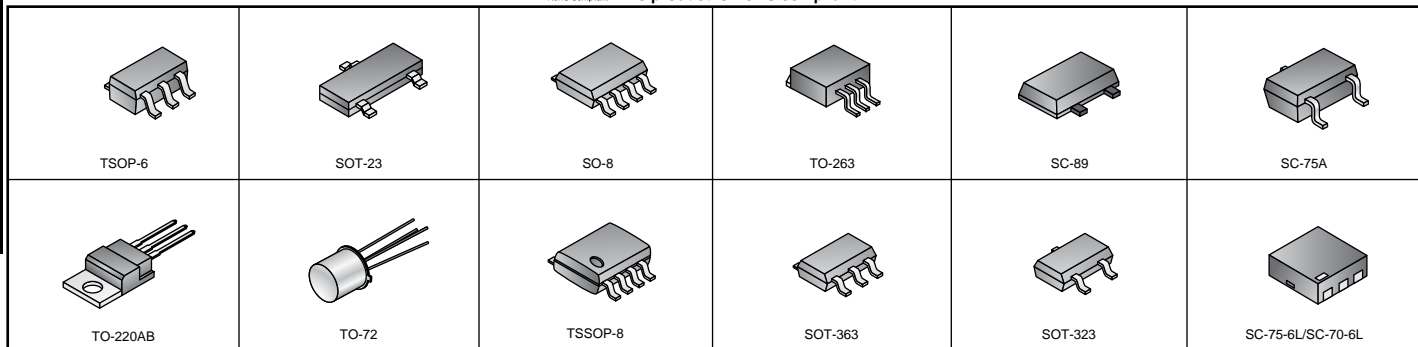


SILICONIX MOSFET Transistors

RoHS Compliant This product is RoHS compliant.

MOSFETS

Vishay Siliconix



P-CHANNEL MOSFETS (SINGLE CONFIGURATION)

◆ Surface Mount Device

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}					1	100	500	1000
						V _{GS} =10V	V _{GS} =4.5V	V _{GS} =2.5V	V _{GS} =1.8V					
◆ 781-SI2301BDS-E3	SI2301BDS-T1-E3	SOT-23	-20	-2.4	-10	-----	0.100	0.150	-----	0.7				
◆ 781-SI9433BDY-T1-E3	SI9433BDY-T1-E3	SO-8	-20	-6.2	-20	-----	0.040	0.06 @ 2.7V	-----	1.3				
◆ 781-SI9434BDY-T1-E3	SI9434BDY-T1-E3	SO-8	-20	-6.3	-20	-----	0.040	0.055	-----	2.5				
◆ 781-SI4463BDY-T1-E3	SI4463BDY-T1-E3	SO-8	-20	-13.7	-50	0.011	0.014	0.020	-----	1.5				
◆ 781-SI2303BDS-E3	SI2303BDS-T1-E3	SOT-23	-30	-1.64	-10	0.200	0.380	-----	-----	0.7				
◆ 781-SI4435BDY-E3	SI4435BDY-T1-E3	SO-8	-30	±9.1	-50	0.020	0.035	-----	-----	1.5				
◆ 781-SUB75P03-07-E3	SUB75P03-07-E3	TO-263	-30	±75	-240	0.0070	0.0100	-----	-----	187				
◆ 781-SUP75P03-07-E3	SUP75P03-07-E3	TO-220AB	-30	±75	-240	0.0070	0.0100	-----	-----	187				
◆ 781-SUB65P04-15-E3	SUB65P04-15-E3	TO-263	-40	-65	-240	0.015	0.023	-----	-----	120				
◆ 781-SUP65P04-15-E3	SUP65P04-15-E3	TO-220AB	-40	-65	-240	0.015	0.023	-----	-----	120				
◆ 781-SUP75P05-08-E3	SUP75P05-08-E3	TO-220AB	-55	-75	-240	0.0080	0.0130	-----	-----	250				
◆ 781-SI2309DS-E3	SI2309DS-E3	SOT-23	-60	-1.25	-8	0.340	0.550	-----	-----	1.25				
◆ 781-3N163-E3	3N163-E3	TO-72	-70	-30	-----	250 @ 20V	-----	-----	-----	0.375				

P-CHANNEL MOSFETS (DUAL CONFIGURATION)

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}					1	100	500	1000
						V _{GS} =10V	V _{GS} =4.5V	V _{GS} =2.5V	V _{GS} =1.8V					
◆ 781-SI6963BDQ-E3	SI6963BDQ-T1-E3	TSSOP-8	-20	-3.9	-30	-----	0.045	0.080	-----	0.83				
◆ 781-SI9933BDY-E3	SI9933BDY-T1-E3	SO-8	-20	-4.7	-20	-----	0.060	0.100	-----	1.1				
◆ 781-SI4963BDY-E3	SI4963BDY-T1-E3	SO-8	-20	-6.5	-40	-----	0.032	0.050	-----	1.1				
◆ 781-SI4948BEY-T1-E3	SI4948BEY-T1-E3	SO-8	-60	-7.1	-25	0.120	0.150	-----	-----	1.4				

