

FAIRCHILD Power MOSFETs



MEDIUM POWER MOSFETS (CONT.)

◆ Surface Mount Device

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Fairchild Part No.	Package	VDS (V)	RDS (ON) Max @ VGS=				QC nC	ID A	PD W	Price Each				
				10V(Ω)	4.5V(Ω)	2.5V(Ω)	1.8V(Ω)				1	25	100	250	
Single N-Channel (cont.)															
512-HUF75639P3	HUF75639P3	TO-220	100	0.025	-	-	-	57	56	200	2.08	1.74	1.53	1.25	
512-HUF75645P3	HUF75645P3	TO-220	100	0.014	-	-	-	106	75	310	3.27	2.73	2.40	1.96	
512-IRF510A	IRF510A	TO-220	100	0.4	-	-	-	8.5	5.6	33	.87	.73	.54	.43	
512-IRF520A	IRF520A	TO-220	100	0.2	-	-	-	16	9.2	45	1.00	.82	.58	.45	
512-IRF530A	IRF530A	TO-220	100	0.11	-	-	-	27	14	55	1.36	1.14	.81	.65	
512-IRF540A	IRF540A	TO-220	100	0.052	-	-	-	60	28	107	2.09	1.74	1.24	.99	
512-IRF550A	IRF550A	TO-220	100	0.04	-	-	-	75	40	167	2.08	1.74	1.25	1.00	
512-IRL510A	IRL510A	TO-220	100	-	.44@5V	-	-	5.5	5.6	37	.77	.64	.47	.37	
512-IRL520A	IRL520A	TO-220	100	-	.22@5V	-	-	10.2	9.2	49	.87	.73	.52	.42	
512-FQPF13N10	FQPF13N10	TO-220F	100	0.18	-	-	-	12	8.7	30	.89	.75	.54	.44	
512-FQPF13N10L	FQPF13N10L	TO-220F	100	0.18	.2@5V	-	-	8.7	8.7	30	.84	.71	.50	.41	
512-FQPF19N10	FQPF19N10	TO-220F	100	0.1	-	-	-	19	13.6	38	1.25	1.06	.76	.61	
512-FQPF7N10	FQPF7N10	TO-220F	100	0.35	-	-	-	5.8	5.5	23	.87	.71	.50	.40	
512-FQPF7N10L	FQPF7N10L	TO-220F	100	0.35	.38@5V	-	-	4.6	5.5	23	.74	.60	.42	.34	
512-IRFS510A	IRFS510A	TO-220F	100	0.4	-	-	-	8.5	4.5	21	.82	.70	.51	.42	
512-IRFS520A	IRFS520A	TO-220F	100	0.2	-	-	-	16	7.2	28	.93	.79	.57	.47	
512-IRFS540A	IRFS540A	TO-220F	100	0.052	-	-	-	60	17	39	1.66	1.39	1.02	.83	
512-IRLS510A	IRLS510A	TO-220F	100	-	.44@5V	-	-	5.5	4.5	23	.69	.58	.41	.33	
512-IRLS520A	IRLS520A	TO-220F	100	-	.22@5V	-	-	10.2	7.2	30	.92	.78	.56	.46	
512-IRLS540A	IRLS540A	TO-220F	100	-	.058@5V	-	-	38.4	17	44	1.58	1.32	.95	.77	
◆ 512-HUF75639G3	HUF75639G3	TO-247	100	0.025	-	-	-	57	56	200	3.23	2.69	2.37	1.94	
◆ 512-HUF75652G3	HUF75652G3	TO-247	100	0.008	-	-	-	211	75	515	9.01	7.51	6.60	5.40	
512-FQU7N10LTU	FQU7N10LTU	TO-251	100	0.35	.38@5V	-	-	4.6	5.8	25	.76	.63	.55	.45	
