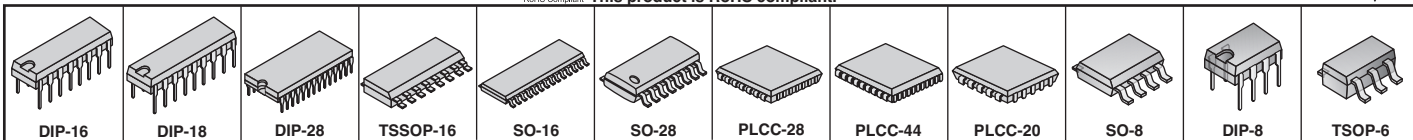


# SILICONIX Analog ICs

This product is RoHS compliant.

VISHAY

Analog ICs  
Vishay Siliconix



## ANALOG MULTIPLEXERS

### Triple 2-Channel (Low Voltage)

RoHS Compliant  
For quantities of 2000 and up, 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)	Temperature Range (°C)	Price Each				
										1	100	500	1000	
Surface Mount														
781-DG4053AEQ-E3	DG4053AEQ-T1-E3	TSSOP-16	100	1	110	0.25	±5	450	-40 to +125	.84	.68	.64	.58	

NEW FROM SUPPLIER

### 4-Channel

For quantities of 2000 and up, call for quote.

Surface Mount														
781-DG409DQ-E3	DG409DQ-T1-E3	TSSOP-16	100	1	250	20	±15	600	-40 to +85	2.56	2.07	1.95	1.77	
781-DG409DY-E3	DG409DY-E3	SOIC-16	100	1	250	20	±15	600	-40 to +85	2.56	2.07	1.95	1.77	
781-DG604EQ-E3	DG604EQ-T1-E3	TSSOP-14	115	0.1	70	0.7	5	178	-40 to +125	.84	.68	.64	.58	
781-DG509BEQ-E3	DG509BEQ-T1-E3	TSSOP-16	480	1	300	2	±15	450	-40 to +125	2.00	1.62	1.52	1.38	

NEW FROM SUPPLIER

### Thru-Hole

781-DG409DJ-E3	DG409-DJ-E3	DIP-16	100	1	250	20	±15	450	-40 to +85	2.79	2.26	2.13	1.93
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### 4-Channel (Low Voltage)

For quantities of 2000 and up, call for quote.

Surface Mount														
781-DG409LDY-E3	DG409LDY-E3	SOIC-16	29	1	60	5	12	600	-40 to +85	1.13	.92	.86	.78	

NEW FROM SUPPLIER

### Dual 4-Channel (Low Voltage)

For quantities of 2000 and up, call for quote.

Surface Mount														
781-DG4052AEQ-E3	DG4052AEQ-T1-E3	TSSOP-16	100	1	110	0.25	±5	450	-40 to +125	.84	.68	.64	.58	

NEW FROM SUPPLIER

### 8-Channel

For quantities of 2000 and up, call for quote.

Surface Mount														
781-DG407DN-E3	DG407DN-E3	PLCC-28	100	1	350	15	±15	450	-40 to +85	6.38	5.17	4.86	4.41	
781-DG407DW-E3	DG407DW-E3	SOIC-28	100	1	350	15	±15	450	-40 to +85	6.99	5.66	5.33	4.83	
781-DG408DQ-E3	DG408DQ-T1-E3	TSSOP-16	100	1	250	20	±15	600	-40 to +85	2.56	2.07	1.95	1.77	
781-DG408DY-E3	DG408DY-E3	SOIC-16	100	1	250	20	±15	600	-40 to +85	2.37	1.92	1.81	1.64	
781-DG428DN-E3	DG428DN-E3	PLCC-20	100	1	250	1	±15	800	-40 to +85	5.25	4.25	4.00	3.63	
781-DG508BEQ-E3	DG508BEQ-T1-E3	TSSOP-16	380	1	300	2	±15	450	-40 to +125	2.00	1.62	1.52	1.38	

NEW FROM SUPPLIER

### Thru-Hole

781-DG407DJ-E3	DG407DJ-E3	DIP-28	100	1	350	15	±15	625	-40 to +85	6.03	4.88	4.59	4.16
781-DG408DJ-E3	DG408DJ-E3	DIP-16	100	1	250	20	±15	450	-40 to +85	2.79	2.26	2.13	1.93
781-DG428DJ-E3	DG428DJ-E3	DIP-18	100	1	250	1	±15	470	-40 to +85	4.94	4.00	3.76	3.41

### 8-Channel (Low Voltage)

For quantities of 2000 and up, call for quote.

