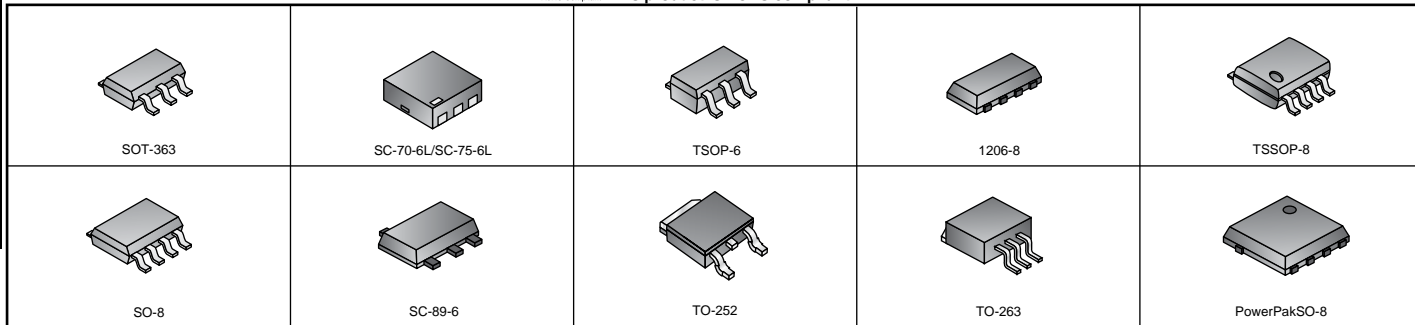


# SILICONIX MOSFET Transistors

RoHS Compliant This product is RoHS compliant.

