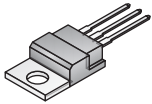


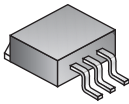
SILICONIX MOSFET Transistors



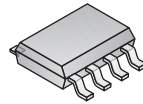
RoHS Compliant This product is RoHS compliant.



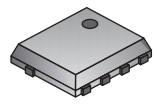
TO-220AB



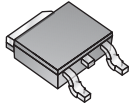
TO-263



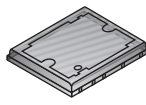
SO-8



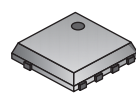
PowerPak1212-8



TO-252



PolarPak



PowerPakSO-8

MOSFETS

Vishay Siliconix

N-CHANNEL TRENCHFET MOSFETS (SINGLE CONFIGURATION) CONT.



◆ Surface Mount Device

For quantities of 2000 and up, 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-SI4800BDY-T1-E3	SI4800BDY-T1-E3	SO-8	30	9.0	40	0.0185	0.0300	-----	-----	1.3	1.01	.85	.70	.65
◆ 781-SI7804DN-T1-E3	SI7804DN-T1-E3	PowerPak1212-8	30	10	40	0.0185	0.0300	-----	-----	1.5	1.22	.99	.93	.84
◆ 781-SI4410BDY-E3	SI4410BDY-T1-E3	SO-8	30	10	50	0.0135	0.0200	-----	-----	1.4	.76	.62	.58	.52
◆ 781-SI4128DY-T1-GE3	SI4128DY-T1-GE3	SO-8	30	10.9	30	0.0240	0.0300	-----	-----	5.0	.34	.27	.26	.23
◆ 781-SI4890DY-T1-E3	SI4890DY-T1-E3	SO-8	30	±11	±50	0.0120	0.0200	-----	-----	2.5	1.81	1.46	1.38	1.25
◆ 781-SI412DN-T1-GE3	SI412DN-T1-GE3	PowerPak1212-8	30	12	30	0.0240	0.0300	-----	-----	15.6	.32	.26	.24	.22
◆ 781-SI4894BDY-E3	SI4894BDY-T1-E3	SO-8	30	12	40	0.0110	0.0160	-----	-----	1.4	.73	.51	.465	.427
◆ 781-SI4880DY-T1-E3	SI4880DY-T1-E3	SO-8	30	±13	±50	0.0085	0.0140	-----	-----	2.5	2.58	2.09	1.97	1.78
◆ 781-SI4420BDY-T1-E3	SI4420BDY-T1-E3	SO-8	30	13.5	50	0.0085	0.0110	-----	-----	1.4	1.20	.97	.91	.83
◆ 781-SI4134DY-T1-GE3	SI4134DY-T1-GE3	SO-8	30	14	32	0.0140	0.0175	-----	-----	5.0	.42	.34	.32	.29
◆ 781-SI7806ADN-T1-E3	SI7806ADN-T1-E3	PowerPak1212-8	30	14	40	0.0110	0.0160	-----	-----	1.5	1.30	1.09	1.00	.567
◆ 781-SUD50N03-16P-E3	SUD50N03-16P-E3	TO-252	30	15	40	0.0160	0.0240	-----	-----	40.8	1.02	.70	.646	.611
◆ 781-SI4384DY-T1-E3	SI4384DY-T1-E3	SO-8	30	15	±50	0.0085	0.0125	-----	-----	1.47	1.01	.82	.77	.70
◆ 781-SI4172DY-T1-GE3	SI4172DY-T1-GE3	SO-8	30	15	50	0.0120	0.0150	-----	-----	4.5	.46	.37	.35	.32
