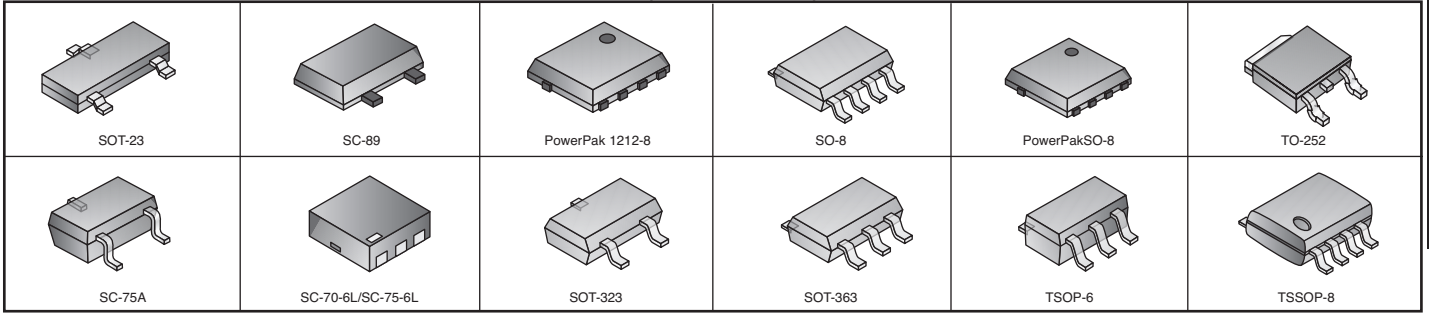


# SILICONIX MOSFET Transistors

This product is RoHS compliant.



## N-CHANNEL LITTLEFOOT PLUS™ TRENCHFET MOSFETS (DUAL CONFIGURATION)

RoHS Compliant

NEW FROM SUPPLIER

For quantities of 2000 and up, 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		1	100	500	1000
◆ 781-SI4818DY-T1-E3	SI4818DY-T1-E3	SO-8	30	6.3/9.5	30/40	0.022/0.0155	0.030/0.0205	1.0/1.25	1.55	1.26	1.18	1.07
◆ 781-SI4816BDY-E3	SI4816BDY-T1-E3	SO-8	30	7.8/11.4	30/40	0.0185/0.0115	0.0225/0.016	1.0/1.25	2.06	1.39	1.15	.91
◆ 781-SI7872DP-T1-E3	SI7872DP-T1-E3	PowerPakSO-8	30	10	30	0.022/0.022	0.030/0.028	1.4	1.62	1.31	1.23	1.12
◆ 781-SI7842DP-E3	SI7842DP-T1-E3	PowerPakSO-8	30	10	30	0.022/0.022	0.030/0.030	3.5	2.05	1.50	1.33	.962
◆ 781-SI4830ADY-E3	SI4830ADY-T1-E3	SO-8	30	7.5	30	0.022/0.022	0.030/0.030	1.1	1.05	.86	.80	.73
◆ 781-SI4834BDY-E3	SI4834BDY-T1-E3	SO-8	30	7.5	30	0.022/0.022	0.030/0.030	1.1	1.28	1.04	.98	.648

