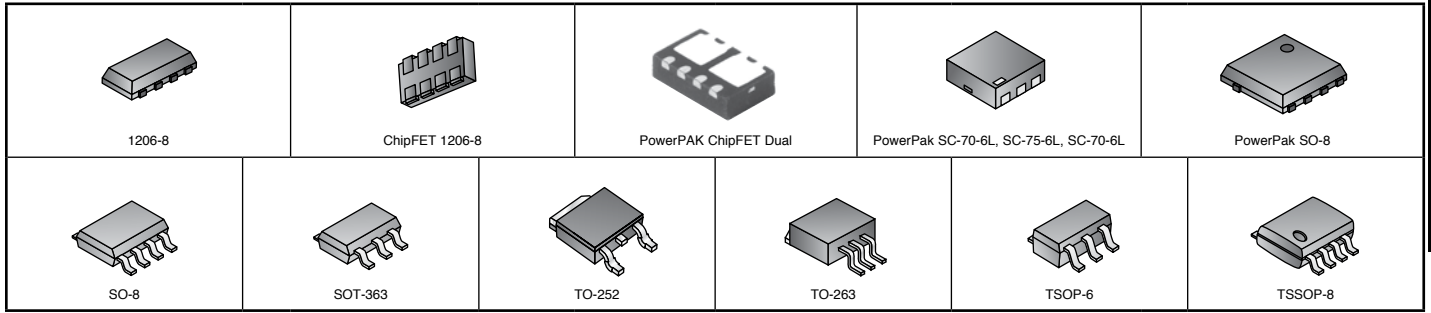


# SILICONIX MOSFET Transistors

RoHS Compliant This product is RoHS compliant.



