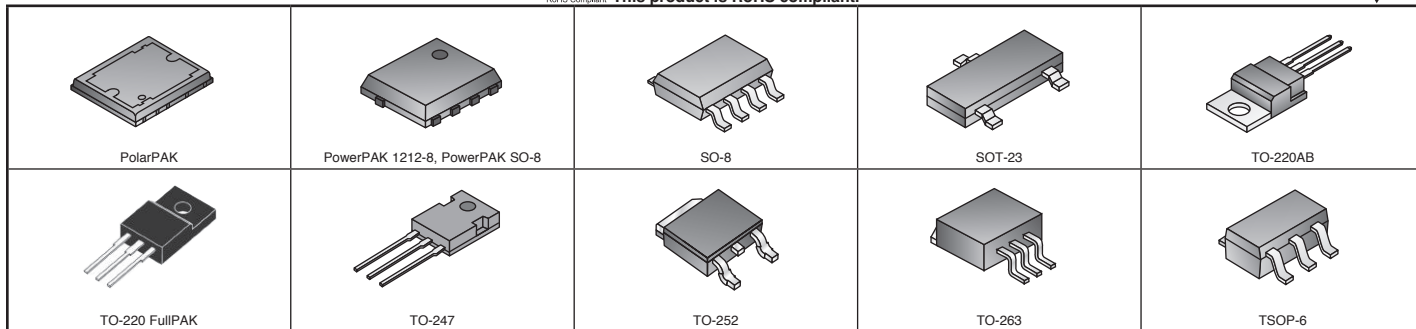


SILICONIX MOSFET Transistors

RoHS Compliant This product is RoHS compliant.



MOSFETS

Vishay Siliconix

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		1	100	500	1000
◆ 781-SI2318CDS-T1-GE3	SI2318CDS-T1-GE3	SOT-23	40	5.6	20	0.042	0.051	2.1	.42	.247	.202	.157
◆ 781-SI7116DN-T1-E3	SI7116DN-T1-E3	PowerPAK 1212-8	40	16.4	60	0.0078	0.0100	3.8	2.30	1.61	1.25	1.05
◆ 781-SI4456DY-T1-E3	SI4456DY-T1-E3	SO-8	40	33	70	0.0038	0.0045	7.8	2.51	1.75	1.36	1.14
◆ 781-SI4154DY-GE3	SI4154DY-T1-GE3	SO-8	40	36	70	0.0033	0.0039	7.8	1.80	1.15	.89	.69
◆ 781-SIR422DP-T1-GE3	SIR422DP-T1-GE3	PowerPAK SO-8	40	40	70	0.0066	0.008	34.7	1.36	.90	.68	.54
◆ 781-SIR414DP-GE3	SIR414DP-T1-GE3	PowerPAK SO-8	40	50	70	0.0028	0.0032	83	1.83	1.27	.98	.83
◆ 781-SIR416DP-GE3	SIR416DP-T1-GE3	PowerPAK SO-8	40	50	70	0.0038	0.0042	69	.82	.66	.62	.61
◆ 781-SI7884BDP-T1-GE3	SI7884BP-T1-GE3	PowerPAK SO-8	40	58	50	0.0062	0.0073	46	1.82	1.29	1.00	.79
◆ 781-SIR470DP-T1-GE3	SIR470DP-T1-GE3	PowerPAK SO-8	40	60	100	0.0023	0.00265	104	3.19	2.22	1.72	1.45
◆ 781-SIR640DP-T1-GE3	SIR640DP-T1-GE3	PowerPAK SO-8	40	60	100	0.0017	0.0022	104	2.28	1.59	1.23	1.04
◆ 781-SUP85N04-03-E3	SUP85N04-03-E3	TO-220AB	40	85	240	0.0035	0.0053	250	3.19	2.67	2.43	2.37
◆ 781-SUM110N042M3LE3	SUM110N04-2M3L-E3	TO-263	40	110	440	0.0023	0.003	3.75	8.00	6.21	5.33	4.81
◆ 781-SQM120N041M7LGE3	SQM120N04-1M7L-GE3	TO-263	40	120	480	0.0017	0.002	375	3.13	2.53	2.39	2.16
◆ 781-2N7002K-E3	2N7002K-T1-E3	SOT-23	60	0.3	0.8	2.0000	4.0000	0.35	.43	.22	.15	.11
◆ 781-SI2308BDS-T1-GE3	SI2308BDS-T1-GE3	SOT-23	60	2.3	8	0.1560	0.1920	1.66	.52	.316	.235	.182
◆ 781-SQ7414EN-T1-E3	SQ7414EN-T1-E3	PowerPAK 1212-8	60	5.6	30	0.0250	-----	1.5	1.58	1.42	1.13	1.01
◆ 781-SI4850EY-T1-E3	SI4850EY-T1-E3	SO-8	60	8.5	40	0.0220	0.0310	1.7	1.68	1.19	.93	.73