◆ 781-SI7716ADN-T1-GE3	SI7716ADN-T1-GE3	PowerPak1212-8	30	16	32	0.0135	0.0165	-----	-----	27.7	1.24	1.04	.96	.76
◆ 781-SI4386DY-T1-E3	SI4386DY-T1-E3	SO-8	30	16	±50	0.0058	0.0078	-----	-----	3.1	1.11	.90	.85	.77
◆ 781-SI4888DY-T1-E3	SI4888DY-T1-E3	SO-8	30	16	±50	0.0070	0.0100	-----	-----	1.6	1.85	1.50	1.41	1.28
◆ 781-SI4874BDY-T1-E3	SI4874BDY-T1-E3	SO-8	30	16	±50	0.0070	0.0085	-----	-----	1.6	1.68	1.36	1.28	1.16
◆ 781-SI4174DY-T1-GE3	SI4174DY-T1-GE3	SO-8	30	17	50	0.0095	0.0130	-----	-----	5.0	.48	.39	.37	.33
◆ 781-SUD50N03-12P-E3	SUD50N03-12P-E3	TO-252	30	17.5	40	0.0120	0.0175	-----	-----	46.8	.97	.78	.74	.67
◆ 781-SI7860DP-T1-E3	SI7860DP-T1-E3	PowerPakSO-8	30	18	±50	0.0080	0.0110	-----	-----	1.8	1.68	1.43	1.34	1.22
◆ 781-SI4686DY-T1-E3	SI4686DY-T1-E3	SO-8	30	18.2	50	0.0078	0.0110	-----	-----	5.2	.95	.77	.72	.65
◆ 781-SI7114DN-T1-E3	SI7114DN-T1-E3	PowerPak1212-8	30	18.3	60	0.0075	0.0100	-----	-----	3.8	2.08	1.80	1.65	1.26
◆ 781-SI7386DP-T1-E3	SI7386DP-T1-E3	PowerPakSO-8	30	19	±50	0.0070	0.0095	-----	-----	5.0	1.34	1.09	1.02	.741
◆ 781-SI7388DP-T1-E3	SI7388DP-T1-E3	PowerPakSO-8	30	19	±50	0.0070	0.0100	-----	-----	1.9	1.55	1.26	1.18	1.07
◆ 781-SI4162DY-T1-GE3	SI4162DY-T1-GE3	SO-8	30	19.3	70	0.0079	0.0100	-----	-----	5.0	.50	.41	.38	.35
◆ 781-SIR474DP-T1-GE3	SIR474DP-T1-GE3	PowerPakSO-8	30	20	50	0.0095	0.0120	-----	-----	29.8	.50	.41	.38	.35
◆ 781-SIR472DP-T1-GE3	SIR472DP-T1-GE3	PowerPakSO-8	30	20	50	0.0120	0.0150	-----	-----	29.8	.42	.34	.32	.29
◆ 781-SI4430BDY-T1-E3	SI4430BDY-T1-E3	SO-8	30	20	±60	0.0045	0.0060	-----	-----	1.6	2.14	1.62	1.45	.962
◆ 781-SI4442DY-T1-E3	SI4442DY-T1-E3	SO-8	30	22	60	0.0045	0.0050	0.0075	-----	1.6	2.04	1.74	1.64	1.48
◆ 781-SI7382DP-T1-E3	SI7382DP-T1-E3	PowerPakSO-8	30	24	±50	0.0047	0.0062	-----	-----	5.0	1.51	1.22	1.15	.936
◆ 781-SI4168DY-T1-GE3	SI4168DY-T1-GE3	SO-8	30	24	70	0.0057	0.0076	-----	-----	5.7	.71	.58	.54	.49
◆ 781-SI7892BDP-T1-E3	SI7892BDP-T1-E3	PowerPakSO-8	30	25	60	0.0042	0.0057	-----	-----	5.0	2.18	1.77	1.66	1.36
◆ 781-SI4368DY-T1-E3	SI4368DY-T1-E3	SO-8	30	25	70	0.0032	0.0036	-----	-----	1.6	3.17	2.57	2.42	1.48
◆ 781-SI4160DY-T1-GE3	SI4160DY-T1-GE3	SO-8	30	25.4	70	0.0049	0.0063	-----	-----	5.7	.82	.66	.62	.57
