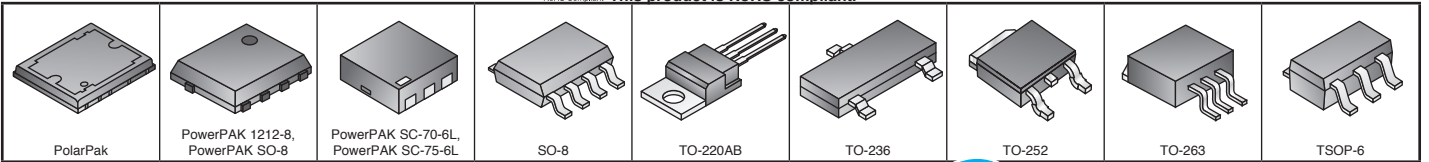


SILICONIX MOSFET Transistors

RoHS Compliant This product is RoHS compliant.

MOSFETS



N-CHANNEL TRENCHFET® MOSFETS (SINGLE CONFIGURATION) (CONT.)

PRODUCT NEW

◆ Surface Mount Device

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-SI3454ADV-E3	SI3454ADV-T1-E3	TSOP-6	30	4.5	20	0.0600	0.0850	-----	-----	1.14	.65	.39	.29	.22
◆ 781-SI2336DS-T1-GE3	SI2336DS-T1-GE3	TO-236	30	5.2	20	-----	0.042	0.046	0.052	1.8	.44	.29	.22	.17
◆ 781-SI3424DV-E3	SI3424DV-T1-E3	TSOP-6	30	6.7	30	0.0280	0.0380	-----	-----	1.14	1.60	1.13	.88	.69
◆ 781-SIB408DK-GE3	SIB408DK-T1-GE3	PowerPAK SC-75-6L	30	7.0	20	0.0400	0.0500	-----	-----	1.3	.60	.35	.275	.22
◆ 781-SI4346DY-T1-E3	SI4346DY-T1-E3	SO-8	30	8.0	30	0.0230	0.0250	0.0360	-----	2.5	.74	.50	.36	.33
◆ 781-SI9410BDY-T1-E3	SI9410BDY-T1-E3	SO-8	30	8.1	30	0.0240	0.0330	-----	-----	1.5	1.57	.953	.696	.494
◆ 781-SI8410DK-T1-GE3	SI8410DK-T1-GE3	PowerPAK SC-75-6L	30	9	20	-----	0.042	0.046	0.052	1.3	.60	.35	.251	.20
◆ 781-SI4800BDY-E3	SI4800BDY-T1-E3	SO-8	30	9	40	0.0185	0.0300	-----	-----	1.3	.76	.51	.38	.305
◆ 781-SI7804DN-T1-E3	SI7804DN-T1-E3	PowerPAK 1212-8	30	10	40	0.0185	0.0300	-----	-----	1.5	2.69	1.76	1.47	1.12
◆ 781-SI4410BDY-E3	SI4410BDY-T1-E3	SO-8	30	10	50	0.0135	0.0200	-----	-----	1.4	.76	.65	.62	.60
◆ 781-SI4128DY-T1-GE3	SI4128DY-T1-GE3	SO-8	30	10.9	30	0.0240	0.0300	-----	-----	5.0	.67	.40	.34	.30
◆ 781-SI4890DY-T1-E3	SI4890DY-T1-E3	SO-8	30	±11	±50	0.0120	0.0200	-----	-----	2.5	3.32	2.31	1.66	1.23
◆ 78-SIA418DJ-T1-GE3	SIA418DJ-T1-GE3	SC-70-6L	30	12	40	0.018	0.022	-----	-----	19	.50	.29	.22	.17
◆ 781-SI4178DY-T1-GE3	SI4178DY-T1-GE3	SO-8	30	12	40	0.021	0.033	-----	-----	5	.69	.47	.34	.27
◆ 781-SIA444DJ-T1-GE3	SIA444DJ-T1-GE3	PowerPAK SC-70-6L	30	12	40	0.017	0.022	-----	-----	19	.76	.45	.35	.28
◆ 781-SIS478DN-T1-GE3	SIS478DN-T1-GE3	PowerPAK 1212-8	30	12	40	0.02	0.03	-----	-----	15.6	.65	.44	.32	.25
