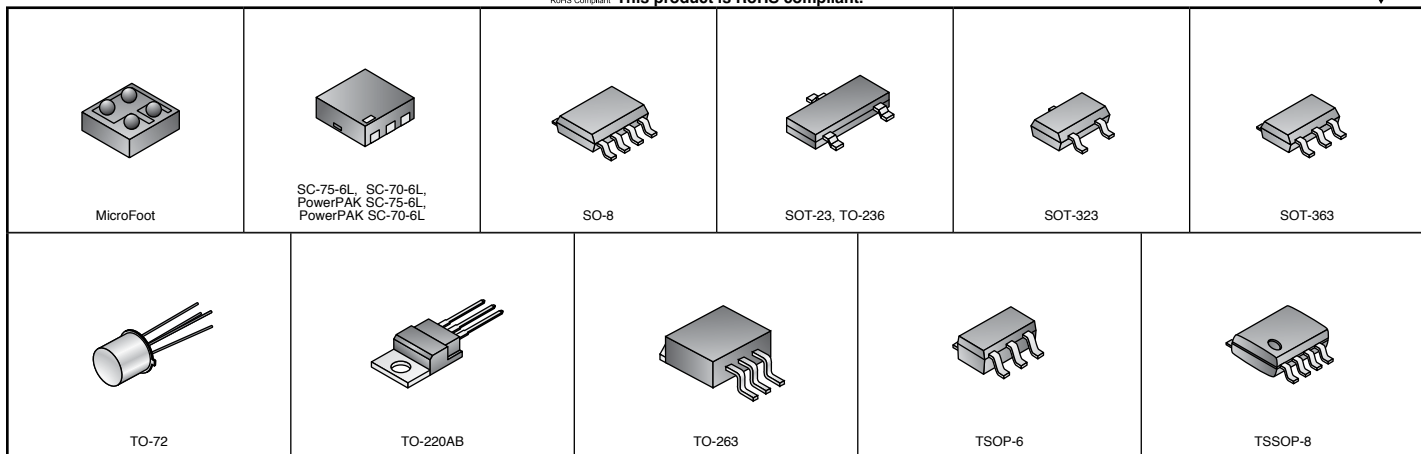


SILICONIX MOSFET Transistors

RoHS Compliant This product is RoHS compliant.



MOSFETS

Vishay Siliconix

◆ Surface Mount Device

P-CHANNEL MOSFETS (SINGLE CONFIGURATION)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Siliconix Part No.	Package	V _{DS} (Max)(V)	I _D (Max)(A)	I _{DM} (Max)(A)	R _{DS(on)} Max (Ω) @				P _D (Max) (W)	Price Each			
						V _{GS} =10V	V _{GS} =4.5V	V _{GS} =2.5V	V _{GS} =1.8V		1	100	500	1000
◆ 781-SI1307EDL-E3	SI1307EDL-T1-E3	SOT-323	-12	±0.91	±3	-----	0.2900	0.4350	0.5800	0.34	.62	.363	.297	.231
◆ 781-SI2301BDS-E3	SI2301BDS-T1-E3	SOT-23	-20	-2.4	-10	-----	0.100	0.150	-----	0.7	.64	.379	.31	.241
◆ 781-SI9433BDY-T1-E3	SI9433BDY-T1-E3	SO-8	-20	-6.2	-20	-----	0.040	0.06 @ 2.7V	-----	1.3	1.63	.988	.722	.513
◆ 781-SI9434BDY-T1-E3	SI9434BDY-T1-E3	SO-8	-20	-6.3	-20	-----	0.040	0.055	-----	2.5	1.46	.88	.816	.629
◆ 781-SI4463BDY-T1-E3	SI4463BDY-T1-E3	SO-8	-20	-13.7	-50	0.011	0.014	0.020	-----	1.5	2.39	1.42	.997	.741
◆ 781-SI2303BDS-E3	SI2303BDS-T1-E3	SOT-23	-30	-1.64	-10	0.200	0.380	-----	-----	0.7	.64	.379	.31	.241
◆ 781-SI4435DDY-GE3	SI4435DDY-T1-GE3	SO-8	-30	-11.4	-50	0.024	0.035	-----	-----	5	.84	.57	.41	.33
781-SUP75P03-07-E3	SUP75P03-07-E3	TO-220AB	-30	±75	-240	0.0070	0.0100	-----	-----	187	2.25	1.91	1.80	1.63
781-SUP65P04-15-E3	SUP65P04-15-E3	TO-220AB	-40	-65	-240	0.015	0.023	-----	-----	120	2.32	1.89	1.78	1.60
◆ 781-SUM110P04-05-E3	SUM110P04-05-E3	TO-263	-40	-110	240	0.005	-----	-----	-----	375	6.67	4.44	2.39	2.28
◆ 781-SUP75P05-08-E3	SUP75P05-08-E3	TO-220AB	-55	-75	-240	0.0080	0.0130	-----	-----	250	6.38	5.42	5.10	4.63
◆ 781-SI2309CDS-GE3	SI2309CDS-T1-GE3	SOT-23	-60	-1.6	-8	-1.6	-1.4	-----	-----	1.7	.59	.397	.331	.265
781-3N163-E3	3N163-E3	TO-72	-70	-30	-----	250 @ 20V	-----	-----	-----	0.375	26.98	22.13	20.47	19.76

