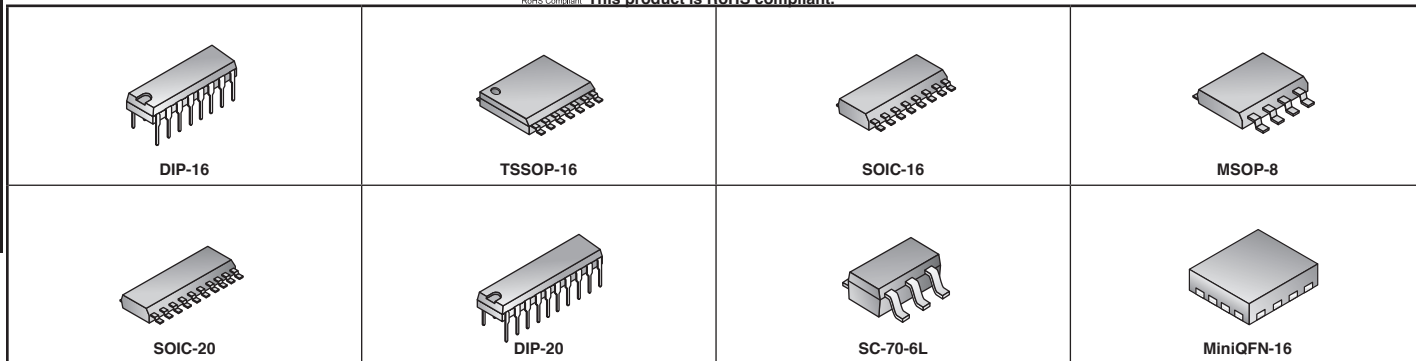


# SILICONIX Analog ICs

RoHS Compliant This product is RoHS compliant.