## N-CHANNEL TRENCHFET MOSFETS (SINGLE CONFIGURATION)

RoHS Compliant

NEW FROM SUPPLIER

For quantities of 2000 and up, 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-SIB414DK-T1-GE3	SIB414DK-T1-GE3	SC-75-6L	8	9.0	20	-----	0.0260	0.0300	0.0370	13	.41	.36	.345	.332
◆ 781-SIA414DJ-T1-GE3	SIA414DJ-T1-GE3	SC-70-6L	8	12	40	-----	0.0110	0.0130	0.0160	19	.47	.41	.394	.38
◆ 781-SI4838DY-T1-E3	SI4838DY-T1-E3	SO-8	12	25	60	-----	0.0030	0.0040	-----	1.6	2.50	2.30	2.05	1.54
◆ 781-SI7858ADP-T1-E3	SI7858ADP-T1-E3	PowerPakSO-8	12	29	60	-----	0.0026	0.0037	-----	5.4	2.88	2.33	2.19	1.75
◆ 781-SIR494DP-GE3	SIR494DP-T1-GE3	PowerPakSO-8	12	60	100	0.0012	0.0017	-----	-----	104	1.37	1.11	1.04	.94
◆ 781-SI4862DY-T1-E3	SI4862DY-T1-E3	SO-8	16	25	60	-----	0.0033	0.0055	-----	3.5	2.98	2.41	2.27	2.06
◆ 781-TN0201K-T1-E3	TN0201K-T1-E3	SOT-23	20	0.42	0.8	1.0000	1.4000	-----	-----	0.35	.40	.28	.26	.22
◆ 781-SI1012R-E3	SI1012R-T1-E3	SC-75A	20	0.6	1.0	-----	0.7000	0.8500	1.2500	0.175	.16	.13	.128	.116
◆ 781-SI1012X-E3	SI1012X-T1-E3	SC-89	20	0.6	1.0	-----	0.7000	0.8500	1.2500	0.275	.16	.13	.128	.116
◆ 781-TN0200K-T1-E3	TN0200K-T1-E3	SOT-23	20	0.73	4.0	-----	0.4000	0.5000	-----	0.35	.37	.29	.27	.21
◆ 781-SI1400DL-E3	SI1400DL-T1-E3	SOT-363	20	1.7	5.0	-----	0.1500	0.2350	-----	0.625	.41	.33	.26	.22
◆ 781-SI1410EDH-E3	SI1410EDH-T1-E3	SOT-363	20	3.7	8.0	-----	0.0700	0.0800	0.1000	1.56	.29	.24	.22	.20
◆ 781-SI1406DH-T1-E3	SI1406DH-T1-E3	SOT-363	20	3.9	10	-----	0.0650	0.0750	0.0960	1.56	.29	.24	.22	.20
◆ 781-SI2314EDS-E3	SI2314EDS-T1-E3	SOT-23	20	4.9	15	-----	0.0330	0.0400	0.0510	1.25	.60	.51	.48	.42
◆ 781-SI3446ADV-E3	SI3446ADV-T1-E3	TSOP-6	20	6	20	-----	0.0370	0.0650	-----	3.2	.36	.29	.27	.25
◆ 781-SI3434DV-E3	SI3434DV-T1-E3	TSOP-6	20	6.1	30	-----	0.0340	0.0500	-----	2.0	.65	.53	.50	.45
◆ 781-SI2312BDS-E3	SI2312BDS-T1-E3	SOT-23	20	7.5	15	-----	0.0310	0.0370	0.047 @ 2.4V	0.75	.36	.28	.26	.24
◆ 781-SI3460BDV-E3	SI3460BDV-T1-E3	TSOP-6	20	8.0	20	-----	0.0270	0.0320	0.0400	3.5	.45	.39	.37	.29
◆ 781-SI6466ADQ-E3	SI6466ADQ-T1-E3	TSSOP-8	20	8.1	30	-----	0.0140	0.0200	-----	1.05	1.49	1.21	1.14	1.03
◆ 781-SI4426DY-T1-E3	SI4426DY-T1-E3	SO-8	20	±8.5	±40	-----	0.0250	0.0350	-----	1.5	1.26	1.02	.96	.87
