

Image may be representation.  
See specifications for product details.



## DG408DJ-E3

Manufacturer Part Number	<b>DG408DJ-E3</b>
Manufacturer	<b>Vishay / Siliconix</b>
Allelco Part Number	32D-DG408DJ-E3
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MUX 8:1 100OHM 16DIP
Package	16-DIP (0.300", 7.62mm)
Data sheet	<b>DG408, DG409.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

DG408DJ-E3 - Vishay Siliconix. New Original in Stock. Download Linear Technology DG408DJ-E3 datasheet/specifications on AllelcoElec.com.  
Request a quote for DG408DJ-E3, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

DG408DJ-E3 Tech Specifications

DG408DJ-E3 - Vishay Siliconix technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay / Siliconix	Number of Circuits	1
Voltage - Supply, Single (V+)	5V ~ 36V	Multiplexer/Demultiplexer Circuit	8:1
Voltage - Supply, Dual (V±)	±5V ~ 20V	Mounting Type	Through Hole
Switch Time (Ton, Toff) (Max)	150ns, 150ns	Current - Leakage (IS(off)) (Max)	500pA
Switch Circuit	-	Crosstalk	-
Supplier Device Package	16-PDIP	Charge Injection	20pC
Series	-	Channel-to-Channel Matching (ΔRon)	150ohm (Max)
Package / Case	16-DIP (0.300", 7.62mm)	Channel Capacitance (CS(off), CD(off))	3pF, 26pF
Package	Tube	Base Product Number	DG408
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	1000hm		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix DG408DJ-E3

Product Attribute				
Part Number	DG408DJ-E3	DG408CY+	DG408CY	DG408DY
Manufacturer	Vishay Siliconix	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Switch Time (Ton, Toff) (Max)	150ns, 150ns	150ns, 150ns	150ns, 150ns	150ns, 150ns
Channel-to-Channel Matching (ΔRon)	150hm (Max)	1.50hm	1.50hm	1.50hm
Current - Leakage (IS(off)) (Max)	500pA	500pA	500pA	500pA
Voltage - Supply, Dual (V±)	±5V ~ 20V	±5V ~ 20V	±5V ~ 20V	±5V ~ 20V
Series	-	-	-	-
Channel Capacitance (CS(off), CD(off))	3pF, 26pF	3pF, 26pF	3pF, 26pF	3pF, 26pF
Supplier Device Package	16-PDIP	16-SOIC	16-SOIC	16-SOIC
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Package	Tube	Tube	Tube	Tube
Switch Circuit	-	-	-	-
Number of Circuits	1	1	1	1
-3db Bandwidth	-	-	-	-
Crosstalk	-	-92dB @ 100kHz	-92dB @ 100kHz	-92dB @ 100kHz
Base Product Number	DG408	DG408	DG408	DG408
Multiplexer/Demultiplexer Circuit	8:1	8:1	8:1	8:1
Charge Injection	20pC	2pC	2pC	2pC
On-State Resistance (Max)	1000hm	1000hm	1000hm	1000hm
Voltage - Supply, Single (V+)	5V ~ 36V	5V ~ 30V	5V ~ 30V	5V ~ 30V
Package / Case	16-DIP (0.300", 7.62mm)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)

## DG408DJ-E3 Datasheet PDF

Download DG408DJ-E3 pdf datasheets and Vishay Siliconix documentation for DG408DJ-E3 - Vishay Siliconix.

### Datasheets



















DG408, DG409.pdf

### PCN Assembly/Origin

Mult Dev 25/Jan/2023.pdf

## Customers Also Interested in

### Recommended Products

					
<b>DG408CY+</b> Analog Devices Inc./Maxim Integrated IC MUX 8:1 100OHM 16SOIC	<b>DG408CY</b> Analog Devices Inc./Maxim Integrated IC MUX 8:1 100OHM 16SOIC	<b>DG408DQ-T1</b> Electro-Films (EFI) / Vishay	<b>DG408DY</b> Analog Devices Inc./Maxim Integrated IC MUX 8:1 100OHM 16SOIC	<b>DG408DJ</b> Renesas Electronics America Inc IC MUX 8:1 100OHM 16DIP	<b>DG408DJ</b> Harris Corporation IC MUX 8:1 100OHM 16DIP
					
<b>DG408DJ</b> Vishay Siliconix IC MUX 8:1 100OHM 16DIP	<b>DG408DVZ</b> Renesas Electronics America Inc IC MUX 8:1 100OHM 16TSSOP	<b>DG408DQ</b> Electro-Films (EFI) / Vishay	<b>DG408DY</b> Vishay Siliconix IC MUX 8:1 100OHM 16SOIC	<b>DG408DJZ</b> Renesas Electronics America Inc IC MUX 8:1 100OHM 16DIP	<b>DG408DK</b> Analog Devices / Maxim Integrated
					
<b>DG408DY</b> Intersil IC MUX 8:1 100OHM 16SOIC	<b>DG408CUE+T</b> Analog Devices Inc./Maxim Integrated IC MUX 8:1 100OHM 16TSSOP	<b>DG408DJ</b> Analog Devices Inc./Maxim Integrated IC MUX 8:1 100OHM 16DIP	<b>DG408DQ-T1-E3</b> Vishay Siliconix IC MUX 8:1 100OHM 16TSSOP	<b>DG408DVZ-T</b> Renesas Electronics America Inc IC MUX 8:1 100OHM 16TSSOP	<b>DG408CY+T</b> Analog Devices Inc./Maxim Integrated IC MUX 8:1 100OHM 16SOIC

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

- > Use your express account for shipment if you have one.
  - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

### Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

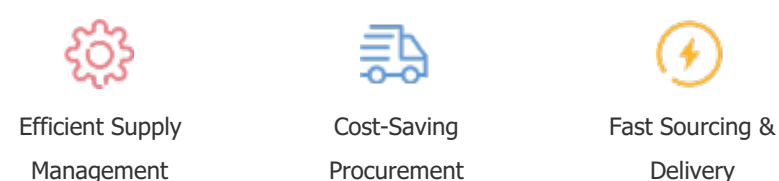
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

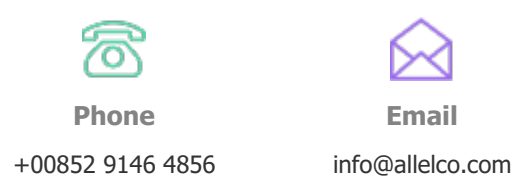
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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