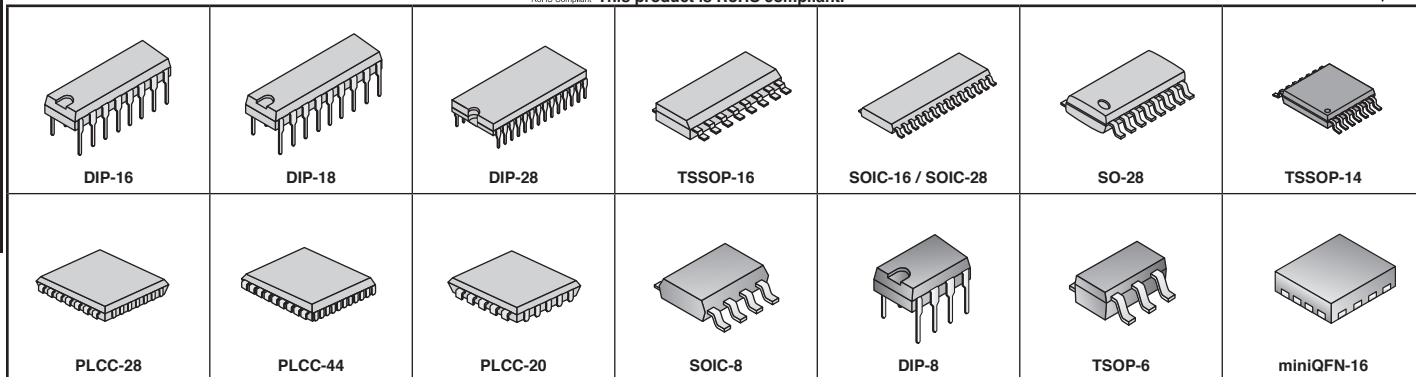


SILICONIX Analog ICs

RoHS Compliant This product is RoHS compliant.



ANALOG MULTIPLEXERS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Siliconix Part No.	Package	Switch On-Resistance (Max)(Ω)	Drain On Leakage Current (Max)(nA)	Transition Time (Max)(ns)	Change Injection (Typ)(pC)	Analog Signal Range (V)	Package Power Dissipation (Max)(mW)	Temp. Range (°C)	Price Each				
										1	100	500	1000	
Triple 2-Channel (Low Voltage)														
◆ 781-DG4053AEQ-T1-E3	DG4053AEQ-T1-E3	TSSOP-16	100	1	110	0.25	±5	450	-40 to +125	1.71	1.21	.945	.745	
◆ 781-DG9454EN-T1-E4	DG9454EN-T1-E4	miniQFN-16L	143	1	205	0.86	12	525	-40 to +125	1.34	.81	.75	.71	
4 Channel														
◆ 781-DG409DQ-E3	DG409DQ-T1-E3	TSSOP-16	100	1	250	20	±15	600	-40 to +85	3.13	2.29	1.82	1.56	
◆ 781-DG409DY-E3	DG409DY-E3	SOIC-16	100	1	250	20	±15	600	-40 to +85	2.55	1.15	.86	.82	
◆ 781-DG604EQ-E3	DG604EQ-T1-E3	TSSOP-14	115	0.1	70	0.7	5	178	-40 to +125	1.71	1.21	.945	.742	
◆ 781-DG509BEQ-E3	DG509BEQ-T1-E3	TSSOP-16	480	1	300	2	±15	450	-40 to +125	3.33	2.32	1.80	1.52	
◆ 781-DG409DJ-E3	DG409DJ-E3	DIP-16	100	1	250	20	±15	450	-40 to +85	1.35	1.15	.862	.83	
4 Channel (Low Voltage)														
◆ 781-DG409LDY-E3	DG409LDY-E3	SOIC-16	29	1	60	5	12	600	-40 to +85	1.27	1.02	.834	.81	
Dual 4-Channel (Low Voltage)														
◆ 781-DG4052AEQ-E3	DG4052AEQ-T1-E3	TSSOP-16	100	1	110	0.25	±5	450	-40 to +125	1.66	1.17	.915	.719	
8-Channel														
◆ 781-DG407DN-E3	DG407DN-E3	PLCC-28	100	1	350	15	±15	450	-40 to +85	5.95	5.10	4.11	4.00	
◆ 781-DG407DW-E3	DG407DW-E3	SOIC-28	100	1	350	15	±15	450	-40 to +85	8.37	5.89	4.34	4.12	
◆ 781-DG408DQ-E3	DG408DQ-T1-E3	TSSOP-16	100	1	250	20	±15	600	-40 to +85	3.37	2.35	1.82	1.54	
◆ 781-DG408DY-E3	DG408DY-E3	SOIC-16	100	1	250	20	±15	600	-40 to +85	2.55	.945	.75	.72	
◆ 781-DG428DN-E3	DG428DN-E3	PLCC-20	100	1	250	1	±15	800	-40 to +85	3.88	3.32	2.57	2.44	
◆ 781-DG508BEQ-E3	DG508BEQ-T1-E3	TSSOP-16	380	1	300	2	±15	450	-40 to +125	3.33	2.32	1.80	1.52	
◆ 781-DG407DJ-E3	DG407DJ-E3	DIP-28	100	1	350	15	±15	625	-40 to +85	6.65	5.62	5.28	5.20	
◆ 781-DG408DJ-E3	DG408DJ-E3	DIP-16	100	1	250	20	±15	450	-40 to +85	2.66	1.19	.89	.85	
◆ 781-DG428DJ-E3	DG428DJ-E3	DIP-18	100	1	250	1	±15	470	-40 to +85	5.26	4.36	3.50	3.45	
8-Channel (Low Voltage)														
◆ 781-DG408LDY-E3	DG408LDY-E3	SOIC-16	30	0.3	60	5	-6 to +12	600	-40 to +85	1.20	.97	.915	.89	
◆ 781-DG4051AEQ-E3	DG4051AEQ-T1-E3	TSSOP-16	100	1	110	0.25	±5	450	-40 to +125	1.71	1.21	.945	.745	
16-Channel														
◆ 781-DG406DJ-E3	DG406DJ-E3	DIP-28	100	1	350	15	±15	625	-40 to +85	4.00	3.17	2.85	2.64	
◆ 781-DG406DW-E3	DG406DW-E3	SOIC-28	100	1	350	15	±15	450	-40 to +85	7.51	5.55	4.65	4.05	
◆ 781-DG407DN-E3	DG407DN-E3	PLCC-28	100	1	350	15	±15	450	-40 to +85	5.95	5.10	4.11	4.00	
◆ 781-DG407DW-E3	DG407DW-E3	SO-28	100	1	350	15	±15	450	-40 to +85	8.37	5.89	4.34	4.12	
◆ 781-DG407DJ-E3	DG407DJ-E3	DIP-28	100	1	350	15	±15	625	-40 to +85	6.65	5.62	5.28	5.20	
16-Channel Wideband Video														
◆ 781-DG536DN-E3	DG536DN-E3	PLCC-44	90	10	300	-35	0 to +10	450	-40 to +85	10.93	10.69	10.19	9.94	

