

# FAIRCHILD Power MOSFETs



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## MEDIUM POWER MOSFETS (CONT.)

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◆ 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 <sub>DS</sub> (V)	R <sub>DS(on)</sub> (mΩ)	Q <sub>g</sub> (nC)	I <sub>D</sub> (A)	P <sub>D</sub> (W)	Price Each			
Mfr.	Mfr. Part No.							1	25	100	250
Single N-Channel (Cont.)											
◆	512-FDC8601	SuperSOT-6	100	109	3	2.7	1.6	.99	.865	.80	.688
◆	512-FQU13N10LTU	IPAK	100	180	8.7	10	2.5	.62	.55	.481	.417
◆	512-FQD19N10LTM	TO-252	100	10	14	15.6	2.5	.76	.673	.588	.51
◆	512-FDMS86103L	Power-56	100	8	23	49	104	1.97	1.58	1.17	1.12
◆	512-HUF75639P3	TO-220AB	100	25	57	56	200	1.34	1.11	.904	.857
◆	512-HUF75639G3	TO-247	100	25	57	56	200	2.52	2.25	1.94	1.55
◆	512-FDP150N10	TO-220AB	100	15	53	57	110	2.70	2.70	2.21	1.99
◆	512-FDMS86101	Power-56	100	8	22	60	104	2.34	1.91	1.71	1.32
◆	512-FDB3652	TO-220AB	100	16	41	61	150	2.07	1.86	1.60	1.28
◆	512-FDPF045N10A	TO-263AF	100	4.5	74	67	43	3.42	2.74	2.13	2.02
◆	512-FQA70N10	TO-3P	100	25	85	70	214	2.44	2.17	1.90	1.69
◆	512-FDP100N10	TO-220AB	100	0	0	75	208	2.77	2.55	2.01	1.78
◆	512-FDP090N10	TO-220AB	100	9000	89	75	208	3.30	3.10	2.70	2.44
◆	512-FDB86135	DPAK-2	100	3.5	116	75	227	4.05	3.24	2.52	2.40
◆	512-HUF75645P3	TO-220AB	100	14	106	75	310	2.64	2.35	2.06	1.74
◆	512-FDP3632	TO-220AB	100	9	84	80	310	3.22	2.89	2.64	2.38
◆	512-FDB3632	TO-263AB	100	9	84	80	310	3.54	3.17	2.80	2.41
◆	512-FDP3651U	TO-220AB	100	18	49	80	255	2.30	2.05	1.86	1.65
◆	512-FDP085N10A_F102	TO-220	100	7.35	31	96	188	2.30	1.84	1.38	1.29
◆	512-FDP045N10A_F102	TO-220	100	3.8	57	120	263	3.57	2.87	2.23	2.11
◆	512-FDB047N10	TO-263AB	100	4.7	160	164	375	4.11	3.24	3.04	2.61
◆	512-FDP047N10	TO-220AB	100	4.7	160	164	375	4.12	3.99	3.21	3.03
◆	512-FDB035N10A	TO-263AB	100	3.5	89	176	227	5.08	4.07	3.16	3.02
◆	512-FDP036N10A	TO-220AB	100	3.6	89	176	227	4.55	3.28	2.91	2.63
◆	512-FDMS86201	Power-56	120	11.5	32	35	104	1.56	1.24	.973	.922
◆	512-FDT86256	SOT-223	150	695	2	1.2	10	.48	.36	.27	.20
◆	512-FDC2512	SSOT-6	150	425	8	1.4	1.6	.68	.57	.483	.386
◆	512-FDN86246	SSOT-3	150	261	1.6	1.6	1.5	1.04	.78	.59	.44
◆	512-FDT86246	SOT-223	150	236	1.7	2.0	2.2	.90	.75	.60	.45
◆	512-FDC86244	SSOT-6	150	144	4.2	2.3	1.6	.87	.73	.58	.44
◆	512-FDT86244	SOT-223	150	128	4.9	2.8	2.2	1.20	.90	.675	.50
◆	512-FDD120AN15A0	TO-252AA	150	120	11.2	4	65	.85	.742	.686	.59
◆	512-FDS2582	SOIC-8	150	66	19	4.1	2.5	1.62	1.34	1.14	.906
◆	512-FDS86242	SOIC-8	150	67	8.9	4.1	5	1.49	1.34	1.18	1.03
◆	512-FDS86252	SOIC-8	150	55	10.6	4.5	5	1.38	1.10	.83	.77
◆	512-FDS2572	SOIC-8	150	47	29	4.9	2.5	1.64	1.45	1.26	1.10
◆	512-FDD86252	DPAK	150	41	16	5	89	.96	.80	.64	.48
◆	512-FDMS86250	Power-56	150	33	36	6.7	96	1.25	1.00	.75	.70
◆	512-FDS86240	SOIC-8	150	19.8	28	7.5	5	1.68	1.35	1.05	.99
◆	512-FQPF16N15	TO-220F	150	180	23	11.6	53	.98	.78	.688	.598
◆	512-FDMC86244	Power-33	150	134	2.4	1.5	26	1.14	.95	.76	.57
◆	512-FDMC86240	Power-33	150	51	6	16	40	1.84	1.64	1.48	1.31
*◆	512-FDD2582	TO-252	150	66	19	21	95	1.57	1.25	1.09	.954
◆	512-FDD390N15A	DPAK-2	150	33.5	18.6	26	63	1.80	1.44	1.08	1.00