## P-CHANNEL TRENCHFET® MOSFETS (DUAL CONFIGURATION) (CONT.)



Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Siliconix Part No.	Package	V <sub>DS</sub> (Max) (V)	I <sub>D</sub> (Max) (A)	I <sub>DM</sub> (Max) (A)	R <sub>DS(on)</sub> Max (Ω) @				P <sub>D</sub> (Max) (W)	Price Each			
						V <sub>GS</sub> =10V	V <sub>GS</sub> =4.5V	V <sub>GS</sub> =2.5V	V <sub>GS</sub> =1.8V		1	100	500	1000
◆ 781-SI1903DL-E3	SI1903DL-T1-E3	SOT-363	-20	±0.44	±1.0	-----	0.995	1.180	1.100	0.27	.53	.316	.235	.182
◆ 781-SI1913DH-T1-E3	SI1913DH-T1-E3	SOT-363	-20	-1.0	-3.0	-----	0.490	0.750	1.000	0.74	.53	.316	.235	.182
◆ 781-SI1913EDH-E3	SI1913EDH-T1-E3	SOT-363	-20	-1.0	-3.0	-----	0.490	0.750	1.100	0.74	.75	.60	.58	.522
◆ 781-SI1967DH-T1-GE3	SI1967DH-T1-GE3	SOT-363	-20	-1.3	-3	-----	0.49	0.64	0.79	1.25	.49	.28	.21	.16
◆ 781-SIB911DK-T1-GE3	SI911DK-T1-GE3	SC-75-6L	-20	-2.6	-5.0	-----	0.295	0.420	0.560	3.1	.75	.51	.374	.297
◆ 781-SI3951DV-T1-E3	SI3951DV-T1-E3	TSOP-6	-20	-2.7	-10	-----	0.115	0.205	-----	2.0	.53	.31	.23	.182
◆ 781-SI5903DC-E3	SI5903DC-T1-E3	1206-8	-20	±2.9	±10	-----	0.155	0.260	-----	2.1	1.19	.84	.65	.51
◆ 781-SIA911ADJ-GE3	SI911ADJ-T1-GE3	SC-70-6L	-20	-4.5	-8.0	-----	0.116	0.155	0.205	6.5	.51	.348	.288	.228
◆ 781-SIA921EDJ-GE3	SI921EDJ-T1-GE3	SC-70-6L	-20	-4.5	-15	-----	0.059	0.098	-----	7.8	.44	.27	.26	.23
◆ 781-SIA923EDJ-T1-GE3	SI923EDJ-T1-GE3	PowerPAK SC-70-6	-20	-4.5	-15	-----	0.044	0.057	0.075	1.9	.72	.48	.35	.27
◆ 781-SI6981DQ-T1-E3	SI6981DQ-T1-E3	TSSOP-8	-20	-4.8	-30	-----	0.031	0.041	0.058	1.14	1.64	1.16	.90	.71
◆ 781-SI5999EDU-T1-GE3	SI5999EDU-T1-GE3	PowerPAK ChipFET Dual	-20	-6	-20	-----	0.059	0.096	-----	10.4	.65	.44	.32	.25
◆ 781-SI4943BDY-E3	SI4943BDY-T1-E3	SO-8	-20	-8.4	-30	0.019	0.031	-----	-----	2.0	2.35	1.64	1.27	1.07
◆ 781-SI4947ADY-T1-E3	SI4947ADY-T1-E3	SO-8	-30	-3.9	-20	0.080	0.135	-----	-----	1.2	1.00	.68	.49	.39
◆ 781-SI6993DQ-E3	SI6993DQ-T1-E3	TSSOP-8	-30	-4.7	-30	0.031	0.048	-----	-----	0.83	1.89	1.32	1.02	.86
◆ 781-SI4953ADY-T1-E3	SI4953ADY-T1-E3	SO-8	-30	-4.9	-30	0.053	0.090	-----	-----	1.1	.95	.65	.47	.37
◆ 781-SI4925BDY-T1-E3	SI4925BDY-T1-E3	SO-8	-30	-7.1	-40	0.025	0.041	-----	-----	1.1	1.19	.84	.65	.51
◆ 781-SI4973DY-T1-E3	SI4973DY-T1-E3	SO-8	-30	-7.6	-30	0.023	0.029 @ 6V	-----	-----	2.0	3.74	2.22	1.55	1.15
◆ 781-SI7945DP-T1-E3	SI7945DP-T1-E3	SO-8	-30	-10.9	-30	0.020	0.031	-----	-----	3.5	3.01	2.10	1.63	1.30
◆ 781-SI7997DP-T1-GE3	SI7997DP-T1-GE3	PowerPAK SO-8	-30	-60	-100	0.0055	0.0078	-----	-----	46	2.48	1.72	1.33	1.12

## P-CHANNEL LOGIC LEVEL TRENCHFET® MOSFETS (SINGLE CONFIGURATION)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Siliconix Part No.	Package	V <sub>DS</sub> (Max)(V)	I <sub>D</sub> (Max)(A)	I <sub>DM</sub> (Max)(A)	R <sub>DS(on)</sub> Max (Ω) @				P <sub>D</sub> (Max) (W)	Price Each			
						V <sub>GS</sub> =10V	V <sub>GS</sub> =4.5V	V <sub>GS</sub> =2.5V	V <sub>GS</sub> =1.8V		1	100	500	1000
◆ 781-SUD50P04-13L-E3	SUD50P04-13L-E3	TO-252	-40	-60	-100	0.0130	0.0220	-----	-----	93.7	2.82	1.90	1.57	1.25
◆ 781-SUD08P06-155L-E3	SUD08P06-155L-E3	TO-252	-60	-8.4	-18	0.1550	0.2800	-----	-----	25	.79	.54	.39	.315
◆ 781-SUM110P06-07L-E3	SUM110P06-07L-E3	TO-263	-60	-110	-240	0.0069	0.0138	-----	-----	375	3.05	2.23	1.52	1.45