MOSFETS

Vishay Siliconix



◆ Surface Mount Device

## P-CHANNEL TRENCHFET MOSFETS (DUAL CONFIGURATION)

RoHS Compliant

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-SI1905DL-E3	SI1905DL-T1-E3	SOT-363	-8	±0.60	±1.0	-----	0.600	0.850	1.200	0.27				
◆ 781-SI1917EDH-E3	SI1917EDH-T1-E3	SOT-363	-12	-1.15	-3.0	-----	0.370	0.575	0.800	0.57				
◆ 781-SIA913DJ-T1-GE3	SIA913DJ-T1-GE3	SC-70-6L	-12	-4.5	-10	-----	0.070	0.100	0.140	6.5				
◆ 781-SI6969BDQ-E3	SI6969BDQ-T1-E3	TSSOP-8	-12	-4.6	-30	-----	0.030	0.040	0.055	0.83				
◆ 781-SI6913DQ-T1-E3	SI6913DQ-T1-E3	TSSOP-8	-12	-5.8	-30	-----	0.021	0.028	0.037	1.14				
◆ 781-SI4931DY-T1-E3	SI4931DY-T1-E3	SO-8	-12	-8.9	-30	-----	0.018	0.022	0.028	1.1				
◆ 781-SI1023X-E3	SI1023X-T1-E3	SC-89-6	-20	-0.39	-0.65	-----	1.200	1.600	2.700	0.28				
◆ 781-SI1903DL-E3	SI1903DL-T1-E3	SOT-363	-20	±0.44	±1.0	-----	0.995	1.180	-----	0.27				
◆ 781-SI1913DH-T1-E3	SI1913DH-T1-E3	SOT-363	-20	-1.0	-3.0	-----	0.490	0.750	1.100	0.74				
◆ 781-SI1913EDH-E3	SI1913EDH-T1-E3	SOT-363	-20	-1.0	-3.0	-----	0.490	0.750	1.100	0.74				
◆ 781-SI3983DV-T1-E3	SI3983DV-T1-E3	TSOP-6	-20	-2.5	-8.0	-----	0.110	0.145	0.220	1.15				
◆ 781-SIB911DK-T1-GE3	SIB911DK-T1-GE3	SC-75-6L	-20	-2.6	-5.0	-----	0.295	0.420	0.560	3.1				
◆ 781-SI3951DV-T1-E3	SI3951DV-T1-E3	TSOP-6	-20	-2.7	-10	-----	0.115	0.205	-----	2.0				
◆ 781-SI5903DC-E3	SI5903DC-T1-E3	1206-8	-20	±2.9	±10	-----	0.155	0.260	-----	2.1				
◆ 781-SIA911ADJ-T1-GE3	SIA911ADJ-T1-GE3	SC-70-6L	-20	-4.5	-8.0	-----	0.116	0.155	0.205	6.5				
◆ 781-SIA917DJ-T1-GE3	SIA917DJ-T1-GE3	SC-70-6L	-20	-4.5	-10	-----	0.110	0.185	-----	6.5				
◆ 781-SIA921EDJ-T1-GE3	SIA921EDJ-T1-GE3	PowerPak SC-70-6L	-20	-4.5	-15	-----	0.059	0.098	-----	7.8				
◆ 781-SI6973DQ-E3	SI6973DQ-T1-E3	TSSOP-8	-20	-4.8	-30	-----	0.030	0.039	0.055	0.83				
◆ 781-SI6981DQ-T1-E3	SI6981DQ-T1-E3	TSSOP-8	-20	-4.8	-30	-----	0.031	0.041	0.058	1.14				
◆ 781-SI6983DQ-T1-E3	SI6983DQ-T1-E3	TSSOP-8	-20	-5.4	-30	-----	0.024	0.030	0.042	1.14				
◆ 781-SI4947ADY-T1-E3	SI4947ADY-T1-E3	SO-8	-30	-3.9	-20	0.080	0.135	-----	-----	1.2				
◆ 781-SI6993DQ-E3	SI6993DQ-T1-E3	TSSOP-8	-30	-4.7	-30	0.031	0.048	-----	-----	0.83				
◆ 781-SI4953ADY-T1-E3	SI4953ADY-T1-E3	SO-8	-30	-4.9	-30	0.053	0.090	-----	-----	1.1				
◆ 781-SI4925BDY-T1-E3	SI4925BDY-T1-E3	SO-8	-30	-7.1	-40	0.025	0.041	-----	-----	1.1				
◆ 781-SI4973DY-T1-E3	SI4973DY-T1-E3	SO-8	-30	-7.6	-30	0.023	0.029 @ 6V	-----	-----	2.0				

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

RoHS Compliant

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-SUD50P04-13L-E3	SUD50P04-13L-E3	TO-252	-40	-60	-100	0.0130	0.0220	-----	-----	93.7				
◆ 781-SUD08P06-155L-E3	SUD08P06-155L-E3	TO-252	-60	-8.4	-18	0.1550	0.2800	-----	-----	25				
◆ 781-SUM110P06-07L-E3	SUM110P06-07L-E3	TO-263	-60	-110	-240	0.0069	0.0138	-----	-----	375				

## BI-DIRECTIONAL P-CHANNEL MOSFET/POWER SWITCH

RoHS Compliant

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-SI3831DV-E3	SI3831DV-E3	TSOP-6	±7.0	±2.4	±8.0	-----	0.170	0.240	-----	1.5				

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

RoHS Compliant

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-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				
◆ 781-SI4565ADY-T1-E3	SI4565ADY-T1-E3	SO-8	+40/-40	-6.6/+4.5	+30/-30	0.039/0.054	0.050/0.072	-----/-----	-----/-----	3.1/3.1				

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

RoHS Compliant

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-SIA511DJ-T1-GE3	SIA511DJ-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				
◆ 781-SI7540DP-T1-E3	SI7540DP-T1-E3	PowerPakSO-8	+12/-12	+11.8/-8.9	20/20	-----/-----	0.017/0.032	0.025/0.053	-----/-----	1.4/1.4				
◆ 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				
◆ 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				
◆ 781-SI1016X-E3	SI1016X-T1-E3	SC-89-6	+20/-20	+0.60/-0.40	+0.65/-0.65	-----/-----	0.700/1.200	0.850/1.600	1.250/2.700	0.25/0.25				
◆ 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				
◆ 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				
◆ 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				
◆ 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				
◆ 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				