◆ 781-SI7636DP-T1-E3	SI7636DP-T1-E3	PowerPakSO-8	30	28	60	0.0040	0.0048	-----	-----	5.2	2.37	1.92	1.81	1.09
◆ 781-SI4842BDY-E3	SI4842BDY-T1-E3	SO-8	30	28	60	0.0042	0.0057	-----	-----	6.25	1.87	1.51	1.42	1.23
◆ 781-SI4164DY-T1-GE3	SI4164DY-T1-GE3	SO-8	30	30	70	0.0032	0.0039	-----	-----	6.0	.88	.71	.67	.61
◆ 781-SI7336ADP-T1-E3	SI7336ADP-T1-E3	PowerPakSO-8	30	30	70	0.0030	0.0040	-----	-----	5.4	4.10	2.73	2.25	1.69
◆ 781-SIR462DP-T1-GE3	SIR462DP-T1-GE3	PowerPakSO-8	30	30	70	0.0079	0.0100	-----	-----	41.7	1.05	.88	.816	.646
◆ 781-SI4166DY-T1-GE3	SI4166DY-T1-GE3	SO-8	30	30.5	70	0.0039	0.0055	-----	-----	6.5	.88	.71	.67	.61
◆ 781-SI7686DP-T1-E3	SI7686DP-T1-E3	PowerPakSO-8	30	35	50	0.0095	0.0140	-----	-----	37.9	1.03	.83	.78	.71
◆ 781-SI7114ADN-T1-GE3	SI7114ADN-T1-GE3	PowerPak1212-8	30	35	60	0.0075	0.0098	-----	-----	39	.49	.40	.38	.34
◆ 781-SIR402DP-T1-GE3	SIR402DP-T1-GE3	PowerPakSO-8	30	35	70	0.0060	0.0080	-----	-----	36	1.76	1.52	1.40	1.06
◆ 781-SIS402DN-T1-GE3	SIS402DN-T1-GE3	PowerPak1212-8	30	35	70	0.0060	0.0080	-----	-----	52	2.56	1.67	1.40	1.06
◆ 781-SI7718DN-T1-GE3	SI7718DN-T1-GE3	PowerPak1212-8	30	35	70	0.0060	0.0082	-----	-----	52	.69	.56	.53	.476
◆ 781-SI7784DP-T1-GE3	SI7784DP-T1-GE3	PowerPakSO-8	30	35	70	0.0060	0.0082	-----	-----	27.7	1.05	.85	.80	.73
◆ 781-SI4438DY-E3	SI4438DY-T1-E3	SO-8	30	36	70	0.0027	0.0040	-----	-----	7.8	1.81	1.46	1.38	1.20
◆ 781-SI4126DY-T1-GE3	SI4126DY-T1-GE3	SO-8	30	49	70	0.00275	0.0034	-----	-----	7.8	1.51	1.22	1.15	1.04
◆ 781-SI7380ADP-T1-E3	SI7380ADP-T1-E3	PowerPakSO-8	30	40	70	0.0030	0.0035	-----	-----	83	2.98	2.41	2.27	2.06
◆ 781-SI7880ADP-E3	SI7880ADP-T1-E3	PowerPakSO-8	30	40	70	0.0030	0.0040	-----	-----	83	3.13	2.53	2.38	2.09
◆ 781-SIR466DP-T1-GE3	SIR466DP-T1-GE3	PowerPakSO-8	30	40	70	0.0035	0.0051	-----	-----	54	1.05	.88	.816	.646
◆ 781-SIR460DP-T1-GE3	SIR460DP-T1-GE3	PowerPakSO-8	30	40	70	0.0047	0.0061	-----	-----	48	.71	.58	.54	.49
◆ 781-SIR468DP-T1-GE3	SIR468DP-T1-GE3	PowerPakSO-8	30	40	70	0.0047	0.0076	-----	-----	50	1.17	.98	.912	.722
◆ 781-SIR464DP-T1-GE3	SIR464DP-T1-GE3	PowerPakSO-8	30	50	70	0.0031	0.0038	-----	-----	69	.78	.63	.59	.54
