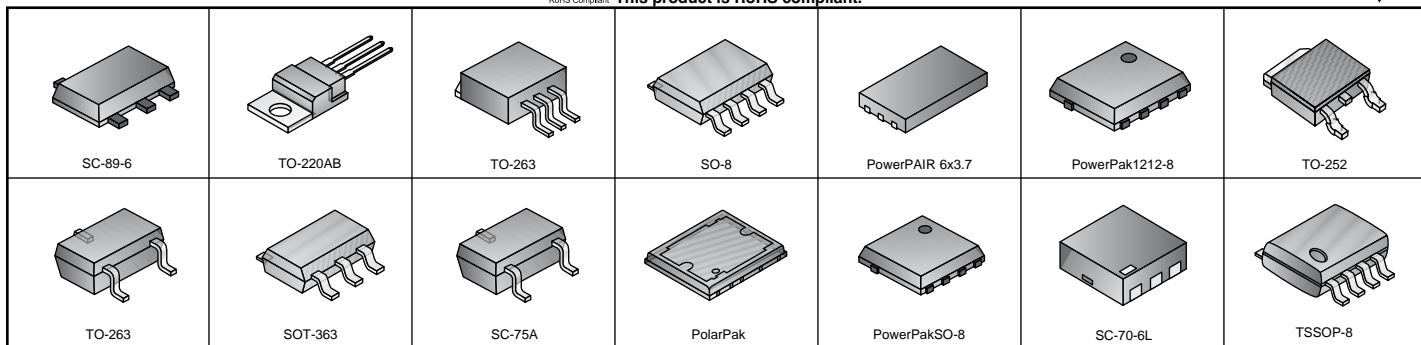


# SILICONIX MOSFET Transistors

RoHS Compliant This product is RoHS compliant.



MOSFETS

Vishay Siliconix

## N-CHANNEL TRENCHFET MOSFETS (DUAL CONFIGURATION)

◆ Surface Mount Device

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-SIA912DJ-T1-GE3	SI A912DJ-T1-GE3	SC-70-6L	12	4.5	20	-----	0.0400	0.0480	0.0630	6.5				
◆ 781-SI7940DP-T1-E3	SI7940DP-T1-E3	PowerPakSO-8	12	11.8	20	-----	0.0170	0.0250	-----	1.4				
◆ 781-SI1032R-E3	SI1032R-T1-E3	SC-75A	20	0.2	0.5	-----	5.0000	7.0000	9.0000	0.25				
◆ 781-SI1024X-E3	SI1024X-T1-E3	SC-89-6	20	0.6	0.65	-----	0.7000	0.8500	1.2500	0.25				
◆ 781-SI1902DL-E3	SI1902DL-T1-E3	SOT-363	20	0.7	1.0	-----	0.3850	0.6300	-----	0.27				
◆ 781-SI1912EDH-E3	SI1912EDH-T1-E3	SOT-363	20	1.28	4.0	-----	0.2800	0.3600	0.4500	0.57				
◆ 781-SI1958DH-T1-E3	SI1958DH-T1-E3	SOT-363	20	1.3	4.0	-----	0.2050	0.3400	-----	1.25				
◆ 781-SI6926ADQ-T1-E3	SI6926ADQ-T1-E3	TSSOP-8	20	4.5	a20	-----	0.0300	0.0350	0.0430	1.0				
◆ 781-SIA914DJ-T1-GE3	SI A914DJ-T1-GE3	SC-70-6L	20	4.5	20	-----	0.0530	0.0630	0.0770	6.5				
◆ 781-SI6966DQ-E3	SI6966DQ-T1-E3	TSSOP-8	20	4.5	30	-----	0.0300	0.0400	-----	0.83				
◆ 781-SI7904BDN-T1-E3	SI7904BDN-T1-E3	PowerPak1212-8	20	6.0	20	-----	0.0300	0.0360	0.0450	17.8				
◆ 781-SI6968BEDQ-E3	SI6968BEDQ-T1-E3	TSSOP-8	20	6.5	30	-----	0.0220	0.0300	-----	1.5				
◆ 781-SI9926BDY-T1-E3	SI9926BDY-T1-E3	SO-8	20	8.2	30	-----	0.0200	0.0300	-----	1.1				
◆ 781-SIZ700DT-GE3	SI Z700DT-T1-GE3	PowerPAIR 6x3.7	20	16	60	0.0086/0.0058	0.0108/0.0066	-----	-----	2.36/2.8				
◆ 781-SI6924AEDQ-T1-E3	SI6924AEDQ-T1-E3	TSSOP-8	28	4.6	20	-----	0.0330	0.0420	-----	1.3				
◆ 781-SI1900DL-E3	SI1900DL-T1-E3	SOT-363	30	0.63	1.0	0.4800	0.7000	-----	-----	0.27				
◆ 781-SI4936ADY-T1-E3	SI4936ADY-T1-E3	SO-8	30	5.9	±30	0.0360	0.0530	-----	-----	1.1				
◆ 781-SI4936BDY-T1-E3	SI4936BDY-T1-E3	SO-8	30	6.9	30	0.0350	0.0510	-----	-----	2.8				
◆ 781-SI4920DY-T1-E3	SI4920DY-T1-E3	SO-8	30	±6.9	±40	0.0250	0.0350	-----	-----	2.0				
◆ 781-SI4804BDY-E3	SI4804BDY-T1-E3	SO-8	30	7.5	30	0.0220	0.0300	-----	-----	1.1				
◆ 781-SI4922BDY-T1-E3	SI4922BDY-T1-E3	SO-8	30	8.0	35	0.0135	0.0145	0.0180	-----	3.1				
◆ 781-SI4972DY-T1-E3	SI4972DY-T1-E3	SO-8	30	8.3/4.0	20	0.0145/0.0265	0.0195/0.036	-----	-----	3.1				
◆ 781-SI4330DY-T1-E3	SI4330DY-T1-E3	SO-8	30	8.7	±30	0.0165	0.0220	-----	-----	2.0				
◆ 781-SI4940DY-T1-E3	SI4940DY-T1-E3	SO-8	40	5.7	30	0.0360	0.0590	-----	-----	1.1				
◆ 781-SI4910DY-T1-E3	SI4910DY-T1-E3	SO-8	40	6.0	20	0.0270	0.0320	-----	-----	3.1				
◆ 781-SI7222DN-T1-E3	SI7222DN-T1-E3	PowerPak 1212-8	40	6.0	24	0.0420	0.0470	-----	-----	17.8				
◆ 781-SI9945AEY-T1-E3	SI9945AEY-T1-E3	SO-8	60	±3.7	25	0.0800	0.1000	-----	-----	2.4				
◆ 781-SI7948DP-T1-E3	SI7948DP-T1-E3	PowerPakSO-8	60	4.6	15	0.0750	0.1000	-----	-----	1.4				
◆ 781-SI7220DN-T1-E3	SI7220DN-T1-E3	PowerPak 1212-8	60	4.8	20	0.0600	0.0750	-----	-----	2.6				
◆ 781-SI4946BEY-E3	SI4946BEY-T1-E3	SO-8	60	6.5	30	0.0410	0.0520	-----	-----	3.7				
◆ 781-SI4992EY-T1-E3	SI4992EY-T1-E3	SO-8	75	4.8	20	0.0480	0.0620	-----	-----	2.4				
◆ 781-SI4980DY-T1-E3	SI4980DY-T1-E3	SO-8	80	3.7	30	0.0750	0.095 @ 6V	-----	-----	2.0				
◆ 781-SI4982DY-T1-E3	SI4982DY-T1-E3	SO-8	100	2.6	20	0.1500	0.18 @ 6V	-----	-----	2.0				
◆ 781-SI7942DP-E3	SI7942DP-T1-E3	PowerPakSO-8	100	5.9	20	0.0490	0.060 @ 6V	-----	-----	3.5				
◆ 781-SI7946DP-T1-E3	SI7946DP-T1-E3	PowerPakSO-8	150	3.3	10	0.1500	0.168 @ 6V	-----	-----	3.5				

