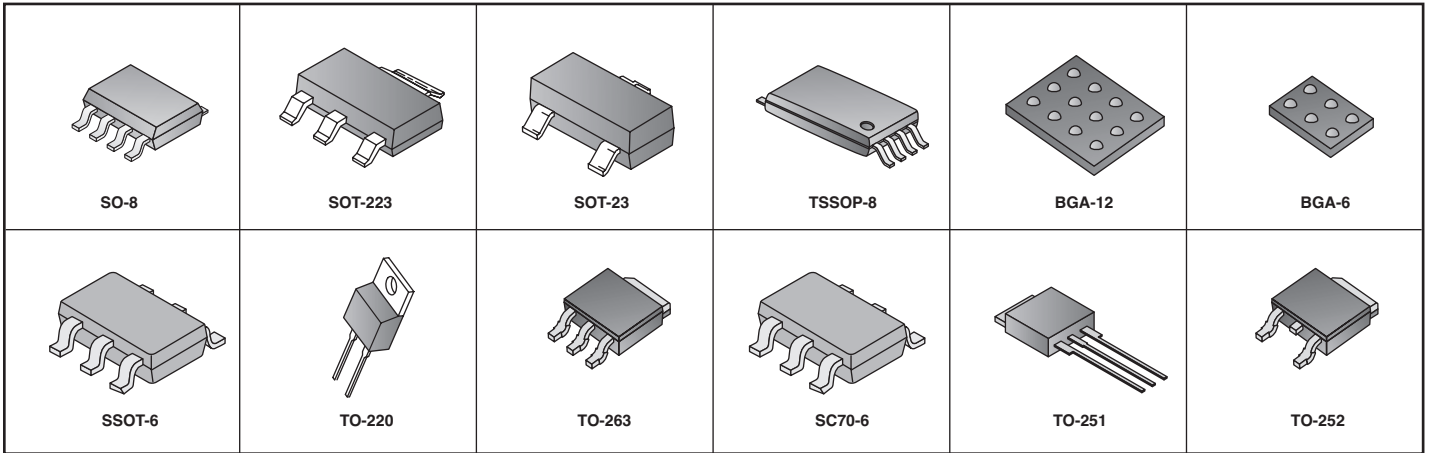


FAIRCHILD Power MOSFETs

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

MOSFETs

Fairchild



FAIRCHILD LOW POWER MOSFETs

◆ Surface Mount Device

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.		Package	VDS (V)	RDS (on) (mΩ)	Qg (nC)	ID (A)	PD (W)	Price Each			
Mfr.	Mfr. Part No.							1	25	100	250
Single P-Channel											
◆ 512—NDS9435A	SO-8	-30	50	10	5.3	2.5	.79	.67	.50	.47	
◆ 512—NDT456P	SOT-223	-30	30	47	7.5	3	1.46	1.17	.874	.874	
◆ 512—NDS352AP	SOT-23	-30	125	2	0.9	0.5	.44	.37	.27	.26	
◆ 512—FDW256P	TSSOP-8	-30	13	28	8	1.3	2.06	1.80	1.50	1.08	
◆ 512—FDV302P	SOT-23	-25	10000	0.22	0.12	0.35	.17	.15	.13	.09	
◆ 512—FDV304P	SOT-23	-25	1100	1.1	0.46	0.35	.42	.42	.31	.22	
◆ 512—FDZ202P	BGA-12	-20	45	9	5.5	2	.67	.59	.488	.352	
◆ 512—FDZ204P	BGA-6	-20	45	9	4.5	1.8	.88	.77	.64	.46	
◆ 512—FDN338P	SOT-23	-20	115	4.4	1.6	0.5	.52	.42	.30	.22	
◆ 512—NDS332P	SOT-23	-20	300	3.7	1	0.5	.37	.32	.27	.23	
◆ 512—FDC638P	SSOT-6	-20	48	10	4.5	1.6	.60	.48	.36	.29	
◆ 512—NDP6020P	TO-220	-20	50	25	24	60	1.48	1.27	1.06	.888	
◆ 512—FDB6021P	TO-263	-20	30	20	28	37	1.16	1.02	.85	.611	
◆ 512—NDB6020P	TO-263	-20	50	25	24	60	1.24	1.07	.888	.745	
◆ 512—FDV252P	TSSOP-8	-20	12	41	8.8	1.3	1.15	1.00	.83	.601	
◆ 512—FDW254P	TSSOP-8	-20	12	60	9.2	1.3	1.15	1.00	.83	.601	
◆ 512—FDW262P	TSSOP-8	-20	47	13	4.5	1.3	.86	.76	.63	.45	
Single N-Channel											
◆ 512—FDZ201N	BGA-12	20	18	11	9	2	.98	.814	.651	.488	
◆ 512—FDZ203N	BGA-6	20	18	11	7.5	1.6	1.03	.905	.747	.54	
◆ 512—FDG311N	SC70-6	20	115	3	1.9	0.75	.47	.41	.34	.24	
◆ 512—FDS6064N3	SO-8	20	4	70	23	3	1.53	1.22	.92	.89	
◆ 512—FDS6162N7	SO-8	20	3	52	23	3	1.74	1.39	1.04	1.00	
◆ 512—FDN335N	SOT-23	20	70	3.5	1.7	0.5	.40	.32	.24	.17	