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)	Transition Time (Max)(ns)	Change Injection (Typ)(pC)	Analog Signal Range (V)	Package Power Dissipation (Max)(mW)	Temp. Range (°C)	Price Each				
										1	100	500	1000	
1-Channel SPST														
◆ 781-DG417BDY-E3	DG417BDY-E3	SOIC-8	25	0.25	89	4	44	400	-40 to +85	1.22	1.02	.834	.78	
◆ 781-DG418BDY-E3	DG418BDY-E3	SOIC-8	25	0.25	99	4	44	400	-40 to +85	1.30	1.22	1.17	1.04	
◆ 781-DG417DY-E3	DG417DY-E3	SOIC-8	35	0.25	175	60	44	400	-40 to +85	1.33	1.12	.97	.94	
◆ 781-DG418DY-E3	DG418DY-E3	SOIC-8	35	0.25	175	60	44	400	-40 to +85	1.29	1.10	1.03	1.00	
◆ 781-DG418DJ-E3	DG418DJ-E3	DIP-8	35	0.25	175	60	44	400	-40 to +85	1.74	1.41	1.32	1.26	
1-Channel SPST (Low Voltage)														
◆ 781-DG9421DV-E3	DG9421DV-T1-E3	TSOP-6	3.2@Dual 5V	1	63@Dual 5V	207@Dual 5V	5 or ±5	570	-40 to +85	1.75	1.22	.95	.80	
◆ 781-DG9422DV-E3	DG9422DV-T1-E3	TSOP-6	3.2@Dual 5V	1	63@Dual 5V	207@Dual 5V	5 or ±5	570	-40 to +85	1.75	1.22	.95	.80	
◆ 781-DG412LDY-T1-E3	DG412LDY-T1-E3	SOIC-16	30	1	50	5	12	650	-40 to +85	1.82	1.28	1.00	.77	
1-Channel SPST (Low Power/High Voltage)														
◆ 781-DG447DV-E3	DG447DV-T1-E3	TSOP-6	25	1	130	10	44	570	-40 to +85	1.44	1.02	.798	.627	
◆ 781-DG448DV-E3	DG448DV-T1-E3	TSOP-6	25	1	130	10	44	570	-40 to +85	1.44	1.02	.798	.627	
1-Channel SPDT														
◆ 781-DG419BDY-E3	DG419BDY-E3	SOIC-8	25	0.25	87	4	44	400	-40 to +85	1.20	1.02	.833	.81	
◆ 781-DG419DY-E3	DG419DY-E3	SOIC-8	35	0.25	175	60	44	400	-40 to +85	1.37	1.01	.76	.72	
◆ 781-DG642DJ-E3	DG642DJ-E3	DIP-8	8	10	100	-40	21	300	-40 to +85	2.73	2.51	2.45	2.18	
◆ 781-DG419DJ-E3	DG419DJ-E3	DIP-8	35	0.25	175	60	44	400	-40 to +85	2.00	1.04	.78	.74	
◆ 781-DG417DJ-E3	DG417DJ-E3	SOIC-8	35	0.25	175	60	44	400	-40 to +85	1.66	1.41	1.32	1.26	