512-IRFU110ATU	IRFU110ATU	TO-251	100	0.4	-	-	-	8.5	4.7	20	.48	.40	.32	.24	
512-IRFU120ATU	IRFU120ATU	TO-251	100	0.2	-	-	-	16	8.4	32	.57	.47	.38	.28	
◆ 512-IRFR110ATF	IRFR110ATF	TO-252	100	0.4	-	-	-	8.5	4.7	20	.69	.57	.42	.33	
◆ 512-FQI7N10TU	FQI7N10TU	TO-262	100	0.35	-	-	-	5.8	7.3	40	.93	.78	.56	.45	
◆ 512-FQI7N10LTU	FQI7N10LTU	TO-262	100	0.35	.38@5V	-	-	4.6	7.3	40	1.01	.84	.61	.48	
◆ 512-IRFI510ATU	IRFI510ATU	TO-262	100	0.4	-	-	-	8.5	5.6	33	.87	.73	.52	.42	
◆ 512-IRLI510ATU	IRLI510ATU	TO-262	100	-	.44@5V	-	-	5.5	5.6	37	.87	.73	.52	.42	
◆ 512-FQB13N10TM	FQB13N10TM	TO-263	100	0.18	-	-	-	12	12.8	65	1.13	.93	.68	.53	
◆ 512-FQB13N10LTM	FQB13N10LTM	TO-263	100	0.18	.2@5V	-	-	8.7	12.8	65	1.21	1.00	.72	.57	
◆ 512-FQB19N10TM	FQB19N10TM	TO-263	100	0.1	-	-	-	19	19	75	1.17	.98	.71	.57	
◆ 512-FQB19N10LTM	FQB19N10LTM	TO-263	100	0.1	.11@5V	-	-	14	19	75	1.19	.99	.72	.58	
◆ 512-FQB7N10TM	FQB7N10TM	TO-263	100	0.35	-	-	-	5.8	7.3	40	.93	.78	.56	.45	
◆ 512-FQB7N10LTM	FQB7N10LTM	TO-263	100	0.35	.38@5V	-	-	4.6	7.3	40	.93	.79	.57	.45	
◆ 512-HUF75639S3S	HUF75639S3S	TO-263	100	0.025	-	-	-	57	56	200	2.41	2.01	1.77	1.45	
◆ 512-IRFW510ATM	IRFW510ATM	TO-263	100	0.4	-	-	-	8.5	5.6	33	.87	.73	.52	.42	
◆ 512-IRFW520ATM	IRFW520ATM	TO-263	100	0.2	-	-	-	16	9.2	45	1.01	.85	.62	.50	
◆ 512-IRFW530ATM	IRFW530ATM	TO-263	100	0.11	-	-	-	27	14	55	1.14	.96	.69	.55	
◆ 512-IRLW510ATM	IRLW510ATM	TO-263	100	-	.44@5V	-	-	5.5	5.6	37	.87	.73	.52	.42	
◆ 512-IRLW520ATM	IRLW520ATM	TO-263	100	-	.22@5V	-	-	10.2	9.2	49	1.02	.85	.62	.50	
◆ 512-IRLW530ATM	IRLW530ATM	TO-263	100	-	.12@5V	-	-	16.9	14	62	1.14	.96	.69	.55	
512-FQA33N10	FQA33N10	TO-3P	100	0.052	-	-	-	38	36	163	2.27	1.89	1.36	1.10	
512-FQA33N10L	FQA33N10L	TO-3P	100	0.052	.055@5V	-	-	30	36	163	2.18	1.84	1.33	1.08	
512-IRFP140A	IRFP140A	TO-3P	100	0.052	-	-	-	60	31	131	2.19	1.84	1.34	1.10	
512-IRFP150A	IRFP150A	TO-3P	100	0.04	-	-	-	75	43	193	2.72	2.31	1.74	1.45	
512-SSH70N10A	SSH70N10A	TO-3P	100	0.023	-	-	-	151	70	300	4.80	4.00	2.87	2.31	
512-FQAF33N10	FQAF33N10	TO-3PF	100	0.052	-	-	-	38	25.8	83	2.05	1.72	1.25	1.01	
512-FQAF33N10L	FQAF33N10L	TO-3PF	100	0.052	.055@5V	-	-	30	25.8	83	2.05	1.73	1.25	1.01	
