

FAIRCHILD Power MOSFETS

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MEDIUM POWER MOSFETS (CONT.)

◆ Surface Mount Device
* Kinked Lead

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For quantities greater than listed, call for quote.

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MOUSER STOCK NO.		Package	V _{DS} (V)	R _{DS(on)} (mΩ)	Q _g (nC)	I _D (A)	P _D (W)	Price Each		
Mfr.	Mfr. Part No.							1	10	100
Single N-Channel (Cont.)										
◆	512-BSS138K	SOT-23	50	2500	2.4	0.22	0.35	.37	.245	.102
◆	512-BSS138	SOT-23	50	3500	1.7	0.22	0.36	.22	.148	.061
◆	512-BSS138D87Z	SOT-23	50	3500	1.7	0.22	0.36	.32	.211	.088
◆	512-RFD14N05LSM	TO-252	50	100	31	14	48	.82	.631	.407
◆	512-RFD14N05L	TO-251	50	100	40	14	48	.82	.631	.407
◆	512-RFD14N05LSM9A	TO-252	50	100	40	14	48	.96	.744	.481
◆	512-RFD16N05LSM9A	TO-252AA	50	47	80	16	60	1.15	.894	.711
◆	512-HUF75321P3	TO-220AB	55	34	21	35	93	1.02	.791	.63
◆	512-HUF75345G3	TO-247	55	7	125	75	325	3.62	2.91	2.39
◆	512-HUF75345P3	TO-220AB	55	7	125	75	325	2.38	1.92	1.54
◆	512-FDH5500-F085	TO-247	55	7	206	75	375	4.28	3.44	2.82
◆	512-HUF75344G3	TO-247	55	8	90	75	285	2.95	2.38	1.91
◆	512-HUF75339P3	TO-220AB	55	12	60	75	200	1.63	1.26	1.00
◆	512-2N7002K	SOT-23	60	2000	-	0.12	0.35	.28	.185	.077
◆	512-2N7002D87Z	SOT-23	60	2000	-	0.12	0.2	.30	.194	.081
◆	512-2N7002L	SOT-23-3	60	7500	-	0.12	0.2	.18	.15	.053
◆	512-2N7002W	SOT-323	60	7500	-	0.12	0.2	.44	.255	.109
◆	512-2N7002	SOT-23	60	7500	1.7	0.12	0.2	.22	.183	.064
◆	512-2N7000BU	TO-92-3	60	5000	-	0.2	0.4	.40	.235	.10
*	512-2N7000TA	TO-92-3	60	5000	-	0.2	0.4	.38	.218	.094
◆	512-2N7000	TO-92-3	60	5000	1.7	0.2	0.4	.42	.241	.103
*	512-2N7000D26Z	TO-92-3	60	5000	1.7	0.2	0.4	.40	.269	.112
*	512-2N7000D74Z	TO-92-3	60	5000	1.7	0.2	0.4	.42	.239	.102
*	512-2N7000D75Z	TO-92-3	60	5000	1.7	0.2	3.2	.42	.244	.104
◆	512-NDS7002A	SOT-23	60	2000	1.7	0.28	0.3	.42	.276	.115
◆	512-BS270	TO-92-3	60	2000	-	0.4	0.63	.49	.287	.123
*	512-BS270D74Z	TO-92-3	60	2000	-	0.4	0.63	.49	.287	.123
◆	512-BS170	TO-92-3	60	5000	-	0.5	0.83	.44	.256	.11
*	512-BS170D26Z	TO-92-3	60	5000	-	0.5	0.83	.46	.268	.115
*	512-BS170D27Z	TO-92-3	60	5000	-	0.5	0.83	.42	.244	.104
*	512-BS170D75Z	TO-92-3	60	5000	-	0.5	0.83	.47	.268	.115
*	512-BS170_D74Z	TO-92-3	60	5000	1.7	0.5	0.83	.47	.274	.117
◆	512-MMBF170	SOT-23	60	5000	1.7	0.5	0.3	.42	.277	.115
◆	512-FDN5630	SSOT-3	60	100	7	1.7	0.5	.54	.363	.202
◆	512-FDN5630_F095	SSOT-3	60	120	7	1.7	0.5	.54	.367	.243
◆	512-NDT014	SOT-223	60	200	11	2.7	3	.64	.433	.286
◆	512-FQT13N06LTF	SOT-223	60	110	4.8	2.8	2.1	.71	.481	.318
◆	512-FQT13N06TF	SOT-223	60	140	5.8	2.8	2.1	.63	.487	.315
◆	512-NDT3055L	SOT-223	60	70	13	4	3	.72	.557	.36