◆	512-FDP2572	TO-220AB	150	54	26	29	135	1.57	1.41	1.21	.967
◆	512-FQA28N15	TO-3P	150	90	40	33	227	1.55	1.38	1.21	1.07
◆	512-FDP42AN15A0	TO-220AB	150	42	30	35	150	2.16	1.74	1.57	1.38
◆	512-FDMS86200	Power-56	150	18	33	35	104	2.10	1.72	1.54	1.33
◆	512-FDB082N15A	D2PAK	150	6.7	64.5	105	231	4.00	3.21	2.51	2.38
◆	512-FDP083N15A_F102	TO-220	150	6.85	64.5	105	231	4.00	3.21	2.51	2.38
◆	512-FDB2552	TO-263AB	150	36	41	37	150	1.76	1.56	1.37	1.22
◆	512-FDP2552	TO-220AB	150	36	41	37	150	2.41	2.15	1.88	1.67
*◆	512-FDD86250	TO-252	150	22	12.8	50	132	1.25	1.00	.75	.70
◆	512-FQA46N15	TO-3P	150	42	85	50	250	2.30	2.04	1.79	1.59
◆	512-FDP2532	TO-220AB	150	16	86	79	310	3.36	3.01	2.67	2.41
◆	512-FDB2532	TO-263AB	150	16	86	79	310	3.68	3.29	3.00	2.73
◆	512-FDB110N15A	TO-263AB	150	11	47	92	234	3.08	2.47	1.92	1.82
◆	512-FDB075N15A	TO-263AB	150	7.5	77	130	333	4.55	3.64	2.83	2.69
◆	512-FDH055N15A	TO-247	150	5.9	92	167	429	5.08	4.06	3.43	3.30
◆	512-FQT4N20LTF	SOT-223	200	1350	4	0.85	2.2	.55	.41	.343	.301
◆	512-FDS2672	SOIC-8	200	70	33	3.9	2.5	1.63	1.46	1.26	1.01
◆	512-FDD10N20LZTM	TO-252	200	360	12	4.5	5.6	.81	.68	.54	.41
◆	512-FDD7N20TM	TO-252	200	690	5	5.0	4.3	.57	.50	.437	.378
◆	512-FQD10N20CTM	TO-252	200	360	20	7.8	50	.72	.56	.487	.411
◆	512-FQD12N20LTM	TO-252	200	280	16	9.0	2.5	.81	.678	.575	.459
◆	512-FQPF10N20C	TO-220F	200	360	20	9.5	38	.78	.60	.525	.457
◆	512-IRLS640A	TO-220F	200	180	40	9.8	40	1.22	.93	.926	.823
◆	512-FQD18N20V2TM	TO-252	200	140	20	15	2.5	1.10	.911	.773	.617
◆	512-FDP18N20F	TO-220AB	200	140	20	18	100	1.14	.87	.868	.771
◆	512-FDPF18N20FT	TO-220F	200	0.14	20	18	41	1.48	1.24	.992	.744
◆	512-IRL640A	TO-220AB	200	180	40	18	110	1.13	1.02	.955	.883
◆	512-FQB19N20CTM	TO-263AB	200	170	40.5	19	3.13	1.08	.95	.833	.725
◆	512-FQP19N20C	TO-220AB	200	170	40.5	19	139	.86	.757	.642	.513
◆	512-FQPF19N20C	TO-220F	200	170	40.5	19	43	.92	.82	.715	.623
◆	512-FQP19N20	TO-220AB	200	150	31	19.4	140	1.26	1.14	.988	.867
◆	512-FQB19N20LTM	TO-263AB	200	140	27	21	3.13	1.24	1.03	.872	.696
◆	512-FQP32N20C	TO-220AB	200	82	82.5	28	156	1.53	1.20	1.08	.937
◆	512-FQPF32N20C	TO-220F	200	82	82.5	28	50	1.88	1.63	1.13	.892
◆	512-FQB34N20LTM	TO-263AB	200	75	55	31	3.13	1.94	1.73	1.53	1.38
◆	512-FQB34N20TM_AM002	TO-263AB	200	75	60	31	3.13	2.11	1.89	1.67	1.50
◆	512-FQA32N20C	TO-3P	200	82	82.5	32	204	1.73	1.54	1.35	1.14
◆	512-FDPF39N20	TO-220F	200	66	38	39	37	1.58	1.41	1.23	1.09
◆	512-FDB52N20TM	TO-263AB	200	49	49	52	357	2.11	1.89	1.67	1.50
◆	512-FDP61N20	TO-220AB	200	41	58	61	417	2.47	2.19	1.92	1.71
◆	512-FDP2614	TO-220AB	200	27	76	62	260	3.41	2.71	2.68	2.40

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Mfr.	Mfr. Part No.							1	25	100	250
Single P-Channel											
◆	512-FDD4243	TO-252	-40	44	21	-6.7	42	.57	.534	.502	.447
◆	512-FDS4685	SOIC-8	-40	27	19	-8.2	2.5	.82	.684	.58	.463
◆	512-FDS4141	SOIC-8	-40	13	19	-10.8	5	1.70	1.52	1.35	1.21
◆	512-FDS4675_F085	SOIC-8	-40	13	40	-11	2.4	1.99	1.71	1.38	1.25
◆	512-FDD4685	TO-252	-40	27	19	-32	69	1.01	.837	.711	.567
◆	512-FDD4141	TO-252	-40	12	19	-50	69	.98	.86	.756	.658
◆	512-BSS84	SOT-23	-50	10000	0.9	-0.13	0.36	.08	.069	.058	.047
◆											