◆ 781-SI7414DN-E3	SI7414DN-T1-E3	PowerPAK 1212-8	60	8.7	30	0.0250	0.0360	3.8	1.41	1.00	.77	.67
◆ 781-SI7120DN-T1-E3	SI7120DN-T1-E3	PowerPAK 1212-8	60	10	40	0.0190	0.0280	3.8	2.22	1.55	1.20	1.01
◆ 781-SI7850DP-E3	SI7850DP-T1-E3	PowerPAK SO-8	60	10.3	40	0.0220	0.0310	1.8	1.82	1.29	1.00	.79
◆ 781-SUD23N06-31-GE3	SUD23N06-31-GE3	TO-252	60	15	30	0.0060	0.0900	37	1.06	.75	.58	.46
◆ 781-SI7370DP-T1-E3	SI7370DP-T1-E3	PowerPAK SO-8	60	15.8	50	0.0110	0.013 @ 6V	1.9	2.05	1.43	1.11	.93
◆ 781-SI7460DP-T1-E3	SI7460DP-T1-E3	PowerPAK SO-8	60	18	40	0.0096	0.012	5.4	2.43	1.62	1.34	.995
◆ 781-SI7478DP-T1-E3	SI7478DP-T1-E3	PowerPAK SO-8	60	20	60	0.0075	0.0088	5.4	2.39	1.67	1.29	1.09
◆ 781-SUD50N06-09L-E3	SUD50N06-09L-E3	TO-252	60	50	100	0.0093	0.0122	136	4.67	3.15	2.60	2.06
◆ 781-SIR662DP-T1-GE3	SIR662DP-T1-GE3	PowerPAK SO-8	60	60	100	0.0027	0.0035	104	2.78	1.88	1.56	1.23
◆ 781-SIE876DF-GE3	SIE876DF-T1-GE3	PolarPAK	60	110	60	0.0061	-----	125	2.19	1.76	1.67	1.60
◆ 781-SUM110N063M4LE3	SUM110N06-3M4L-E3	TO-263	60	110	440	0.0034	0.0041	3.75	3.77	2.76	1.88	1.85
◆ 781-SI7148DP-T1-E3	SI7148DP-T1-E3	PowerPAK SO-8	75	28	60	0.0110	0.0145	96	3.15	2.31	1.83	1.57
◆ 781-SUM90N08-4M8P-E3	SUM90N08-4M8P-E3	TO-263	75	90	240	0.0048	0.006 @ 8V	300	3.23	2.36	1.61	1.57
◆ 781-SI4110DY-T1-GE3	SI4110DY-T1-GE3	SO-8	80	6	40	0.0350	0.04 @ 6V	2.5	2.14	1.49	1.15	.97
◆ 781-SI7852DP-E3	SI7852DP-T1-E3	PowerPAK SO-8	80	12.5	7.6	0.0165	0.022 @ 6V	1.9	2.10	1.46	1.13	1.08
◆ 78-SIS468DN-T1-GE3	SIS468DN-T1-GE3	PowerPAK 1212-8	80	30	60	0.0195	0.021	52	1.44	1.02	.79	.62
◆ 781-SUD40N08-16-E3	SUD40N08-16-E3	TO-252	80	40	60	0.0160	-----	136	1.77	1.63	1.55	1.50
◆ 78-SIJ482DP-T1-GE3	SIJ482DP-T1-GE3	PowerPAK SO-8L	80	60	100	0.0062	0.0095	69.4	2.20	1.55	1.21	.96