◆ 781-SIS412DN-T1-GE3	SIS412DN-T1-GE3	PowerPAK 1212-8	30	12	30	0.0240	0.0300	-----	-----	15.6	.65	.44	.32	.25
◆ 781-SI4894BDY-E3	SI4894BDY-T1-E3	SO-8	30	12	40	0.0110	0.0160	-----	-----	1.4	1.63	.988	.722	.513
◆ 781-SI4880DY-T1-E3	SI4880DY-T1-E3	SO-8	30	±13	±50	0.0085	0.0140	-----	-----	2.5	3.59	2.05	1.97	1.50
◆ 781-SI4420BDY-T1-E3	SI4420BDY-T1-E3	SO-8	30	13.5	50	0.0085	0.0110	-----	-----	1.4	.79	.54	.396	.394
◆ 781-SI4134DY-T1-GE3	SI4134DY-T1-GE3	SO-8	30	14	32	0.0140	0.0175	-----	-----	5.0	.84	.50	.40	.35
◆ 781-SI7806ADN-T1-E3	SI7806ADN-T1-E3	PowerPAK 1212-8	30	14	40	0.0110	0.0160	-----	-----	1.5	1.60	1.13	.88	.69
◆ 781-SI4384DY-T1-E3	SI4384DY-T1-E3	SO-8	30	15	±50	0.0085	0.0125	-----	-----	1.47	1.14	.80	.62	.49
◆ 781-SI4172DY-T1-GE3	SI4172DY-T1-GE3	SO-8	30	15	50	0.0120	0.0150	-----	-----	4.5	.92	.548	.505	.37
◆ 781-SI7716ADN-T1-GE3	SI7716ADN-T1-GE3	PowerPAK 1212-8	30	16	32	0.0135	0.0165	-----	-----	27.7	1.00	.71	.55	.43
◆ 781-SI4386DY-T1-E3	SI4386DY-T1-E3	SO-8	30	16	±50	0.0058	0.0078	-----	-----	3.1	1.14	.80	.62	.57
◆ 781-SI4888DY-T1-E3	SI4888DY-T1-E3	SO-8	30	16	±50	0.0070	0.0100	-----	-----	1.6	4.10	2.34	2.25	1.70
◆ 781-SI4874BDY-T1-E3	SI4874BDY-T1-E3	SO-8	30	16	±50	0.0070	0.0085	-----	-----	1.6	1.14	.80	.70	.675
◆ 781-SI4174DY-T1-GE3	SI4174DY-T1-GE3	SO-8	30	17	50	0.0095	0.0130	-----	-----	5.0	.96	.573	.528	.44
◆ 781-SUD50N03-12P-E3	SUD50N03-12P-E3	TO-252	30	17.5	40	0.0120	0.0175	-----	-----	46.8	.80	.649	.612	.60
◆ 781-SI7860DP-T1-E3	SI7860DP-T1-E3	PowerPAK SO-8	30	18	±50	0.0080	0.0110	-----	-----	1.8	1.49	1.22	1.17	1.13
◆ 781-SI4686DY-T1-E3	SI4686DY-T1-E3	SO-8	30	18.2	50	0.0078	0.0110	-----	-----	5.2	1.14	.80	.62	.49
◆ 781-SI7114DN-T1-E3	SI7114DN-T1-E3	PowerPAK 1212-8	30	18.3	60	0.0075	0.0100	-----	-----	3.8	2.52	1.76	1.36	1.15
◆ 781-SI7386DP-T1-E3	SI7386DP-T1-E3	PowerPAK SO-8	30	19	±50	0.0070	0.0095	-----	-----	5.0	1.32	.93	.73	.57
◆ 781-SI7388DP-T1-E3	SI7388DP-T1-E3	PowerPAK SO-8	30	19	±50	0.0070	0.0100	-----	-----	1.9	3.98	2.59	2.17	1.65