P-CHANNEL MOSFETS (DUAL CONFIGURATION)

For quantities greater than listed, call for quote.

◆ 781-SI6963BDQ-E3	SI6963BDQ-T1-E3	TSSOP-8	-20	-3.9	-30	-----	0.045	0.080	-----	0.83	.99	.80	.75	.68
◆ 781-SI9933CDY-T1-GE3	SI9933CDY-T1-GE3	SO-8	-20	-4	-20	-----	0.058	0.094	-----	3.1	.72	.48	.40	.32
◆ 781-SI4963BDY-E3	SI4963BDY-T1-E3	SO-8	-20	-6.5	-40	-----	0.032	0.050	-----	1.1	2.31	1.37	.962	.715
◆ 781-SI4948BEY-T1-E3	SI4948BEY-T1-E3	SO-8	-60	-7.1	-25	0.120	0.150	-----	-----	1.4	1.63	.988	.722	.513

P-CHANNEL LITTLEFOOT PLUS™ TRENCHFET® MOSFETS (SINGLE CONFIGURATION)



For quantities greater than listed, call for quote.

◆ 781-SI4845DY-T1-E3	SI4845DY-T1-E3	SO-8	-20	-2.7	-7.0	-----	0.21	0.345	-----	2.75	1.08	.65	.475	.337
◆ 781-SI8437EDK-GE3	SI8437EDK-T1-GE3	SO-8	-20	-4.1	-15	-----	0.108	0.175	-----	2.8	.55	.37	.31	.24
◆ 781-SIA811ADJ-GE3	SIA811ADJ-T1-GE3	SC-70-6L	-20	-4.5	-8.0	-----	0.116	0.155	0.205	6.5	.20	.173	.164	.162
◆ 781-SI4621DY-T1-E3	SI4621DY-T1-E3	SO-8	-20	6.2	-25	0.054	0.094	-----	-----	3.1	.95	.588	.42	.294
◆ 781-SI4833ADY-T1-E3	SI4833ADY-T1-E3	SO-8	-30	-4.6	-20	0.072	0.110	-----	-----	2.8	1.25	.754	.551	.391

P-CHANNEL TRENCHFET® MOSFETS (SINGLE CONFIGURATION)

For quantities greater than listed, call for quote.

