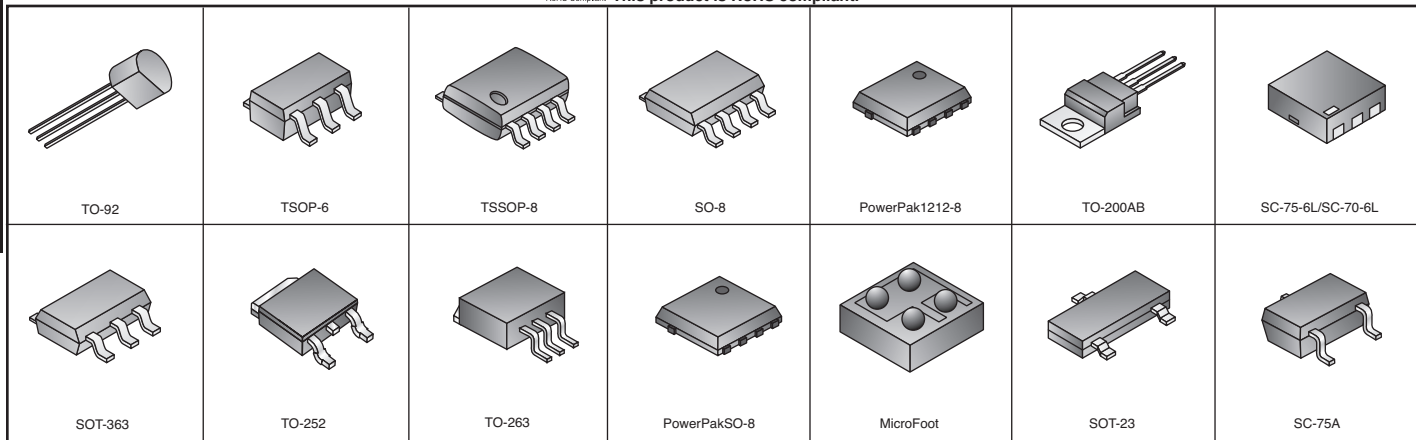


# SILICONIX MOSFET Transistors

RoHS Compliant This product is RoHS compliant.

MOSFETS

Vishay Siliconix



◆ Surface Mount Device

## P-CHANNEL TRENCHFET MOSFETS (SINGLE CONFIGURATION) CONT.



RoHS Compliant

These TrenchFET power MOSFETs provide efficient power control with extremely low on-resistance.