◆ 781-SUD50N03-11-E3	SUD50N03-11-E3	TO-252	30	50	100	0.0110	0.0170	-----	-----	62.5	1.74	1.41	1.33	1.20
◆ 781-SIE7658ADP-T1-GE3	SIE7658ADP-T1-GE3	PowerPakSO-8	30	60	80	0.0022	0.0028	-----	-----	83	2.88	2.46	2.25	1.68
◆ 781-SIE726DF-E3	SIE726DF-T1-E3	PolarPak	30	60	80	0.0024	0.0033	-----	-----	125	3.00	2.43	2.29	2.07
◆ 781-SI7192DP-T1-GE3	SI7192DP-T1-GE3	PowerPakSO-8	30	60	100	0.0019	0.00225	-----	-----	104	2.59	1.80	1.68	1.53
◆ 781-SIE802DF-T1-E3	SIE802DF-T1-E3	PolarPak	30	60	100	0.0019	0.0026	-----	-----	125	3.65	3.12	2.85	2.12
◆ 781-SUD50N03-09P-E3	SUD50N03-09P-E3	TO-252	30	63	50	0.0095	0.0140	-----	-----	65.2	1.41	1.14	1.07	.97
◆ 781-SUM70N03-09CP-E3	SUM70N03-09CP-E3	TO-263	30	70	100	0.0095	0.0140	-----	-----	93	2.17	1.77	1.65	1.50
◆ 781-SUP70N03-09BP-E3	SUP70N03-09BP-E3	TO-220AB	30	70	200	0.0090	0.0130	-----	-----	93	2.00	1.62	1.52	1.38
◆ 781-SUM85N03-06P-E3	SUM85N03-06P-E3	TO-263	30	85	200	0.0080	0.0090	-----	-----	100	2.27	1.84	1.73	1.57
◆ 781-SUP85N03-04P-E3	SUP85N03-04P-E3	TO-220AB	30	85	240	0.0043	0.0070	-----	-----	166	4.64	3.76	3.54	3.20
◆ 781-SUD50N03-06AP-E3	SUD50N03-06AP-E3	TO-252	30	90	100	0.0057	0.0078	-----	-----	83	2.06	1.68	1.57	1.42
◆ 781-SUM110N03-04P-E3	SUM110N03-04P-E3	TO-263	30	110	300	0.0042	0.0065	-----	-----	120	2.23	1.80	1.70	1.54
◆ 781-SIE726DF-GE3	SIE726DF-T1-GE3	PolarPak	30	175	80	0.0024	0.0033	-----	-----	125	3.00	2.43	2.29	2.07
◆ 781-SI4840DY-T1-E3	SI4840DY-T1-E3	SO-8	40	14	50	0.0090	0.0120	-----	-----	1.56	1.36	1.16	1.09	.986
◆ 781-SI7116DN-T1-E3	SI7116DN-T1-E3	PowerPak1212-8	40	16.4	60	0.0078	0.0100	-----	-----	3.8	1.68	1.36	1.28	1.16
◆ 781-SI4456DY-T1-E3	SI4456DY-T1-E3	SO-8	40	33	70	0.0038	0.0045	-----	-----	7.8	1.89	1.53	1.44	1.17
◆ 781-SI4154DY-GE3	SI4154DY-T1-GE3	SO-8	40	36	70	0.0033	0.0039	-----	-----	7.8	.90	.73	.69	.62
◆ 781-SIR414DP-GE3	SIR414DP-T1-GE3	PowerPakSO-8	40	50	70	0.0028	0.0032	-----	-----	83	1.10	.89	.84	.76
◆ 781-SIR416DP-GE3	SIR416DP-T1-GE3	PowerPakSO-8	40	50	70	0.0038	0.0042	-----	-----	69	.82	.66	.62	.57
◆ 781-SI7884BDP-T1-GE3	SI7884BP-T1-GE3	PowerPakSO-8	40	58	50	0.0062	0.0073	-----	-----					