◆ 781-SIR880DP-T1-GE3	SIR880DP-T1-GE3	PowerPAK SO-8	80	60	100	0.0059	0.0085	104	3.07	2.15	1.66	1.40
◆ 781-SI4100DY-E3	SI4100DY-T1-E3	SO-8	100	6.8	20	0.0510	0.069 @ 6V	6.0	1.27	.90	.70	.55
◆ 781-SI7454DP-E3	SI7454DP-T1-E3	PowerPAK SO-8	100	7.8	30	0.0340	0.04 @ 6V	4.8	1.82	1.29	1.00	.93
◆ 781-SI7456DP-E3	SI7456DP-T1-E3	PowerPAK SO-8	100	9.3	40	0.0250	0.028 @ 6V	1.6	1.76	1.23	.95	.80
◆ 78-SI4190ADY-T1-GE3	SI4190ADY-T1-GE3	SO-8	100	18.4	70	0.0088	0.012	6	1.75	1.22	.95	.80
◆ 781-SI4190DY-T1-GE3	SI4190DY-T1-GE3	SO-8	100	20	70	0.0088	0.012	7.8	2.45	1.93	1.38	1.06
◆ 781-SIR804DP-T1-GE3	SIR804DP-T1-GE3	PowerPAK SO-8	100	20.8	100	0.0072	0.0103	6.25	3.20	2.23	1.73	1.45
◆ 781-SUD40N10-25-E3	SUD40N10-25-E3	TO-252	100	40	70	0.0250	0.0280	136	2.01	1.80	1.70	1.66
◆ 781-SUM40N10-30-E3	SUM40N10-30-E3	TO-263	100	40	75	0.0300	0.034 @ 6V	107	1.47	1.30	1.26	1.23
◆ 781-SIR876DP-T1-GE3	SIR876DP-T1-GE3	PowerPAK SO-8	100	40	80	0.0108	0.0145	62.5	2.60	1.81	1.40	1.18
◆ 781-SIR870DP-T1-GE3	SIR870DP-T1-GE3	PowerPAK SO-8	100	60	100	0.006	0.0078	104	2.93	2.12	1.65	1.44
◆ 78-SIR846ADP-T1-GE3	SIR846ADP-T1-GE3	SO-8	100	60	100	0.0078	-	83	2.57	1.80	1.39	1.18
◆ 781-SUM60N10-17-E3	SUM60N10-17-E3	TO-263	100	60	100	0.0165	0.019 @ 6V	150	2.72	1.90	1.22	1.19
◆ 781-SUP85N10-10-E3	SUP85N10-10-E3	TO-220AB	100	85	240	0.0105	0.0012	250	5.47	5.00	3.93	3.81
◆ 781-SUM110N10-09-E3	SUM110N10-09-E3	TO-263	100	110	440	0.0095	-----	375	4.54	3.86	3.74	3.63
◆ 781-SI3440DV-E3	SI3440DV-T1-E3	TSOP-6	150	1.5	6.0	0.3750	0.4000	2.0	1.36	.96	.75	.59
◆ 781-SI4848DY-T1-E3	SI4848DY-T1-E3	SO-8	150	3.7	25	0.0850	0.095 @ 6V	1.5	1.46	1.03	.80	.63
◆ 781-SI7898DP-T1-E3	SI7898DP-T1-E3	SO-8	150	4.8	25	0.0850	0.095 @ 6V	1.9	1.93	1.34	1.04	.88
◆ 781-SI7846DP-E3	SI7846DP-T1-E3	PowerPAK SO-8	150	6.7	50	0.0500	-----	5.2	2.05	1.43	1.11	.93