Analog ICs

Vishay Siliconix



## 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)	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>4-Channel SPST</b>														
◆ 781-DG201HSDQ-E3	DG201HSDQ-T1-E3	TSSOP-16	50	1	60	-5	44	600	-40 to +85	9.11	6.35	4.13	3.51	
◆ 781-DG201HSDY-E3	DG201HSDY-E3	SOIC-16	50	1	60	-5	44	600	-40 to +85	5.46	3.81	2.47	2.10	
◆ 781-DG201HSDY-T1-E3	DG201HSDY-T1-E3	SOIC-16	50	1	60	-5	44	600	-40 to +85	2.43	1.51	1.30	.938	
◆ 781-DG271BDY-E3	DG271BDY-E3	SOIC-16	50	1	65	9	44	600	-40 to +85	4.14	3.84	3.45	3.30	
◆ 781-DG213DQ-E3	DG213DQ-T1-E3	TSSOP-16	60	0.5	130	1	22	500	-40 to +85	2.58	1.80	1.39	1.17	
◆ 781-DG213DY-T1-E3	DG213DY-T1-E3	SOIC-16	60	0.5	130	1	22	640	-40 to +85	2.78	1.95	1.50	1.25	
◆ 781-DG541DY-E3	DG541DY-E3	SOIC-16	60	10	70	-25	21	640	-40 to +85	3.12	2.53	2.38	2.30	
◆ 781-DG441DY-E3	DG441DY-E3	SOIC-16	85	0.5	250	1	44	900	-40 to +85	1.62	1.06	.832	.751	
◆ 781-DG442DY-E3	DG442DY-E3	SOIC-16	85	0.5	250	1	44	900	-40 to +85	1.53	1.30	1.22	1.17	
◆ 781-DG444DY-E3	DG444DY-E3	SOIC-16	85	0.5	250	1	44	640	-40 to +85	1.31	1.12	1.05	1.02	
◆ 781-DG445DY-E3	DG445DY-E3	SOIC-16	85	0.5	250	1	44	640	-40 to +85	1.07	1.01	.815	.80	
◆ 781-DG201BDQ-E3	DG201BDQ-T1-E3	TSSOP-16	85	0.5	300	1	44	640	-40 to +85	2.78	1.94	1.50	1.26	
◆ 781-DG201BDY-E3	DG201BDY-E3	SOIC-16	85	0.5	300	1	44	640	-40 to +85	.99	.945	.796	.78	
◆ 781-DG201BDY-T1-E3	DG201BDY-T1-E3	SOIC-16	85	0.5	300	1	44	640	-40 to +85	2.58	1.78	1.39	1.17	
◆ 781-DG202BDQ-E3	DG202BDQ-T1-E3	TSSOP-16	85	0.5	300	1	44	640	-40 to +85	2.13	1.96	1.91	1.70	
◆ 781-DG202BDY-E3	DG202BDY-E3	SOIC-16	85	0.5	300	1	44	640	-40 to +85	1.72	1.41	1.27	1.16	
◆ 781-DG211BDQ-E3	DG211BDQ-T1-E3	TSSOP-16	85	0.5	300	1	44	640	-40 to +85	2.38	1.66	1.29	1.08	
◆ 781-DG211BDY-E3	DG211BDY-E3	SOIC-16	85	0.5	300	1	44	640	-40 to +85	1.63	1.31	1.24	1.22	
◆ 781-DG212BDQ-E3	DG212BDQ-T1-E3	TSSOP-16	85	0.5	300	1	44	640	-40 to +85	2.38	1.66	1.29	1.08	
◆ 781-DG212BDY-E3	DG212BDY-T1-E3	SOIC-16	85	0.5	300	1	44	640	-40 to +85	1.10	.93	.781	.75	
◆ 781-DG611AEQ-E3	DG611AEQ-T1-E3	TSSOP-16	115	0.1	55	1	14	450	-40 to +125	1.52	1.07	.839	.659	
◆ 781-DG612AEQ-E3	DG612AEQ-T1-E3	TSSOP-16	115	0.1	55	1	14	450	-40 to +125	1.52	1.08	.84	.66	
◆ 781-DG613AEQ-E3	DG613AEQ-T1-E3	TSSOP-16	115	0.1	55	1	14	450	-40 to +125	1.52	1.07	.839	.659	
◆ 781-DG613DJ-E3	DG613DJ-E3	DIP-16	45	0.25	35	7	21	470	-40 to +85	3.36	2.46	1.99	1.68	
◆ 781-DG271BCJ-E3	DG271BCJ-E3	DIP-16	50	1	65	9	44	470	-40 to +85	4.46	3.92	3.51	3.40	
◆ 781-DG441DJ-E3	DG441DJ-E3	DIP-16	85	0.5	250	1	44	470	-40 to +85	1.72	1.46	1.38	1.31	
◆ 781-DG442DJ-E3	DG442DJ-E3	DIP-16	85	0.5	250	1	44	470	-40 to +85	2.38	2.19	2.14	1.90	
◆ 781-DG444DJ-E3	DG444DJ-E3	DIP-16	85	0.5	250	1	44	470	-40 to +85	1.69	1.44	1.36	1.30	
◆ 781-DG445DJ-E3	DG445DJ-E3	DIP-16	85	0.5	250	1	44	470	-40 to +85	1.50	1.26	1.14	1.10	
◆ 781-DG201BDJ-E3	DG201BDJ-E3	DIP-16	85	0.5	300	1	44	470	-40 to +85	1.19	1.03	.906	.866	
◆ 781-DG202BDJ-E3	DG202BDJ-E3	DIP-16	85	0.5	300	1	44	470	-40 to +85	1.70	1.43	1.10	1.06	
◆ 781-DG211BDJ-E3	DG211BDJ-E3	DIP-16	85	0.5	300	1	44	470	-40 to +85	1.51	.867	.764	.74	
◆ 781-DG212BDJ-E3	DG212BDJ-E3	DIP-16	85	0.5	300	1	44	470	-40 to +85	1.42	1.01	.751	.711	
◆ 781-DG308ACJ-E3	DG308ACJ-E3	DIP-16	100	5	200	-10	44	470	0 to 70	1.85	1.52	1.25	1.20	
<b>4-Channel SPST (High Voltage/Low Power)</b>														
◆ 781-DG452EQ-E3	DG452EQ-T1-E3	TSSOP-16	5.3	0.5	118	22	44	178	-40 to +125	4.22	3.09	2.45	2.10	
<b>4-Channel Precision Monolithic SPST</b>														
◆ 781-DG412HSDY-E3	DG412HSDY-E3	SOIC-16	35	0.25	105	22	44	600	-40 to +85	3.78	2.76	2.24	1.89	
◆ 781-DG413HSDY-E3	DG413HSDY-E3	SOIC-16	35	0.25	105	22	44	600	-40 to +85	3.78	2.76	2.24	1.89	
<b>4-Channel Precision Monolithic SPST (Low Voltage)</b>														
◆ 781-DG9424DQ-E3	DG9424DQ-T1-E3	TSSOP-16	3.3@Dual 5V	1	74@Dual 5V	112@Dual 5V	13	450	-40 to +85	3.33	2.32	1.80	1.52	
◆ 781-DG419LDQ-E3	DG419LDQ-T1-E3	MSOP-8	20	1	46	1	12	400	-40 to +85	1.00	.946	.92	.90	
◆ 781-DG419BDQ-T1-E3	DG419BDQ-T1-E3	MSOP-8	29	0.25	99	38	12	400	-40 to +85	2.00	1.80	1.70	1.60	
◆ 781-DG411LDY-E3	DG411LDY-E3	SOIC-16	30	1	50	5	12	650	-40 to +85	1.45	1.05	.81	.67	
◆ 781-DG412LDQ-T1-E3	DG412LDQ-T1-E3	TSSOP-16	30	1	50	5	12	450	-40 to +85	2.00	1.39	1.08	.912	
◆ 781-DG412LDY-E3	DG412LDY-E3	SOIC-16	30	1	50	5	12	650	-40 to +85	1.68	1.17	.912	.72	
◆ 781-DG413LDQ-E3	DG413LDQ-T1-E3	TSSOP-16	30	1	50	5	12	450	-40 to +85	2.00	1.39	1.08	.912	
◆ 781-DG413LDY-E3	DG413LDY-E3	SOIC-16	30	1	50	5	12	650	-40 to +85	1.43	.99	.77	.612	
◆ 781-DG441LDY-E3	DG441LDY-E3	SOIC-16	40	1	70	5	12	650	-40 to +85	.95	.893	.86	.76	
<b>4-Channel SPDT</b>														
◆ 781-DG333ADW-E3	DG333ADW-E3	SOIC-20	45	0.25	175	10	44	800	-40 to +85	3.93	2.91	2.62	2.46	
◆ 781-DG333ALDW-E3	DG333ALDW-E3	SOIC-20	45	0.25	175	10	44	800	-40 to +85	3.17	2.81	2.53	2.40	
◆ 781-DG333ADJ-E3	DG333ADJ-E3	DIP-20	45	0.25	175	10	44	890	-40 to +85	4.50	3.72	3.57	3.10	
<b>4-Channel SPDT</b>														
◆ 781-DG4157DL-E3	DG4157DL-T1-E3	SC-70-6L	2.5	2	55	50	5.5	250	-40 to +85	.66	.45	.33	.262	
<b>4-Channel SPDT (High-Speed/Low Voltage)</b>														
◆ 781-DG2706DN-E4	DG2706DN-T1-E4	MiniQFN-16	5.5	5	45	3	4.3	525	-40 to +85	1.33	.945	.735	.577	