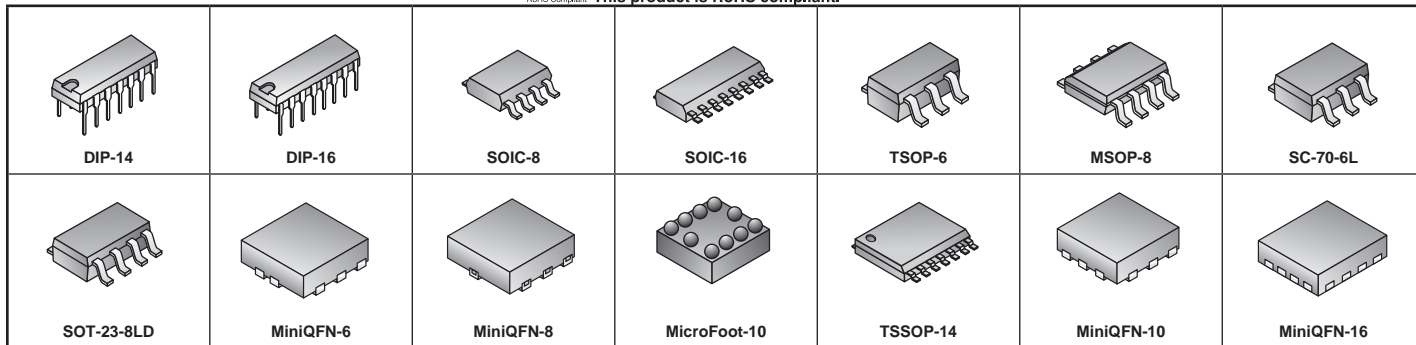


# SILICONIX Analog ICs

RoHS Compliant This product is RoHS compliant.



## ANALOG SWITCHES

### ◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Siliconix Part No.	Package	Switch On-Resistance (Max)(Ω)	Switch Off Leakage Current (Max)(nA)	Prop Delay Time (Max)(nS)	Charge Injection (Typ)(pC)	Supply Voltage (Max) (V)	Package Power Dissipation (Max)(mW)	Temp. Range (°C)	Price Each				
										1	100	500	1000	
<b>1-Channel SPDT (Low Voltage)</b>														
◆ 781-DG2714DL-E3	DG2714DL-T1-E3	SC-70-6L	1.2 @ 3V	1 @ 3.3V	51 @ 3V	9 @ 3V	3	250	-40 to +85	1.18	.837	.651	.511	
◆ 781-DG2020DV-E3	DG2020DV-T1-E3	TSOP-6	3.2	2.3	10	1	3.3	570	-40 to +85	.83	.676	.638	.576	
◆ 781-DG9431DV-T1-E3	DG9431DV-T1-E3	TSOP-6	50	0.01	120	1	13	400	-40 to +85	1.19	1.01	.948	.863	
◆ 781-DG9461DV-E3	DG9461DV-T1-E3	TSOP-6	80	5	120	1	13	400	-40 to +85	1.06	.90	.84	.769	
◆ 781-DG9461DY-E3	DG9461DY-E3	SOIC-8	80	5	120	1	13	400	-40 to +85	1.18	1.00	.942	.858	
<b>1-Channel SPDT (High Power/Low Voltage)</b>														
◆ 781-DG449DS-E3	DG449DS-T1-E3	SOT-23-8LD	45	1	146	5	44	675	-40 to +85	1.68	1.19	.928	.729	
<b>1-Channel SPDT (Low Voltage)</b>														
◆ 781-DG3157ADN-E4	DG3157ADN-T1-E4	MiniQFN-6	7	0.1	1.5	7	5.5	160	-40 to +85	.92	.628	.46	.366	
◆ 781-DG3157BDN-E4	DG3157BDN-T1-E4	MiniQFN-6	7	0.1	1.5	7	5.5	160	-40 to +85	.79	.54	.396	.315	