◆ 781-SIB412DK-T1-GE3	SIB412DK-T1-GE3	SC-75-6L	20	9.0	20	-----	0.0340	0.0400	0.0540	13	.41	.36	.345	.332
◆ 781-SI4466DY-T1-E3	SI4466DY-T1-E3	SO-8	20	13.5	50	-----	0.0090	0.0130	-----	1.5	2.24	1.90	1.79	1.57
◆ 781-SIS438DN-GE3	SIS438DN-T1-GE3	PowerPak1212-8	20	16	32	0.0095	0.0125	-----	-----	27.7	.45	.37	.34	.31
◆ 781-SI7106DN-T1-E3	SI7106DN-T1-E3	PowerPak1212-8	20	19.5	60	-----	0.0062	0.0098	-----	1.5	1.55	1.26	1.18	1.07
◆ 781-SIR484DP-T1-GE3	SIR484DP-T1-GE3	PowerPakSO-8	20	20	50	0.0083	0.0115	-----	-----	29.8	.54	.43	.41	.37
◆ 781-SI4876DY-T1-E3	SI4876DY-T1-E3	SO-8	20	21	50	-----	0.0050	0.0075	-----	1.6	2.50	2.20	2.10	1.60
◆ 781-SI4408DY-T1-E3	SI4408DY-T1-E3	SO-8	20	21	60	0.0045	0.0068	-----	-----	3.5	3.25	2.56	2.07	1.53
◆ 781-SI7110DN-T1-E3	SI7110DN-T1-E3	PowerPak1212-8	20	21.1	60	0.0053	0.0078	-----	-----	1.5	1.03	1.00	.95	.80
◆ 781-SI7108DN-T1-E3	SI7108DN-T1-E3	PowerPak1212-8	20	22.6	60	0.0049	0.0061	-----	-----	3.8	1.51	1.22	1.15	.994
◆ 781-SI4378DY-T1-E3	SI4378DY-T1-E3	SO-8	20	25	70	-----	0.0027	0.0042	-----	3.5	2.88	2.46	2.25	1.68
◆ 781-SUD50N02-06P-E3	SUD50N02-06P-E3	TO-252	20	26	100	0.0060	0.0095	-----	-----	6.8	1.43	1.16	1.09	.99
◆ 781-SIR424DP-GE3	SIR424DP-T1-GE3	PowerPakSO-8	20	30	70	0.0055	0.0074	-----	-----	41.7	.57	.46	.43	.39
◆ 781-SIS410DN-T1-GE3	SIS410DN-T1-GE3	PowerPak1212-8	20	35	60	0.0048	0.0063	-----	-----	5.2	.65	.53	.50	.45
◆ 781-SIR410DP-T1-GE3	SIR410DP-T1-GE3	PowerPakSO-8	20	35	60	0.0048	0.0063	-----	-----	36	.65	.53	.50	.45
◆ 781-SIS424DN-T1-GE3	SIS424DN-T1-GE3	PowerPak1212-8	20	35	60	0.0064	0.0089	-----	-----	39	.60	.48	.46	.41
◆ 781-SIR496DP-T1-GE3	SIR496DP-T1-GE3	PowerPakSO-8	20	35	70	0.0042	0.0058	-----	-----	27.7	.67	.54	.51	.46
◆ 781-SIS426DN-T1-GE3	SIS426DN-T1-GE3	PowerPak1212-8	20	35	70	0.0042	0.0058	-----	-----	52	.84	.68	.64	.576
◆ 781-SI7866ADP-T1-E3	SI7866ADP-T1-E3	PowerPakSO-8	20	40	70	0.0024	0.0030	-----	-----	83	3.32	2.69	2.53	2.28
◆ 781-SI7868ADP-E3	SI7868ADP-T1-E3	PowerPakSO-8	20	40	70	0.00225	0.00275	-----	-----	83	3.40	2.75	2.59	2.27
◆ 781-SI4136DY-T1-GE3	SI4136DY-T1-GE3	SO-8	20	46	70	0.0020	0.0025	-----	-----	7.8	.99	.80	.75	.68
◆ 781-SIR890DP-T1-GE3	SIR890DP-T1-GE3	PowerPakSO-8	20	50	70	0.0029	0.0040	-----	-----	50	1.72	1.36	1.25	1.17