◆ 781-SI4162DY-T1-GE3	SI4162DY-T1-GE3	SO-8	30	19.3	70	0.0079	0.0100	-----	-----	5.0	.50	.425	.41	.39
◆ 781-SIS414DN-T1-GE3	SIS414DN-T1-GE3	PowerPAK 1212-8	30	20	50	-----	0.016	0.02	-----	31	.91	.62	.45	.35
◆ 781-SIR474DP-T1-GE3	SIR474DP-T1-GE3	PowerPAK SO-8	30	20	50	0.0095	0.0120	-----	-----	29.8	1.08	.72	.60	.48
◆ 781-SIR472DP-T1-GE3	SIR472DP-T1-GE3	PowerPAK SO-8	30	20	50	0.0120	0.0150	-----	-----	29.8	.88	.60	.44	.35
◆ 781-SI4430BDY-T1-E3	SI4430BDY-T1-E3	SO-8	30	20	±50	0.0045	0.0060	-----	-----	1.6	1.68	1.19	.93	.73
◆ 78-SIRA14DP-T1-GE3	SIRA14DP-T1-GE3	PowerPAK SO-8	30	20	80	0.00551	0.0085	-----	-----	15.6	.77	.526	.386	.307
◆ 781-SI4442DY-T1-E3	SI4442DY-T1-E3	SO-8	30	22	60	0.0045	0.0050	0.0075	-----	1.6	2.29	1.95	1.84	1.80
◆ 781-SI4168DY-T1-GE3	SI4168DY-T1-GE3	SO-8	30	24	70	0.0057	0.0076	-----	-----	5.7	1.47	.888	.65	.57
◆ 781-SI7892BDP-T1-E3	SI7892BDP-T1-E3	PowerPAK SO-8	30	25	60	0.0042	0.0057	-----	-----	5.0	1.73	1.22	.95	.75
◆ 781-SI4368DY-T1-E3	SI4368DY-T1-E3	SO-8	30	25	70	0.0032	0.0036	-----	-----	1.6	1.82	1.27	.98	.83
◆ 78-SIRA12DP-T1-GE3	SIRA12DP-T1-GE3	PowerPAK SO-8	30	25	80	0.0043	0.006	-----	-----	31	1.56	.94	.698	.541
◆ 78-SISA12DN-T1-GE3	SISA12DN-T1-GE3	PowerPAK 1212-8	30	25	80	0.0043	0.006	-----	-----	28	.99	.69	.54	.45
◆ 781-SI4160DY-T1-GE3	SI4160DY-T1-GE3	SO-8	30	25.4	70	0.0049	0.0063	-----	-----	5.2	1.82	1.22	.642	.61
◆ 781-SI7636DP-T1-E3	SI7636DP-T1-E3	PowerPAK SO-8	30	28	60	0.0040	0.0048	-----	-----	5.7	.68	1.19	.93	.73
◆ 781-SI4842BDY-E3	SI4842BDY-T1-E3	SO-8	30	28	60	0.0042	0.0057	-----	-----	6.25	3.16	1.88	1.73	1.40
◆ 781-SI4164DY-T1-GE3	SI4164DY-T1-GE3	SO-8	30	30	70	0.0032	0.0039	-----	-----	6.0	1.46	1.03	.80	.63
◆ 781-SI7336ADP-T1-E3	SI7336ADP-T1-E3	PowerPAK SO-8	30	30	70	0.0030	0.0040	-----	-----	5.4	1.64	1.16	.90	.71
◆ 781-SIR462DP-T1-GE3	SIR462DP-T1-GE3	PowerPAK SO-8	30	30	70	0.0079	0.0100	-----	-----	41.7	1.29	.91	.71	.56