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

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}					1	100	500	1000
						V _{GS} =10V	V _{GS} =4.5V	V _{GS} =2.5V	V _{GS} =1.8V					
◆ 781-SI3853DV-E3	SI3853DV-T1-E3	TSOP-6	-20	±1.8	±7	-----	0.200	0.340	-----	0.83				
◆ 781-SI4845DY-T1-E3	SI4845DY-T1-E3	SO-8	-20	-2.7	-7.0	-----	0.21	0.345	-----	2.75				
◆ 781-SIA811ADJ-GE3	SIA811ADJ-T1-GE3	SC-70-6L	-20	-4.5	-8.0	-----	0.116	0.155	0.205	6.5				
◆ 781-SI4621DY-T1-E3	SI4621DY-T1-E3	SO-8	-20	6.2	-25	0.054	0.094	-----	-----	3.1				
◆ 781-SI3851DV-E3	SI3851DV-T1-E3	TSOP-6	-30	±1.8	±7	0.200	0.360	-----	-----	0.83				
◆ 781-SI4833ADY-T1-E3	SI4833ADY-T1-E3	SO-8	-30	-4.6	-20	0.072	0.110	-----	-----	2.8				
◆ 781-SI4831BDY-E3	SI4831BDY-T1-E3	SO-8	-30	6.6	-30	0.034	0.052	-----	-----	3.3				

P-CHANNEL TRENCHFET MOSFETS (SINGLE CONFIGURATION)

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

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}					1	100	500	1000
						V _{GS} =10V	V _{GS} =4.5V	V _{GS} =2.5V	V _{GS} =1.8V					
◆ 781-SI1405DL-E3	SI1405DL-T1-E3	SOT-363	-8	±1.8	±5	-----	0.1250	0.1600	0.2100	0.568				
◆ 781-SI2305DS-E3	SI2305DS-E3	SOT-23	-8	±3.5	±12	-----	0.0520	0.0710	0.1080	3.5				
◆ 781-SIB417EDK-T1-GE3	SIB417EDK-T1-GE3	SC-75-6L	-8	-9.0	-15	-----	0.0580	0.0800	0.1000	13				
◆ 781-SIA417DJ-T1-GE3	SIA417DJ-T1-GE3	SC-70-6L	-8	-12	-30	-----	0.0230	0.0310	0.0400	19				
◆ 781-SH1307DL-E3	SH1307DL-T1-E3	SOT-323	-12	±0.91	±3	-----	0.2900	0.4350	0.5800	0.34				
◆ 781-SI2315BDS-E3	SI2315BDS-T1-E3	SOT-23	-12	-3.85	-12	-----	0.0500	0.0650	0.1000	0.75				
◆ 781-SI3447BDV-E3	SI3447BDV-T1-E3	TSOP-6	-12	-6.0	-20	-----	0.0400	0.0530	0.0720	1.1				
◆ 781-SI6467BDQ-E3	SI6467BDQ-T1-E3	TSSOP-8	-12	-8.0	-30	-----	0.0125	0.0155	0.0200	1.05				
◆ 781-SIB419DK-T1-GE3	SIB419DK-T1-GE3	SC-75-6L	-12	-9.0	-15	-----	0.0600	0.0820	0.1140	13.1				
◆ 781-SIA413DJ-T1-GE3	SIA413DJ-T1-GE3	SC-70-6L	-12	-12	-40	-----	0.0290	0.0340	0.0440	19				
◆ 781-SI1013R-E3	SI1013T-T1-E3	SC-75A	-20	-0.35	-1.0	-----	1.2000	1.6000	2.7000	0.15				
◆ 781-SI1013X-E3	SI1013X-T1-E3	SC-89	-20	-0.35	-1.0	-----	1.2000	1.6000	2.7000	0.25				
◆ 781-TP0101K-T1-E3	TP0101K-T1-E3	SOT-23	-20	-0.58	-2.0	-----	0.6500	0.8500	-----	0.35				
◆ 781-SH1303DL-E3	SH1303DL-T1-E3	SOT-323	-20	-0.72	-2.5	-----	0.4300	0.7000	-----	0.34				
◆ 781-SH1403BDL-T1-E3	SH1403BDL-T1-E3	SOT-363	-20	-1.5	-5.0	-----	0.1500	0.2650	-----	0.625				
◆ 781-SH1469DH-T1-E3	SH1469DH-T1-E3	SOT-363	-20	-2.7	-8.0	0.0800	0.1000	0.1550	-----	2.78				
◆ 781-SI3451DV-T1-E3	SI3451DV-T1-E3	TSOP-6	-20	-2.8	-10	-----	0.1150	0.2050	-----	2.1				
◆ 781-SI11413EDH-E3	SI11413EDH-T1-E3	SOT-363	-20	-2.9	-8.0	-----	0.1150	0.1550	0.2200	1.56				
◆ 781-SI3441BDV-T1-E3	SI3441BDV-T1-E3	TSOP-6	-20	-2.9	-16	-----	0.0900	0.1300	-----	0.86				
◆ 781-SI2351DS-E3	SI2351DS-T1-E3	SOT-23	-20	-3.0	-10	-----	0.1150	0.2050	-----	2.1				
◆ 781-SI2323DS-T1-E3	SI2323DS-T1-E3	SOT-23	-20	-4.7	-20	-----	0.0390	0.0520	0.0680	0.75				
◆ 781-SI3443BDV-E3	SI3443BDV-T1-E3	TSOP-6	-20	-4.7	-20	-----	0.0600	0.1000	-----	1.1				
◆ 781-SI3467DV-T1-E3	SI3467DV-T1-E3	TSOP-6	-20	-5.0	-25	0.0540	0.0940	-----	-----	2.0				