◆	512-NDT3055	SOT-223	60	100	9	4	3	.67	.52	.336
◆	512-FDC5612	SSOT-6	60	55	12.5	4.3	1.6	.89	.695	.449
◆	512-FDS3531	SOIC-8	60	35	9	6.1	5	.93	.718	.464
◆	512-FDM86551L	MicroFET-2	60	35	12	7.5	2.4	.94	.73	.581
◆	512-FDS5680	SOIC-8	60	20	30	8	2.5	1.65	1.28	1.01
◆	512-FDS5670	SOIC-8	60	14	49	10	2.5	1.76	1.42	1.13
◆	512-FQPF13N06L	TO-220F	60	110	4.8	10	24	.89	.692	.447
◆	512-RFD3055LE	TO-251	60	107	11.3	11	38	.80	.621	.401
◆	512-FQD13N06LTM	TO-252	60	110	4.8	11	2.5	.65	.51	.329
◆	512-FQU13N06LTU	IPAK	60	115	4.8	11	2.5	.77	.596	.385
◆	512-FDS5672	SOIC-8	60	10	34	12	2.5	1.56	1.26	1.00
◆	512-HUF76407D3ST	TO-252	60	92	9.4	12	38	.79	.614	.397
◆	512-MTP3055VL	TO-220AB	60	180	7.8	12	48	1.21	.936	.745
◆	512-MTD3055VL	TO-252	60	180	10	12	48	1.23	.953	.758
◆	512-FDMC86520L	MCP-8	60	6.5	64	13.5	40	1.73	1.40	1.12
◆	512-FQP13N06L	TO-220AB	60	110	4.8	13.6	45	.86	.667	.431
◆	512-FDMS86520	Power-56	60	7.4	40	14	69	1.85	1.50	1.20
◆	512-FQPF20N06	TO-220F	60	60	11.5	15	30	.97	.751	.485
◆	512-FQPF20N06L	TO-220F	60	55	9.5	15.7	30	.97	.756	.601
◆	512-RFD16N06LESM9A	TO-252	60	47	51	16	90	1.26	.976	.776
◆	512-FQPF27P06	TO-220F	60	70	33	17	47	1.37	1.06	.847
◆	512-RFD12N06RLESM9A	TO-252AA	60	75	15	17	49	.93	.724	.468
◆	512-FDMS362L_F085	Power-56	60	34	17	17.6	41.7	.94	.728	.47
◆	512-FDMS86540	Power-56	60	3.4	90	20	96	2.47	2.00	1.60
◆	512-FQP20N06	TO-220AB	60	60	11.5	20	53	.96	.742	.59
◆	512-FQP20N06L	TO-220AB	60	35	9.5	21	53	.97	.753	.599
◆	512-FDMS86520L	Power-56	60	8.2	45	22	69	1.57	1.21	.968
◆	512-FDMS5672	Power-56	60	11	32	22	78	2.28	1.84	1.47
◆	512-FQPF30N06L	TO-220F	60	35	15	22.5	38	1.17	.909	.723
◆	512-FDD5690	TO-252AA	60	23	32	30	3.2	1.40	1.08	.862
◆	512-FQP30N06	TO-220AB	60	40	19	30	79	1.16	.90	.716
◆	512-FDMS86550	Power-56	60	1.65	126	32	2.7	2.84	2.30	1.84
◆	512-FDMS5361L_F085	Power-56	60	11.7	37	35	75	1.18	.948	.728
◆	512-FDD10AN06A0_F085	TO-252AA-3	60	9.4	28	50	135	1.53	1.18	.943
◆	512-FDD10AN06A0	TO-252	60	10.5	28	50	135	1.79	1.44	1.16
◆	512-FDD5353	TO-252	60	12.3	23	50	69	1.49	1.15	.921
◆	512-FDD13AN06A0	TO-252	60	13	22	50	115	1.40	1.08	.858
◆	512-RFP50N06	TO-220AB	60	22	67	50	131	1.50	1.16	.925
◆	512-FQP50N06L	TO-220AB	60	21	24.5	52	121	1.56	1.21	.964
◆	512-FDP55N06	TO-220AB	60	22	30	55	114	1.17	.906	.721
◆	512-FDMC86570LET60	Power-33	60	5	63	56	54	2.20	1.78	1.42
◆	512-FDMC86570L	Power-33	60	6.5	88	56	54	1.98	1.60	1.28
◆	512-FDB13AN06A0	TO-263AB	60	13	22	62	115	1.81	1.46	1.17
◆	512-FDP65N06	TO-220AB	60	16	33	65	135	2.00	.931	.74
◆	512-FQP65N06	TO-220AB	60	16	48	65	150	1.92	1.55	1.24
◆	512-RFP70N06	TO-220AB	60	14	156	70	150	1.70	1.32	1.05
◆	512-FDP038AN06A0	TO-220AB	60	3	95	80	310	4.21	3.39	2.78

