

FAIRCHILD Power MOSFETs

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FAIRCHILD
SEMICONDUCTOR

HIGH POWER MOSFETS

◆ Surface Mount Device *Kinked Lead

PRODUCT **NEW**

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package	V _{DS} (V)	R _{DS(ON)} Max @ V _{GS} =10V (mΩ)	Qg (nC)	I _D (A)	P _D (W)	Price Each			
Mfr.	Mfr. Part No.							1	25	100	250
Single N-Channel (Cont.)											
◆	512-FQP16N25C	TO-220F	250	270	41	15.6	43	1.19	1.05	.72	.56
◆	512-FQP16N25	TO-220AB	250	230	27	16	142	1.36	1.20	1.05	.914
◆	512-FQA27N25	TO-3PN	250	110	50	27	210	2.20	1.96	1.71	1.52
◆	512-FDB33N25TM	TO-263AB	250	94	36.8	33	235	1.76	1.58	1.39	1.25
◆	512-FDP33N25	TO-220AB	250	94	36.8	33	235	1.66	1.33	1.20	1.06
◆	512-FDPF33N25T	TO-220F	250	94	36.8	33	37	1.46	1.30	1.14	1.01
◆	512-FQA40N25	TO-3P	250	70	85	40	280	3.09	2.78	2.46	2.22
◆	512-FDB44N25TM	TO-263AB	250	69	47	44	307	2.29	2.05	1.81	1.63
◆	512-FDPF44N25T	TO-220F	250	69	47	44	38	2.08	1.85	1.62	1.44
◆	512-FDB2710	TO-263AB	250	42.5	78	50	260	5.36	4.79	4.36	3.97
◆	512-FDP2710	TO-220AB	250	42.5	78	50	260	3.46	2.75	2.72	2.48
◆	512-FDP51N25	TO-220AB	250	60	55	51	320	2.47	2.19	1.92	1.71
◆	512-FDA59N25	TO-3PN	250	49	63	59	392	3.07	2.75	2.44	2.20
◆	512-FQA62N25C	TO-3P	250	35	100	62	298	5.78	4.65	4.19	3.78
◆	512-FDA69N25	TO-3PN	250	41	77	69	480	3.05	2.74	2.43	2.19
◆	512-FQP3N30	TO-220AB	300	2200	5.5	3.2	55	.73	.65	.565	.49
◆	512-FDPF14N30	TO-220F	300	290	18	14	35	1.04	.79	.789	.701
◆	512-FDB14N30TM	TO-263AB	300	290	18	14	140	1.23	1.09	.949	.738
◆	512-FQP22N30	TO-220AB	300	160	47	21	170	1.88	1.67	1.51	1.34
◆	512-FDB28N30TM	TO-262	300	129	39	28	250	1.85	1.66	1.51	1.36
◆	512-FDA59N30	TO-3P	300	560	77	35	500	3.70	3.34	3.04	2.74
◆	512-FDA38N30	TO-3PN	300	70	60	38	312	2.83	2.26	1.75	1.67
◆	512-FDD3N40TM	TO-252	400	3400	4.5	2.0	30	.63	.54	.46	.397
◆	512-FDT3N40TF	SOT-223	400	3400	1.2	2.0	2	.79	.686	.547	.412
◆	512-FDU3N40TU	TO-251	400	3400	4.5	2.0	30	.62	.54	.467	.406
◆	512-FDP15N40	TO-220AB	400	300	28	15	170	2.21	1.97	1.72	1.53
◆	512-FQD6N40CTM	TO-252	400	1000	16	4.5	2.5	.90	.79	.693	.601
◆	512-FQP6N40C	TO-220AB	400	1000	16	6.0	7.3	.85	.75	.659	.574
◆	512-FQPF11N40C	TO-220F	400	53	28	10.5	44	1.15	.90	.82	.706
◆	512-FQP11N40C	TO-220AB	400	530	28	11	135	1.21	.93	.92	.811
◆	512-FQP17N40	TO-220AB	400	270	45	16	170	1.94	1.72	1.51	1.34
◆	512-FDP19N40	TO-220AB	400	240	32	19	215	2.33	2.07	1.87	1.66
◆	512-FDA24N40F	TO-3PN	400	190	46	23	235	2.60	2.31	2.02	1.80
◆	512-FDP26N40	TO-220AB	400	160	48	26	265	2.25	2.00	1.81	1.56
◆	512-FQA30N40	TO-3P	400	140	90	30	230	5.44	4.44	3.99	3.40