◆ 781-SIR866DP-T1-GE3	SIR866DP-T1-GE3	PowerPakSO-8	20	60	80	0.0019	0.00255	-----	-----	83	2.49	2.15	1.97	1.50
◆ 781-SIR440DP-T1-GE3	SIR440DP-T1-GE3	PowerPakSO-8	20	60	100	0.00155	0.0020	-----	-----	104	1.24	1.00	.94	.86
◆ 781-SIS436DN-GE3	SIS436DN-T1-GE3	PowerPak1212-8	25	16	32	0.0105	0.013	-----	-----	27.7	.45	.37	.34	.31
◆ 781-SIR874DP-GE3	SIR874DP-T1-GE3	PowerPakSO-8	25	20	50	0.0094	0.012	-----	-----	29.8	.51	.42	.39	.36
◆ 781-SIR850DP-T1-GE3	SIR850DP-T1-GE3	PowerPakSO-8	25	30	70	0.0070	0.0090	-----	-----	41.7	.61	.49	.46	.42
◆ 781-SIS430DN-T1-GE3	SIS430DN-T1-GE3	PowerPak1212-8	25	35	60	0.0051	0.0069	-----	-----	52	.65	.53	.50	.45
◆ 781-SIR436DP-T1-GE3	SIR436DP-T1-GE3	PowerPakSO-8	25	40	80	0.0046	0.0062	-----	-----	50	.77	.62	.58	.53
◆ 781-SIR892DP-T1-GE3	SIR892DP-T1-GE3	PowerPakSO-8	25	50	70	0.0032	0.0042	-----	-----	50	2.15	1.73	1.63	1.48
◆ 781-SIR438DP-T1-GE3	SIR438DP-T1-GE3	PowerPakSO-8	25	60	80	0.0018	0.0023	-----	-----	83	1.31	1.07	1.01	.912
◆ 781-SIR476DP-T1-GE3	SIR476DP-T1-GE3	PowerPakSO-8	25	60	100	0.0017	0.0021	-----	-----	104	1.22	.99	.93	.84
◆ 781-SI1302DL-E3	SI1302DL-T1-E3	SOT-323	30	0.64	1.5	0.48000	0.70000	-----	-----	0.31	.24	.20	.192	.174
◆ 781-SI3948DV-E3	SI3948DV-T1-E3	TSOP-6	30	±2.5	±8.0	0.1050	0.1750	-----	-----	1.15	.65	.53	.50	.45
◆ 781-SI1426DH-T1-E3	SI1426DH-T1-E3	SOT-363	30	3.6	10	0.0750	0.1150	-----	-----	1.0	.27	.24	.23	.22
◆ 781-SI2306BDS-E3	SI2306BDS-T1-E3	SOT-23	30	4.0	20	0.0470	0.0650	-----	-----	0.075	.28	.23	.224	.203
◆ 781-SIA408DJ-T1-GE3	SIA408DJ-T1-GE3	SC-70-6L	30	4.5	20	0.0360	0.0390	0.0530	-----	17.9	.48	.39	.37	.33
◆ 781-SI3454ADV-E3	SI3454ADV-T1-E3	TSOP-6	30	4.5	20	0.0600	0.0850	-----	-----	1.14	.58	.49	.46	.38
◆ 781-SI3456BDV-E3	SI3456BDV-T1-E3	TSOP-6	30	6.0	±20	0.0350	0.0520	-----	-----	1.1	.40	.32	.30	.28
◆ 781-SI3424DV-E3	SI3424DV-T1-E3	TSOP-6	30	6.7	30	0.0280	0.0380	-----	-----	1.14	.80	.65	.61	.55
◆ 781-SIB408DK-GE3	SIB408DK-T1-GE3	PowerPak SC-75-6L	30	7.0	20	0.0400	0.0500	-----	-----	13	.23	.19	.18	.16
◆ 781-SI6410DQ-E3	SI6410DQ-T1-E3	TSSOP-8	30	±7.8	±30	0.0140	0.0210	-----	-----	1.5	1.81	1.46	1.38	1.25
◆ 781-SI4346DY-T1-E3	SI4346DY-T1-E3	SO-8	30</											