Surface Mount														
781-DG408LDY-E3	DG408LDY-E3	SOIC-16	30	0.3	60	5	-6 to +12	600	-40 to +85	1.13	.92	.86	.78	
781-DG4051AEQ-E3	DG4051AEQ-T1-E3	TSSOP-16	100	1	110	0.25	±5	450	-40 to +125	.84	.68	.64	.58	

NEW FROM SUPPLIER

### 16-Channel

For quantities of 2000 and up, call for quote.

Surface Mount														
781-DG407DN-E3	DG407DN-E3	PLCC-28	100	1	350	15	±15	450	-40 to +85	6.38	5.17	4.86	4.41	
781-DG407DW-E3	DG407DW-E3	SO-28	100	1	350	15	±15	450	-40 to +85	6.99	4.96	4.34	4.12	

### Thru-Hole

781-DG407DJ-E3	DG407DJ-E3	DIP-28	100	1	350	15	±15	625	-40 to +85	6.03	4.88	4.59	4.16
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### 16-Channel Wideband Video

For quantities of 2000 and up, call for quote.

Surface Mount														
781-DG536DN-E3	DG536DN-E3	PLCC-44	90	10	300	-35	0 to +10	450	-40 to +85	9.39	7.60	7.15	6.48	

## ANALOG SWITCHES



RoHS Compliant  
For quantities of 2000 and up, call for quote.

### 1-Channel SPST

MOUSER STOCK NO.	Siliconix Part No.	Package	Switch On-Resistance (Max)(Ω)	Switch off Leakage Current (Max)(nA)	Prop Delay Time (Typ)(nS)	Charge Injection (Typ)(pC)	Supply Voltage (Max)(V)	Package Power Dissipation (Max)(mW)	Temperature Range (°C)	Price Each				
										1	100	500	1000	
Surface Mount														
781-DG417BDY-E3	DG417BDY-E3	SOIC-8	25	0.25	89	4	44	400	-40 to +85	1.81	1.46	1.38	1.25	
781-DG418BDY-E3	DG418BDY-E3	SOIC-8	25	0.25	99	4	44	400	-40 to +85	1.81	1.46	1.38	1.25	
781-DG417DY-E3	DG417DY-E3	SOIC-8	35	0.25	175	60	44	400	-40 to +85	1.28	1.04	.98	.88	
781-DG418DY-E3	DG418DY-E3	SOIC-8	35	0.25	175	60	44	400	-40 to +85	1.28	1.04	.98	.88	
Thru-Hole														
781-DG418DJ-E3	DG418DJ-E3	DIP-8	35	0.25	175	60	44	400	-40 to +85	1.58	1.28	1.20	1.09	

NEW FROM SUPPLIER

### 1-Channel SPST (Low Voltage)

For quantities of 2000 and up, call for quote.

Surface Mount														
781-DG9421DV-E3	DG9421DV-T1-E3	TSOP-6	3.2 @ Dual 5V	1	63 @ Dual 5V 207 @ Dual 5V	5 or ±5	570	400	-40 to +85	.90	.76	.72	.65	
781-DG9422DV-E3	DG9422DV-T1-E3	TSOP-6	3.2 @ Dual 5V	1	63 @ Dual 5V 207 @ Dual 5V	5 or ±5	570	400	-40 to +85	.90	.76	.72	.65	
781-DG412LDQ-T1-E3	DG412LDQ-T1-E3	TSSOP-16	30	1	50	5	12	450	-40 to +85	1.07	.87	.82	.74	
781-DG412LDY-T1-E3	DG412LDY-T1-E3	SOIC-16	30	1	50	5	12	650	-40 to +85	.90	.73	.69	.62	

NEW FROM SUPPLIER

### 1-Channel SPST (Low Power/High Voltage)

For quantities of 2000 and up, call for quote.

Surface Mount														
781-DG447DV-E3	DG447DV-T1-E3	TSOP-6	25	1	130	10	44	570	-40 to +85	.80	.65	.61	.53	
781-DG448DV-E3	DG448DV-T1-E3	TSOP-6	25	1	130	10	44	570	-40 to +85	.80	.65	.61	.53	

### 1-Channel SPDT

Surface Mount														
781-DG419BDY-E3	DG419BDY-E3	SOIC-8	25	0.25	87	4	44	400	-40 to +85	1.81	1.46	1.38	1.25	
781-DG419DY-E3	DG419DY-E3	SOIC-8	35	0.25	175	60	44	400	-40 to +85	1.28	1.04	.98	.88	
Thru-Hole														
781-DG642DJ-E3	DG642DJ-E3	DIP-8	8	10	100	-40	21	300	-40 to +85	2.06	1.67	1.57	1.42	
781-DG419DJ-E3	DG419DJ-E3	DIP-8	35	0.25	175	60	44	400	-40 to +85	1.97	1.60	1.50	1.36	