*◆	512-SSN1N45BTA	TO-92-3	450	2250	6.5	0.5	0.9	.78	.54	.464	.401
*◆	512-FQN1N50CTA	TO-92-3	500	6000	4.9	0.38	0.89	.39	.31	.256	.19
*◆	512-FQNL2N50BTA	TO-92S	500	5300	6	0.35	1.5	.64	.47	.402	.338
◆	512-FDD6N50FTM	DPAK	500	1150	15	2.4	89	.98	.851	.788	.677
◆	512-FDPF5N50UT	TO-220F	500	1650	11	4.0	25	1.26	1.05	.84	.63
◆	512-FDPF5N50FT	TO-220F	500	1550	11	4.5	28	1.05	.93	.807	.708
◆	512-FDPF5N50NZ	TO-220F	500	1380	9	4.5	30	1.08	.91	.86	.754
◆	512-FDP5N50NZ	TO-220AB	500	1380	9	4.5	30	1.19	1.05	.919	.80
◆	512-FDD6N50TM_WS	TO-252	500	900	12.8	6.0	89	.99	.88	.767	.668
◆	512-FDP7N50	TO-220AB	500	900	12.8	7.0	89	1.03	.91	.791	.694
◆	512-FDPF18N50	TO-220F	500	265	45	8.0	39	2.20	1.96	1.72	1.53
◆	512-FDPF18N50T	TO-220F	500	265	45	8.0	38.5	2.21	1.96	1.72	1.53
◆	512-FDPF8N50NZ	TO-220F	500	770	14	8.0	40.3	1.53	1.37	1.21	1.08
◆	512-FDPF10N50FT	TO-220F	500	770	18	9.0	42	1.42	1.25	1.09	.958
◆	512-FQPF9N50CF	TO-220F	500	770	28	9.0	44	1.62	1.30	1.21	1.12
◆	512-FQPF11N50CF	TO-220F	500	550	43	11	48	1.51	1.35	1.19	1.07
◆	512-FDB12N50TM	TO-263AB	500	650	22	11.5	165	1.35	1.20	1.04	.91
◆	512-FDB12N50FTM_WS	TO-263AB	500	700	21	11.5	165	1.57	1.21	1.08	.952
◆	512-FDPF12N50FT	TO-220F	500	700	21	11.5	42	1.53	1.35	1.17	1.03
◆	512-FDPF13N50FT	TO-220F	500	540	30	12	42	1.61	1.43	1.26	1.12
◆	512-FQPF13N50CF	TO-220F	500	540	43	13	48	1.72	1.53	1.34	1.19
◆	512-FDPF16N50UT	TO-220F	500	480	-	15	38.5	2.15	1.72	1.29	1.21
◆	512-FQA13N50CF	TO-3PN	500	480	43	15	218	2.17	1.75	1.58	1.39
◆	512-FDPF16N50T	TO-220F	500	380	32	16	38.5	1.69	1.50	1.32	1.17
◆	512-FDP18N50	TO-220AB	500	265	45	18	235	2.45	1.96	1.72	1.57
◆	512-FDA18N50	TO-3PN	500	265	45	19	239	2.60	2.31	2.02	1.80
◆	512-FDP20N50	TO-220AB	500	230	45.6	20	250	2.35	2.09	1.83	1.62
◆	512-FDP20N50F	TO-220AB	500	260	50	20	250	2.42	2.15	1.88	1.67
◆	512-FDPF20N50	TO-220F	500	230	45.6	20	38.5	2.30	2.04	1.79	1.59
◆	512-FDPF20N50T	TO-220F	500	230	45.6	20	38.5	2.33	2.07	1.81	1.61
◆	512-FDPF20N50FT	TO-220F	500	260	50	20	38.5	2.45	2.18	1.91	1.69
◆	512-FDA20N50F	TO-3PN	500	260	50	22	388	2.67	2.40	2.12	1.92
◆	512-FDA20N50_F109	TO-3PN	500	230	45.6	22	280	3.39	2.77	2.49	2.24
◆	512-FDP22N50N	TO-220	500	220	49	22	313	2.92	2.64	2.40	2.16
◆	512-FDA24N50	TO-3PN	500	190	65	24	270	3.38	3.03	2.68	2.42
◆	512-FDA28N50F	TO-3PN	500	175	80	28	310	5.39	4.84	4.29	3.87
◆	512-FDH44N50	TO-247	500	120	90	44	750	8.25	7.42	6.58	6.05
◆	512-FDL100N50F	TO-264	500	55	238	100	2500	12.32	11.24	10.16	9.26
◆	512-FQT1N60CTF_WS	SOT-223	600	11500	4.8	0.2	2.1	.53	.466	.353	.327
◆	512-FQN1N60CTA	TO-92-3	600	11500	4.8	0.3	1	.42	.36	.321	.277
◆	512-FQD1N60CTM	TO-252	600	11500	4.8	1.0	28	.73	.56	.50	.428