MOUSER STOCK NO.		Package	V _{DS} (V)	R _{DS(on)} (mΩ)	Q _g (nC)	I _D (A)	P _D (W)	Price Each		
Mfr.	Mfr. Part No.							1	10	100
Single N-Channel (Cont.)										
◆	512-FDP050AN06A0	TO-220AB	60	5	61	80	245	3.00	2.41	1.98
◆	512-FDB5800	TO-263-2	60	6	104	80	242	2.19	1.77	1.41
◆	512-FDP5800	TO-220AB	60	6	112	80	242	2.24	1.81	1.44
◆	512-FDP80N06	TO-220AB	60	10	57	80	176	1.68	1.30	1.03
◆	512-FQP85N06	TO-220AB	60	10	86	85	160	2.79	2.25	1.80
◆	512-FDPF035N06B_F152	TO-220-3	60	3.5	76	88	46.3	2.41	1.95	1.56
◆	512-FDMS86550ET60	Power-56	60	1.4	110	155	1561	3.64	2.92	2.66
◆	512-FDMS362L_F085	Power-56	60	8.7	64	242	150	1.18	.919	.731
◆	512-FDB024N06	TO-263AB	60	2.4	174	265	395	4.11	3.31	2.71
◆	512-FQP205N06	TO-220AB	60	2.5	174	265	395	6.00	4.82	3.96
◆	512-FDBL0110N60	MO-299A	60	2.2	170	300	429	5.06	4.07	3.70
◆	512-FDBL86561F085	MO-299A	60	2.2	170	300	429	6.60	5.94	4.88
◆	512-FDP75N08A	TO-220AB	75	11	80	75	137	1.78	1.44	1.15
◆	512-FDP60AN08A0	TO-220AB	75	6	99	80	255	3.42	2.75	2.25
◆	512-FDB045AN08A0	TO-263AB	75	4	92	90	310	3.67	2.95	2.42
◆	512-FDP047N08	TO-220AB	75	4.7	117	164	268	4.28	3.44	2.82
◆	512-FDB031N08	TO-263AB	75	3.1	169	235	375	4.76	3.83	3.14
◆	512-FDA032N08	TO-3FN	75	3.2	169	235	375	4.11	3.31	2.71
◆	512-FDP023N08B_F102	TO-220-3	75	1.96	150	242	245	4.48	3.60	2.95
◆	512-FDC3512	SSOT-6	80	77	13	3	1.6	.92	.715	.569
◆	512-FDS3590	SOIC-8	80	32	35	6.5	2.5	1.21	.933	.742
◆	512-FDS3580	SOIC-8	80	27	34	7.6	2.5	1.56	1.26	1.01
◆	512-FDMS3572	Power-56	80	16	28	8.8	78	2.41	1.95	1.56
◆	512-FDS3572	SOIC-8	80	16	31	8.9	2.5	1.65	1.27	1.01
◆	512-FDMC86320	Power-33	80	11.7	41	10.7	40	1.85	1.50	1.20
◆	512-FDMS86310	Power-56	80	6.7	95	17	96	1.60	1.30	1.04
◆	512-FDMS86300	Power-56	80	5.5	86	19	104	2.32	1.87	1.50
◆	512-FDMS86320	Power-56	80	11.7	41	22	69	1.85	1.50	1.20
◆	512-FDM08280	DFN-EP-12	80	8.2	9.5	40	38</			