### ◆ Surface Mount Device



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Siliconix Part No.	Package	Switch On-Resistance (Max)(Ω)	Source Off Leakage Current (Max)(nA)	Turn-On Time (Max)(nS)	Charge Injection (Typ)(pC)	Supply Voltage (Max)(V)	Package Power Dissipation (Max)(mW)	Temp. Range (°C)	Price Each				
										1	100	500	1000	
<b>1-Channel SP3T (Low Voltage)</b>														
◆ 781-DG2522DN-E4	DG2522DN-T1-E4	MiniQFN-8	1.1	20	10	27	5.5	190	-40 to +85	2.10	1.47	1.14	.96	
<b>2-Channel SPST</b>														
◆ 781-DG9232DY-E3	DG9232DY-E3	SOIC-8	30	0.01	120	1	13	400	-40 to +85	1.04	.885	.833	.755	
◆ 781-DG9233DQ-E3	DG9233DQ-T1-E3	MSOP-8	30	0.01	120	1	13	400	-40 to +85	1.22	1.03	.977	.932	
◆ 781-DG9233DY-E3	DG6233DY-E3	SOIC-8	30	0.01	120	1	13	400	-40 to +85	1.12	.95	.89	.81	
◆ 781-DG9262DY-E3	DG9262DY-E3	SOIC-8	80	0.01	120	1	13	400	-40 to +85	1.26	1.01	.959	.868	
◆ 781-DG200BDJ-E3	DG200BDJ-E3	DIP-14	85	2	1000	1	25	470	-40 to +85	1.78	1.61	1.44	1.40	
<b>2-Channel SPST (Low Voltage)</b>														
◆ 781-DG2727DN-E4	DG2727DN-T1-E4	MiniQFN-8	1	100	67	1.2	4.3	190	-40 to +85	1.71	1.21	.945	.742	
◆ 781-DG2737DN-E4	DG2737DN-T1-E4	MiniQFN-8	8	10	60	10.4	4.3	190	-40 to +85	1.14	.81	.63	.495	
◆ 781-DG2738DN-E4	DG2738DN-T1-E4	MiniQFN-8	8	10	60	10.4	4.3	190	-40 to +85	1.14	.81	.63	.495	
◆ 781-DG2739DN-E4	DG2739DN-T1-E4	MiniQFN-8	8	10	60	10.4	4.3	190	-40 to +85	1.14	.81	.63	.495	
<b>2-Channel SPDT</b>														
◆ 781-DG3516DB-T5-E1	DG3516DB-T5-E1	MicroFoot-10	2.9 @ 5V	2	45 @ 5V	1	5.5	457	-40 to +85	2.10	1.47	1.14	.96	
◆ 781-DG643DY-E3	DG643DY-E3	SOIC-16	15	10	70	-19	21	600	-40 to +85	2.81	2.38	2.24	2.03	
◆ 781-DG403DY-E3	DG403DY-E3	SOIC-16	35	0.25	150	60	44	600	-40 to +85	2.99	2.42	2.27	2.06	
◆ 781-DG636EQ-E3	DG636EQ-T1-E3	TSSOP-14	115	0.1	70	0.36	14	178	-40 to +125	1.71	1.21	.945	.742	
◆ 781-DG403DJ-E3	DG403DJ-E3	DIP-16	35	0.25	150	60	44	450	-40 to +85	3.21	2.60	2.45	2.22	
◆ 781-DG303BDJ-E3	DG303BDJ-E3	DIP-14	50	5	150	8	44	470	-40 to +85	2.88	2.72	2.64	2.56	
<b>2-Channel SPDT (Low Voltage)</b>														
◆ 781-DG2735DN-E4	DG2735DN-T1-E4	MiniQFN-10	0.6	2	78	-----	4.3	208	-40 to +85	1.55	1.10	.856	.673	
◆ 781-DG2735ADN-T1-GE4	DG2735ADN-T1-GE4	miniQFN-8	0.6	10	80	-----	5	208	-65 to 150	.77	.52	.43	.34	
◆ 781-DG2725DN-T1-GE4	DG2725DN-T1-GE4	miniQFN-8	1.2	50	100	-----	5	208	-65 to 150	1.69	1.46	.98	.30	
<b>2-Channel DPST</b>														
◆ 781-DG405DY-E3	DG405DY-E3	SOIC-16	35	0.25	150	60	44	600	-40 to +85	6.14	4.34	3.39	2.66	
◆ 781-DG405DJ-E3	DG405DJ-E3	DIP-16	35	0.25	150	60	44	450	-40 to +85	6.14	4.34	3.39	2.66	
<b>2-Channel DPDT (Low Voltage)</b>														
◆ 781-DG2788DN-E4	DG2788DN-T1-E4	MiniQFN-16	0.5	1	72	87	3.3	525	-40 to +85	2.45	1.71	1.33	1.29	
◆ 781-DG2599DN-T1-GE4	DG2599DN-T1-GE4	miniQFN-16	3.3	100	115	±10	5	525	-65 to 150	1.08	.72	.60	.47	
<b>2-Port DPDT (High-Speed-480Mbps)</b>														
◆ 781-DG2720DN-E4	DG2720DN-T1-E4	MiniQFN-10	7	100	30	0.5	4.3	208	-40 to +85	1.89	1.34	1.04	.821	
◆ 781-DG2722DN-E4	DG2722DN-T1-E4	MiniQFN-10	8	100	30	-30	4.3	208	-40 to +85	1.71	1.21	.945	.742	
<b>4-Channel SPST</b>														
◆ 781-DG641DY-E3	DG641DY-E3	SOIC-16	15	10	70	-19	21	600	-40 to +85	2.95	2.52	2.37	2.15	
◆ 781-DG411DY-E3	DG411DY-E3	SOIC-16	35	0.25	175	5	44	600	-40 to +85	1.97	1.42	1.11	.92	
◆ 781-DG412DY-E3	DG412DY-E3	SOIC-16	35	0.25	175	5	44	600	-40 to +85	1.97	1.71	1.11	.92	
◆ 781-DG413DY-E3	DG413DY-E3	SOIC-16	35	0.25	175	5	44	600	-40 to +85	1.97	1.55	1.11	.92	
◆ 781-DG611DY-E3	DG611DY-E3	SOIC-16	45	0.25	25	4	21	600	-40 to +85	3.02	2.68	1.78	1.50	
◆ 781-DG612DY-E3	DG612DY-E3	SOIC-16	45	0.25	25	4	21	600	-40 to +85	3.02	2.39	1.78	1.50	
◆ 781-DG613DY-E3	DG613DY-E3	SOIC-16	45	0.25	35	7	21	600	-40 to +85	3.02	2.39	1.78	1.50	
◆ 781-DG411DJ-E3	DG411DJ-E3	DIP-16	35	0.25	175	5	44	470	-40 to +85	2.53	1.83	1.42	1.18	
◆ 781-DG412DJ-E3	DG412DJ-E3	DIP-16	35	0.25	175	5	44	470	-40 to +85	3.84	2.80	2.27	1.91	
◆ 781-DG413DJ-E3	DG413DJ-E3	DIP-16	35	0.25	175	5	44	470	-40 to +85	3.84	2.80	2.27	1.91	
◆ 781-DG611DJ-E3	DG611DJ-E3	DIP-16	45	0.25	25	4	21	470	-40 to +85	3.36	2.56	1.99	1.68	
◆ 781-DG612DJ-E3	DG612DJ-E3	DIP-16	45	0.25	25	4	21	470	-40 to +85	3.36	2.56	1.99	1.68	