HIGH POWER MOSFETS (CONT.)

◆ Surface Mount Device

PRODUCT **NEW**

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Mfr.	Mfr. Part No.							1	25	100	250
Single N-Channel (Cont.)											
◆	512-FQD2N60CTM	TO-252	600	4700	8.5	1.9	2.5	.79	.61	.536	.452
◆	512-FQPF2N60C	TO-220F	600	4700	8.5	2.0	23	.89	.794	.695	.601
◆	512-FQP2N60C	TO-220AB	600	4700	8.5	2.0	54	.47	.428	.392	.362
◆	512-FQD5N60CTM	TO-252	600	2500	15	2.8	49	.93	.82	.714	.619
◆	512-FCP4N60	TO-220AB	600	1200	12.8	3.9	50	1.19	1.05	.912	.80
◆	512-FCD7N60TM	DPAK	600	530	23	4.4	83	1.54	1.34	1.24	1.07
◆	512-FCP7N60	TO-220F	600	530	25	4.4	31	2.52	2.25	2.03	1.80
◆	512-FDP5N60NZ	TO-220AB	600	2000	10	4.5	100	1.29	1.07	.86	1.29
◆	512-FQP5N60C	TO-220AB	600	2500	15	4.5	100	.85	.68	.602	.48
◆	512-FQPF5N60C	TO-220F	600	2500	15	4.5	33	.91	.73	.64	.556
◆	512-FDPF5N60NZ	TO-220F	600	2000	10	4.5	33	1.20	1.00	.80	.60
◆	512-FCP7N60	TO-220AB	600	600	25	7.0	83	1.92	1.74	1.60	1.47
◆	512-FQD8N60CTM	TO-252	600	1200	28	7.5	147	1.53	1.21	1.08	.938
◆	512-FCD9N60TM	TO-252	600	330	17.8	9.0	62.6	3.50	3.15	2.55	2.32
◆	512-FCP9N60	TO-220AB	600	330	22	9.0	83.3	2.82	2.48	2.11	1.97
◆	512-FCP7N60NT	TO-220F	600	330	29	9.0	30	2.62	2.38	2.18	2.01
◆	512-FDPF10N60ZUT	TO-220F	600	650	31	9.0	42	1.93	1.55	1.16	1.08
◆	512-FCP11N60NT	TO-220AB	600	255	27.4	10.8	94	2.77	2.55	2.27	2.05
◆	512-FCP11N60NT	TO-220F	600	255	27.4	10.8	32.1	2.77	2.58	2.27	2.05
◆	512-FCB11N60TM	TO-252	600	380	40	11	125	3.00	2.73	2.22	2.19
◆	512-FCB25N60N	TO-247	600	125	57	16	216	7.20	5.76	4.86	4.68
◆	512-FCP16N60N	TO-220AB	600	199	40.2	16	134.4	4.69	3.76	3.92	2.78
◆	512-FCPF16N60NT	TO-220F	600	199	40.2	16	35.7	4.04	3.67	3.36	3.10
◆	512-FDPF17N60NT	TO-220F	600	340	48	17	62.5	5.93	5.10	4.06	3.54
◆	512-FQA19N60	TO-3P	600	380	70	18.5	300	3.33	2.99	2.65	2.39
◆	512-FQP190N60	TO-220	600	199	57	20.2	208	3.87	3.10	2.41	2.29
◆	512-FCH22N60N	TO									