◆ 78-SIRA10DP-T1-GE3	SIRA10DP-T1-GE3	PowerPAK SO-8	30	30	80	0.0037	0.005	-----	-----	40	1.05	.73	.57	.48
◆ 78-SISA10DN-T1-GE3	SISA10DN-T1-GE3	PowerPAK 1212-8	30	30	80	0.0037	0.005	-----	-----	39	1.05	.73	.57	.48
◆ 781-SI7686DP-T1-E3	SI7686DP-T1-E3	PowerPAK SO-8	30	35	50	0.0095	0.0140	-----	-----	37.9	1.03	.83	.78	.71
◆ 781-SI7114ADN-T1-GE3	SI7114ADN-T1-GE3	PowerPAK 1212-8	30	35	60	0.0075	0.0098	-----	-----	39	.91	.645	.50	.396
◆ 781-SI7718DN-T1-GE3	SI7718DN-T1-GE3	PowerPAK 1212-8	30	35	70	0.0060	0.0082	-----	-----	52	1.20	.84	.66	.51
◆ 781-SI7784DP-T1-GE3	SI7784DP-T1-GE3	PowerPAK SO-8	30	35	70	0.0060	0.0082	-----	-----	27.7	1.19	.84	.65	.51
◆ 781-SIS456DN-T1-GE3	SIS456DN-T1-GE3	PowerPAK 1212-8	30	35	100	0.0051	0.0068	-----	-----	52	1.09	.77	.59	.46
◆ 781-SI4438DY-E3	SI4438DY-T1-E3	SO-8	30	36	70	0.0027	0.0040	-----	-----	7.8	3.19	1.96	1.75	1.50
◆ 78-SIS322DNT-T1-GE3	SIS322DNT-T1-GE3	PowerPAK 1212-8	30	38.3	70	0.0075	0.012	-----	-----	19.8	.50	.344	.252	.201
◆ 78-SISA18DN-T1-GE3	SISA18DN-T1-GE3	PowerPAK 1212-8	30	38.3	70	0.0075	0.012	-----	-----	19.8	.65	.445	.327	.26
◆ 78-SISA04DN-T1-GE3	SISA04DN-T1-GE3	PowerPAK 1212-8	30	40	80	0.00215	0.0031	-----	-----	52	.74	.61	.57	.52
◆ 78-SIRA04DP-T1-GE3	SIRA04DP-T1-GE3	PowerPAK SO-8	30	40	80	0.00215	0.0031	-----	-----	27.7	1.44	1.02	.79	.62
◆ 78-SIRA06DP-T1-GE3	SIRA06DP-T1-GE3	PowerPAK SO-8	30	40	80	0.0025	0.0035	-----	-----	27.7	1.29	.97	.71	.56
◆ 78-SIS476DN-T1-GE3	SI476DN-T1-GE3	PowerPAK SO-8	30	40	80	0.0025	0.0035	-----	-----	52	1.29	.97	.71	.56
◆ 781-SI4126DY-T1-GE3	SI4126DY-T1-GE3	SO-8	30	49	70	0.00275	0.0034	-----	-----	7.8	2.80	1.96	1.40	1.04
◆ 781-SI7880ADP-E3	SI7880ADP-T1-E3	PowerPAK SO-8	30	40	70	0.0030	0.0040	-----	-----	83	3.13	2.53	2.38	2.21
◆ 781-SIR166DP-T1-GE3	SIR166DP-T1-GE3	PowerPAK SO-8	30	40	70	0.0032	0.004	-----	-----	48	1.63	1.15	.89	.70
◆ 781-SIR466DP-T1-GE3	SIR466DP-T1-GE3	PowerPAK SO-8	30	40	70	0.0								