40	0.550	125	2.26	1.82	1.64	1.46	1.27
844-IRF740ALPBF	IRF740ALPBF	TO-262	400	10	40	0.550	3.1	2.74	2.21	1.99	1.77	1.49
844-IRFP340PBF	IRFP340PBF	TO-247AC	400	11	44	0.550	150	5.58	4.64	3.90	3.42	3.07
844-IRFP350PBF	IRFP350PBF	TO-247AC	400	16	64	0.300	190	2.85	2.28	2.08	1.88	1.68
844-IRFP360PBF	IRFP360PBF	TO-247AC	400	23	92	0.200	280	3.79	3.04	2.77	2.50	2.24
844-IRF1820GPBFB	IRF1820GPBFB	TO-220 FullPAK	500	2.1	8.4	3.000	30	1.99	1.66	1.18	1.07	.97
◆ 844-IRFR420PBF	IRFR420PBF	TO-252AA	500	2.4	8.0	3.000	42	.87	.86	.777	.764	.711
844-IRFU420PBF	IRFU420PBF	TO-251AA	500	2.4	8.0	3.000	42	.93	.84	.74	.72	.67
844-IRF820PBF	IRF820PBF	TO-220AB	500	2.5	8.0	3.000	50	1.00	.80	.70	.61	.54
◆ 844-IRF820SPBFB	IRF820SPBFB	TO-263	500	2.5	8.0	3.000	50	1.01	.94	.87	.82	.74
844-IRF820APBFB	IRF820APBFB	TO-220AB	500	2.5	10	3.000	50	1.32	1.08	1.01	.95	.88
844-IRF820ALPBF	IRF820ALPBF	TO-262	500	2.5	10	3.000	50	1.26	1.04	.94	.88	.82
◆ 844-IRF820ASPBFB	IRF820ASPBFB	TO-263	500	2.5	10	3.000	50	1.70	1.36	1.19	1.04	.899
844-IRF1830GPBFB	IRF1830GPBFB	TO-220 FullPAK	500	3.1	12	1.500	35	1.79	1.44	1.29	1.15	1.00
◆ 844-IRFR420APBFB	IRFR420APBFB	TO-252AA	500	3.3	10	3.000	83	1.08	.99	.88	.83	.78
844-IRFU420APBFB	IRFU420APBFB	TO-251AA	500	3.3	10	3.000	83	1.58	1.13	1.02	.918	.79
844-IRF830PBF	IRF830PBF	TO-220AB	500	4.5	18	1.500	74	1.13	.90	.79	.69	.61
◆ 844-IRF830SPBFB	IRF830SPBFB	TO-263	500	4.5	18	1.500	74	1.40	1.32	1.21	1.13	1.05
844-IRF1840GPBFB	IRF1840GPBFB	TO-220 FullPAK	500	4.6	18	0.850	40	2.23	1.79	1.61	1.43	1.25
844-IRF830APBFB	IRF830APBFB	TO-220AB	500	5.0	20	1.400	74	1.26	1.00	.87	.77	.68
844-IRF830ALPBF	IRF830ALPBF	TO-262	500	5.0	20	1.400	3.1	1.91	1.74	1.56	1.39	1.25