## N-CHANNEL SKYFET® MOSFETS (SINGLE CONFIGURATION)

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-SI4628DY-GE3	SI4628DY-T1-GE3	SO-8	30	38	70	0.0030	0.0038	-----	-----	7.8				

## N-CHANNEL WFET™ MOSFETS (SINGLE CONFIGURATION)

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-SIE800DF-T1-E3	SI E800DF-T1-E3	PolarPak	30	90	60	0.0072	0.0115	-----	-----	104				
◆ 781-SI7430DP-T1-E3	SI7430DP-T1-E3	PowerPakSO-8	150	26	50	0.0450	0.047 @ 8V	-----	-----	64				

## N-CHANNEL LOGIC LEVEL MOSFETS (SINGLE CONFIGURATION)

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-SUP45N03-13L-E3	SUP45N03-13L-E3	TO-220AB	30	45	100	0.0130	0.0200	-----	-----	88				
◆ 781-SUD30N04-10-E3	SUD30N04-10-E3	TO-252	40	30	120	0.0100	0.0140	-----	-----	97				
◆ 781-SUM70N04-07L-E3	SUM70N04-07L-E3	TO-263	40	70	120	0.0074	0.0110	-----	-----	100				
◆ 781-SUM110N04-05H-E3	SUM110N04-05H-E3	TO-263	40	110	300	0.0053	-----	-----	-----	150				
◆ 781-SUD45N05-20L-E3	SUD45N05-20L-E3	TO-252	50	30	100	0.0180	0.0200	-----	-----	75				
◆ 781-SUM110N05-06L-E3	SUM110N05-06L-E3	TO-263	55	110	240	0.0060	0.0085	-----	-----	158				
◆ 781-SUD15N06-90L-E3	SUD15N06-90L-E3	TO-252	60	15	30	0.0650	0.0900	-----	-----	37				
◆ 781-SUD25N06-45L-E3	SUD25N06-45L-E3	TO-252	60	25	30	0.0350	0.0450	-----	-----	50				
◆ 781-SUD40N06-25L-E3	SUD40N06-25L-E3	TO-252	60	30	100	0.0220	0.0250	-----	-----	75				
◆ 781-SUM50N06-16L-E3	SUM50N06-16L-E3	TO-263	60	50	100	0.0160	0.0220	-----	-----	93				
◆ 781-SUM75N06-09L-E3	SUM75N06-09L-E3	TO-263	90	90	160	0.0093	0.0135	-----	-----	125				
◆ 781-SUD06N10-225L-E3	SUD06N10-225L-E3	TO-252	100	6.5	8.0	0.2000	0.2250	-----	-----	20				