◆ 781-SI4472DY-T1-E3	SI4472DY-T1-E3	SO-8	150	7.7	50	0.0450	0.047 @ 8V	5.9	2.93	2.05	1.59	1.34
◆ 781-SUD15N15-95-E3	SUD15N15-95-E3	TO-252	150	15	25	0.0950	0.1 @ 6V	62	2.59	2.01	1.56	.961
◆ 781-SUM23N15-73-E3	SUM23N15-73-E3	TO-263	150	23	35	0.0730	0.077 @ 6V	100	2.76	2.37	2.30	2.23
◆ 781-SUD25N15-52-E3	SUD25N15-52-E3	TO-252	150	25	50	0.0520	0.06 @ 6V	136	2.95	1.99	1.65	1.30
◆ 781-SUM40N15-38-E3	SUM40N15-38-E3	TO-263	150	40	80	0.0380	0.042 @ 6V	166	2.85	1.99	1.28	1.20
◆ 781-SUM85N15-19-E3	SUM85N15-19-E3	TO-263	150	85	180	0.0190	-----	375	6.85	4.21	4.07	3.94
◆ 781-SUP85N15-21-E3	SUP85N15-21-E3	TO-220AB	150	85	180	0.0210	-----	300	3.74	3.13	2.86	2.78
◆ 781-SI4462DY-T1-E3	SI4462DY-T1-E3	SO-8	200	1.5	5.0	0.4800	0.51 @ 6V	2.5	1.27	.90	.70	.55
◆ 781-SI4464DY-T1-E3	SI4464DY-T1-E3	SO-8	200	2.2	8.0	0.2400	0.26 @ 6V	1.5	1.14	.60	.52	.49
◆ 781-SI7820DN-T1-E3	SI7820DN-T1-E3	PowerPAK 1212-8	200	2.6	10	0.2400	0.25 @ 6V	3.8	1.41	1.00	.77	.61
◆ 781-SI4490DY-T1-E3	SI4490DY-T1-E3	SO-8	200	4.0	40	0.0800	0.09 @ 6V	1.56	1.84	1.29	1.00	.84
◆ 781-SI7462DP-T1-E3	SI7462DP-T1-E3	PowerPAK SO-8	200	4.1	12	0.1300	0.142 @ 6V	4.8	2.21	1.54	1.19	1.03
◆ 781-SI7450DP-E3	SI7450DP-T1-E3	PowerPAK SO-8	200	5.3	40	0.0800	0.09 @ 6V	5.2	2.43	1.70	1.31	1.11
◆ 781-SUM09N20-270-E3	SUM09N20-270-E3	TO-263	200	9.0	10	0.2700	0.3 @ 6V	60	3.02	1.98	1.80	1.08
◆ 781-SUD19N20-90-E3	SUD19N20-90-E3	TO-252	200	19	40	0.0900	0.105 @ 6V	136	3.10	2.16	1.68	1.41
◆ 781-SUM65N20-30-E3	SUM65N20-30-E3	TO-263	200	65	140	0.0300	-----	375	3.92	2.87	1.95	1.89
◆ 781-SI7434DP-T1-E3	SI7434DP-T1-E3	PowerPAK SO-8	250	3.8	40	0.1550	0.162 @ 6V	5.2	2.93	2.05	1.59	1.34
◆ 781-SUD17N25-165-E3	SUD17N25-165-E3	TO-252	250	17	20	0.1650	-----	136	2.39	1.85	1.43	.886
◆ 781-SUM45N25-58-E3	SUM45N25-58-E3	TO-263	250	45	90	0.0580	0.062 @ 6V	3.75	3.59	2.63	1.79	1.74