## N & P-CHANNEL MOSFETS (DUAL CONFIGURATION)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Siliconix Part No.	Package	V <sub>DS</sub> (Max)(V)	I <sub>D</sub> (Max)(A)	I <sub>DM</sub> (Max)(A)	R <sub>DS(on)</sub> Max (Ω) @				P <sub>D</sub> (Max) (W)	Price Each			
						V <sub>GS</sub> =10V	V <sub>GS</sub> =4.5V	V <sub>GS</sub> =2.5V	V <sub>GS</sub> =1.8V		1	100	500	1000
◆ 781-SI3850ADV-T1-E3	SI3850ADV-T1-E3	TSOP-6	+20/-20	+1.4/-0.96	+3.5/-2.0	-----/-----	0.300/0.640	-----/-----	-----/-----	1.08/1.08	.66	.45	.33	.26

## N & P-CHANNEL TRENCHFET® MOSFETS (DUAL CONFIGURATION)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Siliconix Part No.	Package	V <sub>DS</sub> (Max)(V)	I <sub>D</sub> (Max)(A)	I <sub>DM</sub> (Max)(A)	R <sub>DS(on)</sub> Max (Ω) @				P <sub>D</sub> (Max) (W)	Price Each			
						V <sub>GS</sub> =10V	V <sub>GS</sub> =4.5V	V <sub>GS</sub> =2.5V	V <sub>GS</sub> =1.8V		1	100	500	1000
◆ 781-SIA511DJ-T1-GE3	SI511DJ-T1-GE3	SC-70-6L	+12/-12	+4.5/+4.5	+20/-10	-----/-----	0.040/0.070	0.048/0.100	0.063/0.140	6.5/6.5	1.01	.69	.56	.44
◆ 781-SIA533EDJ-T1-GE3	SI533EDJ-T1-GE3	PowerPAK SC-70-6	+12/-12	+4.5/+4.5	+20/-15	-----/-----	0.034/0.059	.04/.081	.05/.115	7.8/7.8	.73	.43	.32	.24
◆ 781-SI7540DP-T1-E3	SI7540DP-T1-E3	SO-8	+12/-12	+11.8/-8.9	20/20	-----/-----	0.017/0.032	0.025/0.053	-----/-----	1.4/1.4	1.97	1.37	1.06	.90
◆ 781-SI1555DL-E3	SI1555DL-T1-E3	SOT-363	+20/-8.0	+0.70/-0.60	+1.0/-1.0	-----/-----	0.385/0.600	0.630/0.850	-----/1.200	0.27/0.27	.57	.304	.21	.156
◆ 781-SI1551DL-E3	SI1551DL-T1-E3	SOT-363	+20/+20	+0.30/+0.44	+0.60/-1.0	-----/-----	1.900/0.995	4.200/1.800	-----/-----	0.27/0.27	.60	.323	.224	.166
◆ 781-SI1553DL-E3	SI1553DL-T1-E3	SOT-363	+20/+20	±0.7/±0.44	±1.0/±1.0	-----/-----	0.385/0.995	0.630/1.800	-----/-----	0.27/0.27	.60	.323	.224	.166
◆ 781-SI1563DH-T1-E3	SI1563DH-T1-E3	SOT-363	+20/+20	+1.28/-1.0	+4.0/-3.0	-----/-----	0.280/0.490	0.360/0.750	0.450/1.100	0.57/0.57	.59	.35	.264	.205
◆ 781-SI3585DV-E3	SI3585DV-T1-E3	TSOP-6	+20/+20	+2.4/-1.8	+8.0/-7.0	-----/-----	0.125/0.200	0.200/0.340	-----/-----	0.83/0.83	.69	.41	.30	.23