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-SI3433BDV-E3	SI3433BDV-T1-E3	TSOP-6	-20	-5.6	-20	-----	0.0420	0.0570	0.0800	1.1	.46	.38	.35	.32
◆ 781-SI3469DV-T1-E3	SI3469DV-T1-E3	TSOP-6	-20	-6.7	-25	0.0300	0.0510	-----	-----	1.14	.59	.48	.45	.41
◆ 781-SI9424BDY-T1-E3	SI9424BDY-T1-E3	SO-8	-20	-7.1	-30	-----	0.0250	-----	-----	1.25	1.22	.99	.93	.84
◆ 781-SI6463BDQ-E3	SI6463BDQ-T1-E3	TSSOP-8	-20	-7.4	-30	-----	0.0150	0.0200	0.0270	1.05	.99	.80	.75	.68
◆ 781-SI3493BDV-T1-E3	SI3493BDV-T1-E3	TSOP-6	-20	-8.0	-25	-----	0.0275	0.0340	0.0450	2.97	.49	.43	.41	.395
◆ 781-SIB413DK-T1-GE3	SIB413DK-T1-GE3	SC-75-6L	-20	-9.0	-12	-----	0.0750	0.1430	-----	13	.41	.36	.345	.332
◆ 781-SIB411DK-GE3	SIB411DK-T1-GE3	SC-75-6L	-20	-9.0	-15	-----	0.0660	0.0940	0.1300	13	.44	.36	.34	.30
◆ 781-SIA443DJ-T1-GE3	SIA443DJ-T1-GE3	SC-70-6L	-20	-9.0	-20	-----	0.0450	0.0630	0.0880	15	.39	.34	.328	.316
◆ 781-SI8445DB-E1	SI8445DB-T2-E1	MicroFoot	-20	-9.8	-10	-----	0.0840	0.1000	0.1200	11.4	.61	.49	.46	.42
◆ 781-SI4403BDY-E3	SI4403BDY-T1-E3	SO-8	-20	-9.9	-30	-----	0.0170	0.0230	0.0320	1.35	.86	.70	.66	.59
◆ 781-SIA411DJ-T1-GE3	SIA411DJ-T1-GE3	SC-70-6L	-20	-12	-20	-----	0.0300	0.0410	0.0560	19	.41	.36	.345	.332
◆ 781-SIA419DJ-T1-GE3	SIA419DJ-T1-GE3	SC-70-6L	-20	-12	-30	-----	0.0300	0.0390	0.0510	19	.41	.36	.345	.332
◆ 781-SIA415DJ-T1-GE3	SIA415DJ-T1-GE3	SC-70-6L	-20	-12	-30	-----	0.0350	0.0510	-----	19	.45	.39	.37	.33
◆ 781-SI4421DY-T1-E3	SI4421DY-T1-E3	SO-8	-20	-14	-40	-----	0.0070	0.0085	0.0110	1.5	1.87	1.51	1.42	1.29
◆ 781-SI4423DY-T1-E3	SI4423DY-T1-E3	SO-8	-20	-14	-50	-----	0.0075	0.0090	0.0115	1.5	2.00	1.62	1.52	1.38
◆ 781-SUD45P03-10-E3	SUD45P03-10-E3	TO-252	-20	-15	-100	0.0100	0.0180	-----	-----	7.0	2.16	1.84	1.73	1.57
◆ 781-SI7485DP-E3	SI7485DP-T1-E3	PowerPak SO-8	-20	-20	-50	-----	0.0073	0.0090	0.0130	5.0	2.37	1.92	1.81	1.61
◆ 781-SI7615DN-GE3	SI7615DN-T1-GE3	PowerPak 1212-8	-20	-35	-80	0.0039	0.0055	0.0098	-----	52	.99	.80	.75	.68
◆ 781-SI7633DP-GE3	SI7633DP-T1-GE3	PowerPak SO-8	-20	-60	-100	0.0033	0.0055	-----	-----	104	1.13	.92	.86	.78
◆ 781-SI7137DP-GE3	SI7137DP-T1-GE3	PowerPak SO-8	-20	-60	-100	0.00195	0.0025	0.0039	-----	104	1.55	1.26	1.18	1.07
◆ 781-TP0202K-T1-E3	TP0202K-T1-E3	SOT-23	-30	-0.385	-0.75	1.4000	3.5000	-----	-----	0.35	.40	.28	.26	.22
◆ 781-SI1433DH-T1-E3	SI1433DH-T1-E3	SOT-363	-30	-2.2	-8.0	0.1500	0.2600	-----	-----	1.45	.55	.47	.425	.34
◆ 781-SI1471DH-T1-E3	SI1471DH-T1-E3	SOT-363	-30	-2.7	-8.0	0.1000	0.1200	0.1750	-----	2.78	.31	.27	.263	.253
◆ 781-SI2307BDS-E3	SI2307BDS-T1-E3	SOT-23	-30	-3.2	-12	0.0780	0.1300	-----	-----	0.75	.44	.36	.32	.29
◆ 781-SI3455ADV-E3	SI3455ADV-T1-E3	TSOP-6	-30	-3.5	-20	0.1000	0.1700	-----	-----	1.14	.68	.56	.525	.42
◆ 781-SI2343DS-T1-E3	SI2343DS-T1-E3	SOT-23	-30	-4.0	-15	0.0530	0.0860	-----	-----	1.25	1.33	.89	.744	.589
◆ 781-SI3457BDV-E3	SI3457BDV-T1-E3	TSOP-6	-30	-5.0	-20	0.0540	0.1000	-----	-----	1.14	.38	.32	.30	.276
◆ 781-SI3481DV-T1-E3	SI3481DV-T1-E3	TSOP-6	-30	-5.3	-20	0.0480	0.0790	-----	-----	1.14	.63	.51	.48	.44
◆ 781-SI6435ADQ-E3	SI6435ADQ-T1-E3	TSSOP-8	-30	±5.5	±30	0.0300	0.0550	-----	-----	1.05	.97	.78	.74	.67
◆ 781-SI9435BDY-T1-E3	SI9435BDY-T1-E3	SO-8	-30	-5.7	-30	0.0420	0.0700	-----	-----	1.3	.54	.45	.432	.392