◆ 512—FDV305N	SOT-23	20	220	1.1	0.9	0.35	.47	.41	.34	.24	
◆ 512—NDS331N	SOT-23	20	160	3.5	1.3	0.5	.38	.32	.27	.23	
◆ 512—NDS335N	SOT-23	20	110	6.4	1.7	0.5	.39	.33	.28	.24	
◆ 512—FDU6512A	TO-251	20	21	12	36	43	1.49	1.31	1.08	.783	
◆ 512—FDD6530A	TO-252	20	32	6.5	21	33	.84	.74	.61	.44	
◆ 512—FDV301N	SOT-23	25	4000	0.49	0.22	0.35	.13	.12	.10	.07	
◆ 512—FDV303N	SOT-23	25	450	1.64	0.68	0.35	.33	.26	.17	.13	
◆ 512—FDS6670A	SO-8	30	8	21	13	2.5	1.45	1.16	.872	.872	
◆ 512—FDS6690A	SO-8	30	12	12	11	2.5	.74	.573	.43	.344	
◆ 512—FDN337N	SOT-23	30	65	7	2.2	0.5	.50	.399	.291	.206	
◆ 512—FDN357N	SOT-23	30	60	4.2	1.9	0.5	.47	.39	.29	.25	
◆ 512—NDS351AN	SOT-23	30	160	1.3	1.4	0.5	.29	.25	.21	.18	
◆ 512—NDS355AN	SOT-23	30	85	3.5	1.7	0.5	.38	.323	.243	.189	
◆ 512—FDC796N	SSOT-6	30	9	14	12.5	1.8	1.10	.919	.735	.735	
◆ 512—NDC651N	SSOT-6	30	60	10	3.2	1.6	.68	.59	.44	.41	
◆ 512—FDP6030BL	TO-220	30	18	12	40	60	1.23	1.08	.888	.649	
◆ 512—FDP7030BL	TO-220	30	9	17	60	60	1.56	1.36	1.13	.811	
◆ 512—FDP8030L	TO-220	30	3	120	80	187	7.57	6.63	2.21	2.21	
◆ 512—FDD6670A	TO-252	30	8	18	66	63	1.38	1.15	.923	.916	
◆ 512—FDB6030BL	TO-263	30	18	12	40	60	1.23	1.08	.888	.649	
Dual P-Channel											
◆ 512—FDS9953A	SO-8	-30	130	2.5	2.9	2	.95	.83	.687	.496	
◆ 512—FDC6506P	SSOT-6	-30	170	2.3	1.8	0.96	.58	.44	.33	.33	
◆ 512—FDG6302P	SC70-6	-25	10000	0.22	0.14	0.3	.26	.23	.19	.14	
◆ 512—FDG6304P	SC70-6	-25	32	1.1	0.41	0.3	.45	.36	.27	.24	
◆ 512—FDC6302P	SSOT-6	-25	13000	0.22	0.12	0.9	.43	.37	.31	.22	
◆ 512—FDG6306P	SC70-6	-25	5000	1.4	0.6	0.3	.43	.37	.31	.22	
◆ 512—FDG6308P	SC70-6	-20	400	1.8	0.6	0.3	.60	.52	.43	.31	
◆ 512—FDS9933A	SO-8	-20	75	8	3.8	2	1.15	1.00	.831	.601	
◆ 512—FDC6306P	SSOT-6	-20	170	3	1.9	0.96	.48	.38	.29	.23	

