

# FAIRCHILD Power MOSFETs

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

**FAIRCHILD**  
SEMICONDUCTOR

## 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—FDC365P	SSOT-6	-35	55	11	-4.3	1.6				
◆	512—FDD6637	TO-252	-35	11	45	55	57				
◆	512—FDMA530PZ	MicroFet-6	-30	35	16	6.8	2.4				
◆	512—FDS4435BZ	SO-8	-30	20	16.5	8.8	2.5				
◆	512—FDS9435A	SO-8	-30	50	10	5.3	2.5				
◆	512—FDS9400A	SO-8	-30	130	2.4	3.4	2.5				
◆	512—FDT458P	SOT-223	-30	130	2.5	3.4	3				
◆	512—FDN358P	SSOT-3	-30	125	4	1.5	0.5				
◆	512—FDC610PZ	SSOT-6	-30	42	9	4.9	1.6				
◆	512—FDD6685	TO-252-3	-30	20	17	40	52				
◆	512—FDMC4435BZ	Power-33	-30	20	17	-18	31				
◆	512—FDS6679AZ	SOIC-8	-30	9	38	13	2.5				
◆	512—FDS6673BZ	SOIC-8	-30	7	46	14.5	2.5				
◆	512—FDS6675BZ	SOIC-8	-30	13	25	11	2.5				
◆	512—FDS6681Z	SOIC-8	-30	4	105	20	2.5				
◆	512—NDT452AP	SOT-223	-30	65	22	5	3				
◆	512—NDT456P	SOT-223	-30	30	47	7.5	3				
◆	512—FDN360P	SSOT-3	-30	80	6.2	2	0.5				
◆	512—FDC658AP	SSOT-6	-30	50	6	4	1.6				
◆	512—FDC654P	SSOT-6	-30	75	6.2	3.6	1.6				
◆	512—FDW256P	TSSOP-8	-30	13	28	8	1.3				
◆	512—FDN352AP	TTJ23	-30	180	1.4	1.3	0.5				
◆	512—FDV302P	SOT-23	-25	10000	0.22	0.12	0.35				
◆	512—FDV304P	SOT-23	-25	1100	1.1	0.46	0.35				
◆	512—FDZ206P	BGA-30	-20	9	38	13	2.2				
◆	512—FDFME2P823ZT	MicroFet-6	-20	142	5.5	2.3	1.3				
◆	512—FDMA291P	MicroFet-6	-20	42	10	6.6	2.4				
◆	512—FDMA510PZ	MicroFet-6	-20	30	19	7.8	2.4				
◆	512—FDS6576	SOIC-8	-20	14	43	-11	2.5				
◆	512—FDG312P	SC70-6	-20	180	3.3	1.2	0.75				
◆	512—FDG328P	SC70-6	-20	145	3.7	1.5	0.75				
◆	512—FDY100PZ	SC-89	-20	1200	1	0.35	0.625				
◆	512—FDG332PZ	SO-8	-20	95	7.6	2.6	0.75				
◆	512—FDS6375	SO-8	-20	24	23	8	2.5				
◆	512—FDN340P	SSOT-3	-20	70	7.2	2	0.5				
◆	512—FDN336P	SSOT-3	-20	200	3.6	1.2	0.5				
◆	512—FDN308P	SSOT-3	-20	125	3.8	1.5	0.5				
◆	512—FDC638APZ	SSOT-6	-20	43	8	4.5	1.6				
◆	512—FDC608PZ	SSOT-6	-20	30	17	5.8	1.6				
◆	512—FDC604P	SSOT-6	-20	33	19	5.5	1.6				
◆	512—FDC634P	SSOT-6	-20	80	7.2	3.5	1.6				
◆	512—FDZ191P	WL-CSP	-20	85	9	3	1.5				
◆	512—FDZ293P	BGA-6	-20	44	7.5	4.6	1.7				
◆	512—FDS9431A	SOIC-8	-20	130	6	3.5	2.5				
◆	512—FDS4465	SOIC-8	-20	8	86	13.5	2.5				
◆	512—FDT434P	SOT-223	-20	50	13	6	3				
◆	512—FDN338P	SOT-23	-20	115	4.4	1.6	0.5				
◆	512—NDS332P	SOT-23	-20	300	3.7	1	0.5				
◆	512—FDN304PZ	SSOT-3	-20	52	12	2.4	0.5				
◆	512—FDN302P	SSOT-3	-20	55	9	2.4	0.5				
◆	512—FDN342P	SSOT-3	-20	80	6.3	2	0.5				
◆	512—FDN304P	SSOT-3	-20	52	12	2.4	0.5				
◆	512—FDC602P	SSOT-6	-20	35	14	5.5	1.6				
◆	512—FDC640P	SSOT-6	-20	53	9	4.5	1.6				
◆	512—FDC642P	SSOT-6	-20	65	7.2	4	1.6				
◆	512—FDC638P	SSOT-6	-20	48	10	4.5	1.6				
◆	512—NDP6020P	TO-220	-20	50	25	24	60				
◆	512—NDB6020P	TO-263	-20	50	25	24	60				
◆	512—FDW252P	TSSOP-8	-20	12	41	8.8	1.3				
◆	512—FDW254P	TSSOP-8	-20	12	60	9.2	1.3				
◆	512—FDN306P	SSOT-3	-12	20	12	2.6	0.5				
◆	512—FDG330P	SC70-6	-12	110	5	2	0.75				
◆	512—FDC606P	SSOT-6	-12	26	18	6	1.6				
Single N-Channel											
◆	512—FDMC8554	Power 33	20	5	24	20	41				
◆	512—FDG327N	SC70-6	20	90	4.5	1.5	0.42				
◆	512—FDY301NZ	SC-89	20	5000	0.8	0.2	0.625				
◆	512—FDS6574A	SO-8	20	6	75	16	2.5				
◆	512—FDMA410NZ	MicroFet-6	20	23	10	9.5	2.4				
◆	512—FDC637BNZ	SSOT-6	20	24	8	6.2	1.6				
◆	512—FDD8580	TO-252	20	9	19	35	49.5				
◆	512—FDD3706	TO-252	20	9	16	50	44				
◆	512—FDG311N	SC70-6	20	115	3	1.9	0.75				