◆ 781-SI3588DV-E3	SI3588DV-T1-E3	TSOP-6	+20/+20	+3.0/-2.2	±8.0/±8.0	-----/-----	0.080/0.145	0.100/0.200	0.128/0.300	0.83/0.83	1.00	.71	.55	.43
◆ 781-SI5513CDC-T1-GE3	SI5513CDC-T1-GE3	ChipFET 1206-8	+20/+20	+4/-3.7	+10/-8	-----/-----	.036/.1	.041/.12	.05/.156	3.1/3.1	.91	.62	.45	.35
◆ 781-SI5513CDC-T1-GE3	SI5513CDC-T1-GE3	ChipFET 1206-8	+20/+20	+4/-3.7	+10/-8	-----/-----	.055/.15	.085/.255	-----/-----	3.1/3.1	.73	.43	.32	.24
◆ 781-SI6562DQ-E3	SI6562DQ-T1-E3	TSSOP-8	+20/+20	±4.5/±3.5	±30/±30	-----/-----	0.030/0.050	0.040/0.085	-----/-----	1.0/1.0	1.55	1.09	.85	.67
◆ 781-SIA519EDJ-T1-GE3	SI519EDJ-T1-GE3	PowerPAK SC-70-6 Dual	+20/+20	+4.5/+4.5	+15/-15	-----/-----	.04/.09	.065/.137	-----/-----	7.8/7.8	.73	.43	.32	.24
◆ 781-SI4500BDY-E3	SI4500BDY-T1-E3	SO-8	+20/+20	+9.1/-5.3	+30/+20	-----/-----	0.020/0.060	0.030/0.100	-----/-----	1.3/1.3	1.19	.84	.646	.459
◆ 781-SI4511DY-T1-E3	SI4511DY-T1-E3	SO-8	+20/+20	+9.6/-6.2	+40/+40	0.0145/-----	0.017/0.033	-----/0.050	-----/-----	1.1/1.1	1.82	1.24	.912	.648
◆ 781-SI1539DL-E3	SI1539DL-T1-E3	SOT-363	+30/-30	+0.63/-0.45	+1.0/+1.0	-----/-----	0.480/0.940	0.700/1.700	-----/-----	0.27/0.27	.53	.316	.235	.182
◆ 781-SI3552DV-E3	SI3552DV-T1-E3	TSOP-6	+30/+30	+2.5/-1.8	+1.05/-1.05	0.105/0.200	0.175/0.360	-----/-----	-----/-----	1.15/1.15	.92	.63	.46	.36
◆ 781-SI5504DC-E3	SI5504DC-T1-E3	1206-8	+30/+30	±3.9/±2.8	±10/±10	0.085/0.165	0.143/0.290	-----/-----	-----/-----	0.90/0.90	2.17	1.51	1.17	.99
◆ 781-SI6544BDQ-E3	SI6544BDQ-T1-E3	TSSOP-8	+30/+30	+4.3/+3.8	+20/+20	0.032/0.043	0.046/0.073	-----/-----	-----/-----	0.83/0.83	1.18	.95	.897	.812
◆ 781-SI4532ADY-T1-E3	SI4532ADY-T1-E3	SO-8	+30/+30	+4.9/+3.9	+20/+20	0.053/0.080	0.075/0.135	-----/-----	-----/-----	1.13/1.2	.78	.65	.63	.393
◆ 781-SI4542DY-T1-E3	SI4542DY-T1-E3	SO-8	+30/+30	+6.9/+6.1	+40/+40	0.025/0.032	0.035/0.045	-----/-----	-----/-----	2.0/2.0	3.38	2.82	2.73	1.70
◆ 781-SI4564DY-T1-GE3	SI4564DY-T1-GE3	SO-8	+40/+40	+10/-9.2	+40/+40	.0175/.021	.02/.028	-----/-----	-----/-----	3.1/3.2	1.51	1.07	.83	.65
◆ 781-SI4559ADY-T1-GE3	SI4559ADY-T1-GE3	SO-8	+60/+60	±45/±3.1	±30/±30	0.025/0.032	0.35/0.045	-----/-----	-----/-----	2.4/2.4	1.51	1.07	.83	.65