512-FQAF44N10	FQAF44N10	TO-3PF	100	0.039	-	-	-	48	33	85	2.45	2.06	1.50	1.22	
512-IRFS140A	IRFS140A	TO-3PF	100	0.052	-	-	-	60	23	72	1.79	1.48	1.06	.86	
512-IRFS150A	IRFS150A	TO-3PF	100	0.04	-	-	-	75	31	100	2.08	1.73	1.25	1.00	
512-FDP2570	FDP2570	TO-220	150	0.08	-	-	-	40	22	93	3.62	2.71	2.26	1.82	
512-FQP14N15	FQP14N15	TO-220	150	0.21	-	-	-	18	14.4	104	1.20	1.00	.71	.58	
512-FQP6N15	FQP6N15	TO-220	150	0.6	-	-	-	6.5	6.4	63	.77	.65	.47	.38	
512-FQP9N15	FQP9N15	TO-220	150	0.4	-	-	-	10	9	75	.89	.74	.54	.44	
512-FQPF5N15	FQPF5N15	TO-220F	150	0.8	-	-	-	5.4	4.2	32	.74	.61	.43	.33	
512-FQPF6N15	FQPF6N15	TO-220F	150	0.6	-	-	-	6.5	5	38	.82	.69	.49	.40	
512-FQPF9N15	FQPF9N15	TO-220F	150	0.4	-	-	-	10	6.9	44	1.02	.84	.59	.47	
◆ 512-FQI5N15TU	FQI5N15TU	TO-262	150	0.8	-	-	-	5.4	5.4	54	.94	.78	.57	.46	
◆ 512-FQI6N15TU	FQI6N15TU	TO-262	150	0.6	-	-	-	6.5	6.4	63	1.02	.84	.59	.47	
◆ 512-FQI9N15TU	FQI9N15TU	TO-262	150	0.4	-	-	-	10	9	75	1.21	1.01	.87	.72	
◆ 512-FQB14N15TM	FQB14N15TM	TO-263	150	0.21	-	-	-	18	14.4	104	1.18	1.00	.72	.59	
◆ 512-FQB16N15TM	FQB16N15TM	TO-263	150	0.16	-	-	-	23	16.4	108	1.32	1.09	.79	.64	
◆ 512-FQB5N15TM	FQB5N15TM	TO-263	150	0.8	-	-	-	5.4	5.4	54	.94	.78	.57	.46	
◆ 512-FQB6N15TM	FQB6N15TM	TO-263	150	0.6	-	-	-	6.5	6.4	63	.99	.82	.59	.48	
◆ 512-FQB9N15TM	FQB9N15TM	TO-263	150	0.4	-	-	-	10	9	75	1.22	1.02	.72	.59	
512-FQA28N15	FQA28N15	TO-3P	150	0.09	-	-	-	40	33	227	2.50	2.10	1.52	1.23	
512-FQAF28N15	FQAF28N15	TO-3PF	150	0.09	-	-	-	40	22	102	2.29	1.92	1.40	1.14	
◆ 512-FDS2170N7	FDS2170N7	SO-8	200	0.128	-	-	-	26	3	3	3.12	2.34	1.95	1.56	
512-FDP2670	FDP2670	TO-220	200	0.13	-	-	-	27	19	93	4.46	3.35	2.80	2.23	
512-FQP19N20	FQP19N20	TO-220	200	0.15	-	-	-	31	19.4	140	1.80	1.51	1.08	.87	
512-FQP4N20	FQP4N20	TO-220	200	1.4	-	-	-	5	3.6	45	.82	.68	.48	.40	
512-FQP4N20L	FQP4N20L	TO-220	200	1.35	1.4@5V	-	-	4	3.8	45	.77	.64	.46	.38	
512-FQP5N20	FQP5N20	TO-220	200	1.2	-	-	-	6	4.5	52	.73	.62	.45	.36	
512-FQP5N20L	FQP5N20L	TO-220	200	1.2	1.25@5V	-	-	4.8	4.5	52	.73	.62	.44	.36	
512-FQP630	FQP630	TO-220	200	0.4	-	-	-	19	9	78</					