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Mfr.	Mfr. Part No.							1	25	100	250
Single N-Channel (Cont.)											
◆	512—FDY300NZ	SC89-3L	20	700	0.8	0.6	625				
◆	512—FDN335N	SOT-23	20	70	3.5	1.7	0.5				
◆	512—FDV305N	SOT-23	20	220	1.1	0.9	0.35				
◆	512—NDS331N	SOT-23	20	160	3.5	1.3	0.5				
◆	512—FDN327N	SSOT-3	20	70	4.5	2	0.5				
◆	512—FDN339AN	SSOT-3	20	35	7	3	0.5				
◆	512—FDC637AN	SSOT-6	20	24	10.5	6.2	1.6				
◆	512—FDD6530A	TO-252	20	32	6.5	21	33				
◆	512—FDM57578	Power-56	25	5.8	18	28	33				
◆	512—FDM57580	Power-56	25	7.5	14	28	27				
◆	512—FDMC7572S	Power-33	25	3.15	44	40	52				
◆	512—FDMC7570S	Power-33	25	2.0	68	40	59				
◆	512—FDD6780	TO-252	25	8.5	11	30	33				
◆	512—FDG313N	SC70-6	25	450	1.64	0.95	0.75				
◆	512—FDD8782	TO-252	25	11	9.4	35	50				
◆	512—FDV301N	SOT-23	25	4000	0.49	0.22	0.35				
◆	512—FDV303N	SOT-23	25	450	1.64	0.68	0.35				
◆	512—FDMC8854	Power 33	30	5	41	15	41				
◆	512—FDM58692	Power 56	30	9	8	28	41				
◆	512—FDM58674	Power 56	30	5	14	21	78				
◆	512—FDM58670AS	Power 56	30	3	20	42	50				
◆	512—FDM58660AS	Power 56	30	2	30	49	104				
◆	512—FDM58662	Power 56	30	2	33	49	83				
◆	512—FDM58680	Power-56	30	7	10	35	50				
◆	512—FDMC8296	Power-33	30	8	7.6	18	27				
◆	512—FDMC8651	Power-33	30	6.1	19.4	20	41				
◆	512—FDMC8884	Power-33	30	19	5	15	18				
◆	512—FDM58670	Power-56	30	2.6	23	42	78				
◆	512—FDM58880	Power-56	30	8.5	13	21	42				
◆	512—FDP8874	TO-220	30	5.3	56	114	110				
◆	512—FDG315N	SC70-6	30	120	2.1	2	0.75				
◆	512—FDS8876	SO-8	30	8	15	12.5	2.5				
◆	512—FDS8690	SO-8	30	7	10	14	2.5				
◆	512—FDS8878	SO-8	30	14	9	10.2	2.5				
◆	512—FDS8672S	SO-8	30	4	29	18	2.5				
◆	512—FDS8670	SO-8	30	3	30	21	2.5				
◆	512—FDS8870	SO-8	30	4	45	18	2.5				
◆	512—FDS8812NZ	SO-8	30	4	49	20	2.5				
◆	512—FDS6680A	SO-8	30	9	16	12.5	2.5				
◆	512—FDN361BN	SSOT									