◆ 781-SI6415DQ-E3	SI6415DQ-T1-E3	TSSOP-8	-30	±6.5	±30	0.0190	0.0300	-----	-----	1.5	1.64	1.39	1.31	1.05
◆ 781-SI4431BDY-E3	SI4431BDY-T1-E3	SO-8	-30	-7.5	-30	0.0300	0.0500	-----	-----	1.5	.72	.61	.576	.52
◆ 781-SI6443DQ-E3	SI6443DQ-T1-E3	TSSOP-8	-30	-8.8	-30	0.0120	0.0190	-----	-----	1.5	1.47	1.19	1.12	.98
◆ 781-SIB415DK-T1-GE3	SIB415DK-T1-GE3	SC-75-6L	-30	-9.0	-15	0.0870	0.1580	-----	-----	13	.33	.29	.279	.269
◆ 781-SI7409ADN-T1-E3	SI7409ADN-T1-E3	PowerPak 1212-8	-30	-11	-40	-----	0.0190	0.0310	-----	3.8	2.37	2.05	1.88	1.43
◆ 781-SI4425BDY-E3	SI4425BDY-T1-E3	SO-8	-30	-11.4	-50	0.0120	0.0190	-----	-----	1.5	1.47	1.20	1.12	1.02
◆ 781-SI4825DY-T1-E3	SI4825DY-T1-E3	SO-8	-30	-11.5	-50	0.0140	0.0220	-----	-----	1.5	1.76	1.43	1.34	1.22
◆ 781-SIA421DJ-T1-GE3	SIA421DJ-T1-GE3	SC-70-6L	-30	-12	-35	0.0350	0.0560	-----	-----	19	.51	.44	.427	.411
◆ 781-SI4427BDY-E3	SI4427BDY-T1-E3	SO-8	-30	-12.6	-50	0.0105	0.0125	0.0195	-----	1.5	1.39	1.12	1.06	.767
◆ 781-SI4483EDY-T1-E3	SI4483EDY-T1-E3	SO-8	-30	-14	-50	0.0085	0.0140	-----	-----	3.0	1.94	1.67	1.54	1.17
◆ 781-SI4413ADY-T1-E3	SI4413ADY-T1-E3	SO-8	-30	-15	-50	0.0075	0.0110	-----	-----	3.0	2.23	1.80	1.70	1.11
◆ 781-SI7459DP-T1-E3	SI7459DP-T1-E3	PowerPak SO-8	-30	-22	-60	0.0068	-----	-----	-----	5.4	3.08	2.63	2.40	1.79
◆ 781-SI7483ADP-T1-E3	SI7483ADP-T1-E3	PowerPak SO-8	-30	-24	-60	0.0057	0.0095	-----	-----	5.4	3.30	2.82	2.58	1.92
◆ 781-SI4459ADY-T1-GE3	SI4459ADY-T1-GE3	SO-8	-30	-29	-70	0.0050	0.00755	-----	-----	7.8	1.51	1.22	1.15	1.04
◆ 781-SI7129DN-GE3	SI7129DN-T1-GE3	PowerPak 1212-8	-30	-35	-60	0.0114	0.0200	-----	-----	52.1	.60	.48	.46	.41
◆ 781-SI7145DP-GE3	SI7145DP-T1-GE3	PowerPak SO-8	-30	-60	-100	0.0026	0.00375	-----	-----	104	1.55	1.26	1.18	1.07
◆ 781-SI7135DP-T1-GE3	SI7135DP-T1-GE3	PowerPak SO-8	-30	-60	-100	0.0039	0.0062	-----	-----	104.0	2.08	1.80	1.65	1.26
◆ 781-SI4401BDY-T1-E3	SI4401BDY-T1-E3	SO-8	-40	-10.5	-50	0.0140	0.0210	-----	-----	1.5	1.47	1.19	1.12	1.02
◆ 781-SI7463DP-T1-E3	SI7463DP-T1-E3	PowerPak SO-8	-40	-18.6	-60	0.0092	0.0140	-----	-----	5.4	3.99	1.68	1.57	1.43
◆ 781-SUD50P04-09L-E3	SUD50P04-09L-E3	TO-252	-40	-50	-100	0.0094	0.0145	-----	-----	136	2.00	1.62	1.52	1.38
◆ 781-SUD50P04-15-E3	SUD50P04-15-E3	TO-252	-40	-50	-150	0.0150	0.0230	-----	-----	100	2.32	1.97	1.86	1.68
◆ 781-SUM110P04-05-E3	SUM110P04-05-E3	TO-263	-40	-110	240	0.0050	-----	-----	-----	375	3.59	2.91	2.39	2.18
◆ 781-TP0610K-E3	TP0610K-T1-E3	SOT-23	-60	-0.185	-0.8	6.000	10.000	-----	-----	0.35	.33	.25	.20	.18
◆ 781-SI1021R-E3	SI1021R-T1-E3	SC-75A	-60	-0.190	-0.65	4.000	8.000	-----	-----	0.25	.37	.26	.23	.21
◆ 781-TP0610KL-E3	TP0610KL-TR1-E3	TO-92	-60	-0.27	-1.0	-----	10.000	6.000	-----	0.8	.34	.28	.272	.247
◆ 781-SI3459DV-E3	SI3459DV-T1-E3	TSOP-6	-60	±2.2	±10	0.2200	0.3100	-----	-----	2.0	.88	.71	.67	.61
◆ 781-SI6459BDQ-E3	SI6459BDQ-T1-E3	TSSOP-8	-60	-2.7	-20	0.1150	0.1500	-----	-----	1.0	.71	.58	.54	.49
◆ 781-SI9407AEY-T1-E3	SI9407AEY-T1-E3	SO-8	-60	±3.5	±30	0.1200	0.1500	-----	-----	3.0	1.00	.85	.80	.725
◆ 781-SI7415DN-T1-E3	SI7415DN-T1-E3	PowerPak1212-8	-60	-5.7	-30	0.0650	0.1100	-----	-----	1.5	1.24	1.00	.94	.86
◆ 781-SUP65P06-20-E3	SUP65P06-20-E3	TO-220AB	-60	-65	-200	0.0200	-----	-----	-----	250	5.04	4.28	4.03	3.65
◆ 781-SI7469DP-T1-E3	SI7469DP-T1-E3	PowerPak SO-8	-80	-28	-40	0.0250	0.0290	-----	-----	83	2.49	2.15	1.97	1.50