◆ Surface Mount Device

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MOUSER STOCK NO.		Package	VDS (V)	RDS (on) (mΩ)	Qg (nC)	ID (A)	PD (W)	Price Each			
Mfr.	Mfr. Part No.							1	25	100	250
Dual P-Channel (cont.)											
◆ 512—FDC6310P	SSOT-6	-20	125	3.7	2.2	0.96	.59	.52	.43	.31	
◆ 512—FDC6312P	SSOT-6	-20	115	4.4	2.3	0.96	.43	.36	.27	.19	
◆ 512—FDW2504P	TSSOP-8	-20	43	9.7	3.8	1	1.15	1.00	.83	.601	
◆ 512—FDW2506P	TSSOP-8	-20	22	21	5.3	1	1.51	1.33	1.10	.792	
◆ 512—FDG6316P	SC70-6	-12	270	1.7	0.7	0.3	.41	.36	.30	.21	
◆ 512—FDC2508P	TSSOP-8	-12	18	26	6	1.3	1.28	1.13	.926	.678	
Dual N-Channel											
◆ 512—FDS9926A	SO-8	20	30	6.2	6.5	2	.69	.53	.40	.34	
◆ 512—FDC6401N	SSOT-6	20	70	3.3	3	0.96	.48	.40	.30	.21	
◆ 512—FDW2501N	TSSOP-8	20	18	14	6	1	1.01	.878	.735	.525	
◆ 512—FDW9926A	TSSOP-8	20	32	6.1	4.5	1	.67	.59	.49	.35	
◆ 512—FDG6301N	SC70-6	25	4000	0.29	0.22	0.3	.43	.34	.26	.21	
◆ 512—FDG6303N	SC70-6	25	450	1.64	0.5	0.3	.43	.34	.26	.21	
◆ 512—FDC6301N	SSOT-6	25	4000	0.49	0.22	0.9	.43	.36	.27	.22	
◆ 512—FDC6303N	SSOT-6	25	450	1.64	0.68	0.9	.43	.36	.27	.22	
◆ 512—FDS6961A	SO-8	30	90	2.1	3.5	2	.80	.70	.58	.42	
◆ 512—FDC6561AN	SSOT-6	30	95	2.1	2.5	0.9	.50	.38	.28	.28	
SyncFET - N-Channel											
◆ 512—FDS6680S	SO-8	30	-	17	11.5	2.5	1.37	1.20	.993	.725	
◆ 512—FDS7764S	SO-8	30	9	25	13.5	2.5	2.06	1.80	1.50	1.08	
◆ 512—FDN372S	SOT-23	30	40	5.8	2.6	0.5	.46	.40	.33	.24	
Dual (MOSFET & SyncFET) N-Channel											
◆ 512—FDS6984S	SO-8	30	19	11	8.5	2	1.19	1.04	.859	.63	
◆ 512—FDC6994S	SO-8	30	21	8	6.9	2	2.11	1.84	1.53	1.11	
Dual Common Drain - N-Channel											
◆ 512—FDW2507N	TSSOP-8	20	19	20	7.5	1.6	1.37	1.20	.993	.725	
Complementary N & P Channel											
◆ 512—FDC6420C	SSOT-6	20	70	3.3	3	0.96	.63	.55	.45	.33	
◆ 512—FDW2520C	TSSOP-8	-20	18	14	6	1	.95	.79	.632	.632	
◆ 512—FDW2521C	TSSOP-8	-20	21	12	5.5	1	1.45	1.27	1.05	.764	
◆ 512—FDG6321C	SC70-6	25	450	1.64	0.5	0.3	.54	.47	.39	.28	
◆ 512—FDG6322C	SC70-6	25	4000	1.1	0.41	0.3	.41	.34	.26	.21	
◆ 512—FDC6320C	SSOT-6	25	5000	0.29	0.22	0.9	.48	.42	.35	.25	
◆ 512—FDC6321C	SSOT-6	25	5000	0.23	0.12	0.9	.59	.52	.43	.31	
◆ 512—FDG6321C	SC70-6	25	450	1.64	0.68	0.9	.54	.47	.39	.28	
◆ 512—FDG6322C	SC70-6	25	4000	1.1	0.41	0.3	.41	.34	.26	.21	
◆ 512—FDC6320C	SSOT-6	25	5000	0.29	0.22	0.9	.48	.42	.35	.25	
◆ 512—FDC6321C	SSOT-6	25	5000	0.23	0.12	0.9	.59	.52	.43	.31	
◆ 512—FDS8958A	SO-8	30	28	10.7	7	2	.87	.725	.58	.535	
◆ 512—FDC6333C	SSOT-6	30	95	4.7	2.5	0.96	.44	.33	.25	.22	