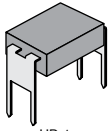
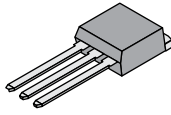


VISHAY Power MOSFETS

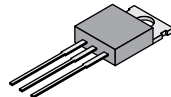
Products may be RoHS compliant. Check mouser.com for RoHS status.



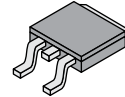
HD-1



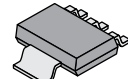
TO-251AA (IPAK)



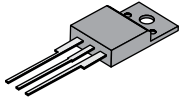
TO-220AB



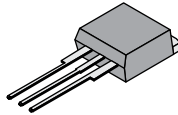
TO-252AA (DPAK)



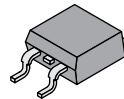
SOT-223



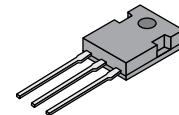
TO-220FULLPAK



TO-262 (I²PAK)



TO-263 (D²PAK)



TO-247AC

MOSFETS

Vishay Semiconductors

P-CHANNEL MOSFETS (SINGLE CONFIGURATION)

◆ 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-IRFD9010PBF	IRFD9010PBF	HD-1	-50	-1.1	-	-	-	1.17	.93	.82	.72	.63
◆ 844-IRFR9010PBF	IRFR9010PBF	TO-252AA	-50	-5.3	-21	0.500	25	1.02	.81	.743	.70	.445
844-IRFU9010PBF	IRFU9010PBF	TO-251AA	-50	-5.3	-	-	-	1.54	1.23	1.07	.94	.83
844-IRF9Z20PBF	IRF9Z20PBF	TO-220AB	-50	-9.7	-	-	-	1.60	1.29	1.23	1.04	.891
◆ 844-IRFR9020PBF	IRFR9020PBF	TO-252AA	-50	-9.9	-40	0.26	42	1.36	1.22	1.10	1.03	.969
844-IRF9Z30PBF	IRF9Z30PBF	TO-220AB	-50	-18	-	-	-	1.86	1.49	1.34	1.19	1.04
844-IRFD9014PBF	IRFU9010PBF	HD-1	-60	-1.1	-8.8	0.50	1.3	.91	.70	.61	.53	.45
844-IRFD9024PBF	IRFD9024PBF	HD-1	-60	-1.6	-13	0.28	1.3	1.55	1.24	.972	.891	.81
844-IRFD9020PBF	IRFD9020PBF	HD-1	-60	-1.6	-	-	-	1.58	1.20	1.09	.97	.86
◆ 844-IRFL9014PBF	IRFL9014PBF	SOT-223	-60	-1.8	-14	0.50	3.1	.74	.71	.693	.641	.59
◆ 844-IRFR9014PBF	IRFR9014PBF	TO-252AA	-60	-5.1	-20	0.50	25	.74	.72	.658	.64	.596
844-IRFU9014PBF	IRFU9014PBF	TO-251AA	-60	-5.1	-20	0.50	25	1.33	1.04	.93	.82	.72
844-IRFI9Z14GPBF	IRFI9Z14GPBF	TO-220 FullPAK	-60	-5.3	-21	0.50	27	2.24	1.95	1.67	1.25	1.09
844-IRF9Z10PBF	IRF9Z10PBF	TO-220AB	-60	-6.7	-27	0.50	43	1.64	1.31	1.14	1.00	.891
844-IRF9Z14PBF	IRF9Z14PBF	TO-220AB	-60	-6.7	-27	0.50	43	.92	.73	.64	.56	.49
844-IRF9Z14LPBF	IRF9Z14LPBF	TO-262	-60	-6.7	-27	0.50	3.7	1.53	1.26	1.25	.982	.88
◆ 844-IRF9Z14SPBF	IRF9Z14SPBF	TO-263	-60	-6.7	-27	0.50	3.7	1.29	.70	.61	.565	.535