◆ 781-SI1405DL-E3	SI1405DL-T1-E3	SOT-363	-8	±1.8	±5	-----	0.1250	0.1600	0.2100	0.568	.85	.505	.413	.321
◆ 781-SI2305DS-E3	SI2305DS-E3	SOT-23	-8	±3.5	±12	-----	0.0520	0.0710	0.1080	3.5	1.29	.87	.72	.57
◆ 781-SIB417EDK-T1-GE3	SIB417EDK-T1-GE3	SC-75-6L	-8	-9	-15	-----	0.0580	0.0800	0.1000	13	1.16	.783	.648	.513
◆ 781-SIB437EDK-T1-GE3	SIB437EDK-T1-GE3	SC-75-6L	-8	-9	-25	-----	0.034	-----	0.063	13	.55	.37	.31	.24
◆ 781-SI8429DB-E1	SI8429DB-T1-E1	MicroFoot	-8	-11.7	-25	-----	0.0350	0.0420	0.0520	6.25	1.29	.875	.724	.573
◆ 781-SIA417DJ-T1-GE3	SIA417DJ-T1-GE3	SC-70-6L	-8	-12	-30	-----	0.0230	0.0310	0.0400	19	.95	.63	.525	.42
◆ 781-SIA427DJ-T1-GE3	SIA427DJ-T1-GE3	PowerPAK SC-70-6L	-8	-12	-50	-----	0.016	-----	0.026	3.5	.59	.37	.275	.212
◆ 781-SI1307DL-E3	SI1307DL-T1-E3	SOT-323	-12	±0.91	±3	-----	0.2900	0.4350	0.5800	0.34	.67	.392	.321	.249
◆ 781-SI1417EDH-E3	SI1417EDH-T1-E3	SOT-363	-12	-3.3	-8	-----	0.0850	0.1150	0.1600	1.56	.68	.45	.375	.30
◆ 781-SI2315BDS-E3	SI2315BDS-T1-E3	SOT-23	-12	-3.85	-12	-----	0.0500	0.0650	0.1000	0.75	.77	.51	.425	.34
◆ 781-SI1401EDH-T1-GE3	SI1401EDH-T1-GE3	SC-70-6	-12	-4	-25	-----	0.034	0.046	0.07	2.8	.43	.27	.19	.15
◆ 781-SI3447BDV-E3	SI3447BDV-T1-E3	TSOP-6	-12	-6	-20	-----	0.0400	0.0530	0.0720	1.1	.68	.45	.375	.30
◆ 781-SI3473DV-T1-E3	SI3473DV-T1-E3	TSOP-6	-12	-7.9	-20	-----	0.0230	0.0290	0.0410	2.0	1.25	.841	.696	.551
◆ 781-SI6467BDQ-E3	SI6467BDQ-T1-E3	TSSOP-8	-12	-8	-30	-----	0.0125	0.0155	0.0200	1.05	2.10	1.37	1.15	.875
◆ 781-SI3477DV-T1-GE3	SI3477DV-T1-GE3	TSOP-6	-12	-8	-40	-----	0.0175	0.023	0.033	4.2	.76	.51	.38	.30
◆ 781-SI455EDK-T1-GE3	SI455EDK-T1-GE3	SC-75-6L	-12	-9	-25	-----	0.0270	0.0390	0.0690	13	.74	.60	.43	.34
◆ 781-SIB488DK-T1-GE3	SIB488DK-T1-GE3	PowerPAK SC-75-6L	-12	-9	-35	-----	0.02	0.024	0.029	13	.52	.33	.24	.18
◆ 781-SIA413DJ-T1-GE3	SIA413DJ-T1-GE3	SC-70-6L	-12	-12	-40	-----	0.0290	0.0340	0.0440	19	1.16	.783	.648	.513
◆ 781-TP0101K-T1-E3	TP0101K-T1-E3	SOT-23	-20	-0.58	-2.0	-----	0.6500	0.8500	-----	0.35	.67	.396	.324	.252
◆ 781-SI1303DL-E3	SI1303DL-T1-E3	SOT-323	-20	-0.72	-2.5	-----	0.4300	0.7000	-----	0.34	.62	.363	.297	.231
◆ 781-SI1403BDL-T1-E3	SI1403BDL-T1-E3	SOT-363	-20	-1.5	-5.0	-----	0.1500	0.2650	-----	0.625	.64	.379	.31	.241
◆ 781-SI1469DH-T1-E3	SI1469DH-T1-E3	SOT-363	-20	-2.7	-8.0	0.0800	0.1000	0.1550	-----	2.78	.72	.48	.40	.32
◆ 781-SI1413EDH-E3	SI1413EDH-T1-E3	SOT-363	-20	-2.9	-8.0	-----	0.1150	0.1550	0.2200	1.56	.68	.45	.375	.30
◆ 781-SI3441BDV-T1-E3	SI3441BDV-T1-E3	TSOP-6	-20	-2.9	-16	-----	0.0900	0.1300	-----	0.86	.76	.445	.364	.283
◆ 781-SI1467DH-T1-GE3	SI1467DH-T1-GE3	SOT-363	-20	-3	-8	-----	0.09	0.115	0.15	2.78	.68	.45	.34	.27
◆ 781-SI2351DS-E3	SI2351DS-T1-E3	SOT-23	-20	-3	-10	-----	0.1150	0.2050	-----	2.1	.86	.57	.475	.38
◆ 781-SI1441EDH-T1-GE3	SI1441EDH-T1-GE3	SC-70-6	-20	-4	-25	-----	0.041	0.054	0.1	2.8	.40	.28	.22	.17
◆ 781-SI2377EDS-T1-GE3	SI2377EDS-T1-GE3	TO-236	-20	-4.4	-20	-----	0.061	0.08	0.11	1.8	.45	.28	.20	.16
◆ 781-SI2323DS-T1-E3	SI2323DS-T1-E3	SOT-23	-20	-4.7	-20	-----	0.0390	0.0520	0.0680	0.75	1.33	.899	.744	.589
◆ 781-SI3443BDV-E3	SI3443BDV-T1-E3	TSOP-6	-20	-4.7	-20	-----	0.0600	0.1000	-----	1.1	.77	.51	.425	.34