844-IRFI9Z24GPBF	IRFI9Z24GPBF	TO-220 FullPAK	-60	-8.5	-34	0.28	37	2.75	2.40	2.06	1.54	1.33
◆ 844-IRFR9024PBF	IRFR9024PBF	TO-252AA	-60	-8.8	-35	0.28	42	.98	.97	.883	.879	.822
844-IRFU9024PBF	IRFU9024PBF	TO-251AA	-60	-8.8	-35	0.28	42	1.19	.98	.90	.85	.79
844-IRFU9020PBF	IRFU9020PBF	TO-251AA	-60	-8.8	-40	0.28	40	1.95	1.70	1.46	1.09	.95
844-IRF9Z24PBF	IRF9Z24PBF	TO-220AB	-60	-11	-44	0.28	60	1.55	1.22	1.08	.95	.84
844-IRFI9Z34GPBF	IRFI9Z34GPBF	TO-220 FullPAK	-60	-12	-48	0.14	42	3.01	2.42	2.18	1.79	1.49
◆ 844-IRF9Z34SPBF	IRF9Z34SPBF	TO-263	-60	-18	-72	0.14	88	1.30	.90	.81	.76	.71
844-IRF9Z34PBF	IRF9Z34PBF	TO-220AB	-60	-18	-72	0.14	88	1.47	1.17	1.02	.90	.79
844-IRFD9110PBF	IRFD9110PBF	HD-1	-100	-0.7	-5.6	1.20	1.3	.86	.66	.58	.50	.43
844-IRFD9120PBF	IRFD9120PBF	HD-1	-100	-1.0	-8.0	0.60	1.3	.92	.736	.64	.545	.49
◆ 844-IRFL9110PBF	IRFL9110PBF	SOT-223	-100	-1.1	-8.8	1.20	3.1	.63	.59	.566	.545	.53
◆ 844-IRFR9110PBF	IRFR9110PBF	TO-252AA	-100	-3.1	-12	1.20	25	.73	.72	.651	.646	.635
844-IRFU9110PBF	IRFU9110PBF	TO-251AA	-100	-3.1	-12	1.20	25	1.07	.91	.81	.76	.718
844-IRF9510PBF	IRF9510PBF	TO-220AB	-100	-4.0	-16	1.20	43	.91	.70	.61	.53	.45
844-IRFI9520GPBF	IRFI9520GPBF	TO-220 FullPAK	-100	-5.2	-21	0.60	37	2.05	1.69	1.52	1.35	1.17
◆ 844-IRFR9120PBF	IRFR9120PBF	TO-252AA	-100	-5.6	-22	0.60	42	.85	.84	.75	.73	.71
844-IRFU9120PBF	IRFU9120PBF	TO-251AA	-100	-5.6	-22	0.60	42	1.82	1.59	1.36	1.02	.889
844-IRF9520PBF	IRF9520PBF	TO-220AB	-100	-6.8	-27	0.60	60	.92	.73	.64	.56	.49
◆ 844-IRF9520SPBF	IRF9520SPBF	TO-263	-100	-6.8	-27	0.60	60	1.54	1.37	1.21	1.13	1.08
844-IRFI9530GPBF	IRFI9530GPBF	TO-220 FullPAK	-100	-7.7	-31	0.30	42	2.23	1.90	1.39	1.35	1.26
◆ 844-IRFI9540GPBF	IRFI9540GPBF	TO-220 FullPAK	-100	-11	-44	0.20	48	3.64	2.92	2.66	2.20	1.88
844-IRF9530SPBF	IRF8530SPBF	TO-263	-100	-12	-48	0.30	88	2.89	2.51	2.14	1.60	1.35
844-IRF9530PBF	IRF9530PBF	TO-220AB	-100	-12	-48	0.30	88	1.47	1.17	1.02	.90	.79
◆ 844-IRF9540PBF	IRF9540PBF	TO-220AB	-100	-19	-72	0.20	150	1.72	1.37	1.20	1.05	.93
844-IRF9540SPBF	IRF9540SPBF	TO-263	-100	-19	-72	0.20	150	5.01	4.38	3.74	2.81	2.33
844-IRFP9140PBF	IRFP9140PBF	TO-247AC	-100	-21	-84	0.20	180	2.45	1.97	1.77	1.58	1.38
844-IRFD9210PBF	IRFD9210PBF	HD-1	-200	-0.4	-3.2	3.00	1.0	1.10	1.01	.94	.85	.80
844-IRFD9220PBF	IRFD9220PBF	HD-1	-200	-0.56	-4.5	1.50	1.0	2.85	2.25	1.84	1.63	1.46
◆ 844-IRF9610PBF	IRF9610PBF	TO-220AB	-200	-1.8	-7.0	3.00	20	1.44	1.15	1.00	.88	.78
◆ 844-IRF9610SPBF	IRF9610SPBF	TO-263	-200	-1.8	-7.0	3.00	20	1.38	1.24	1.11	1.04	.983
844-IRFR9210PBF	IRFR9210PBF	TO-252AA	-200	-1.9	-7.6	3.00	25	.79	.78	.708	.647	.592
844-IRFU9210PBF	IRFU9210PBF	TO-251AA	-200	-1.9	-7.6	3.00	25	1.66	1.34	1.20	1.07	.93
844-IRFI9610GPBF	IRFI9610GPBF	TO-220 FullPAK	-200	-2.0	-8.0	3.00	27	2.15	1.88	1.61	1.20	1.04
◆ 844-IRFI9620GPBF	IRFI9620GPBF	TO-220 FullPAK	-200	-3.0	-12	1.50	30	2.56	2.24	1.92	1.44	1.24
844-IRF9620SPBF	IRF9620SPBF	TO-263	-200	-3.5	-14	1.50	40	1.33	1.21	1.09	.97	.87
◆ 844-IRF9620PBF	IRF9620PBF	TO-220AB	-200	-3.5	-14	1.50	40	1.34	1.07	.93	.82	.72
844-IRFR9220PBF	IRFR9220PBF	TO-252AA	-200	-3.6	-14	1.5	42	.90	.84	.782	.737	.68
844-IRFI9630GPBF	IRFI9630GPBF	TO-220 FullPAK	-200	-4.3	-17	0.80	35	1.69	1.36	1.24	1.17	1.11
◆ 844-IRFI9640GPBF	IRFI9640GPBF	TO-220 FullPAK	-200	-6.1	-24	0.50	40	3.33	2.67	2.43	2.02	1.72
844-IRF9630SPBF	IRF9630SPBF	TO-263	-200	-6.5	-26	0.80	74	2.26	2.05	1.85	1.64	1.31
844-IRF9630PBF	IRF9630PBF	TO-220AB	-200	-6.5	-26	0.80	74	1.17	.93	.82	.72	.63
◆ 844-IRF9640PBF	IRF9640PBF	TO-220AB	-200	-11	-44	0.50	125	1.63	1.30	1.14	1.00	.88
844-IRF9640SPBF	IRF9640SPBF	TO-263	-200	-11	-44	0.50	125	2.97	2.60	2.22	1.66	1.39
◆ 844-IRFP9240PBF	IRFP9240PBF	TO-247AC	-200	-12	-48	0.50	150	2.67	2.15	1.93	1.72	1.50
844-IRFR9214PBF	IRFR9214PBF	TO-252AA	-250	-2.7	-11	3.00	50	.95	.92	.816	.858	.833
844-IRFU9214PBF	IRFU9214PBF	TO-251AA	-250	-2.7	-11	3.00	50	1.55	1.13	1.01	.90	.78
◆ 844-IRFI9634GPBF	IRFI9634GPBF	TO-220 FullPAK	-250	4.1	-16	1.00	35	2.23	1.98	1.60	1.49	1.39
844-IRFR9310PBF	IRFR9310PBF	TO-252AA	-400	-1.8	-7.2	7.00	50	.86	.85	.774	.744	.699
844-IRFU9310PBF	IRFU9310PBF	TO-251AA	-400	-1.8	-7.2	7.00	50	1.56	1.25	1.13	.99	.87