

Image may be representation.
See specifications for product details.



DG408DY-T1-E3

Manufacturer Part Number	DG408DY-T1-E3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-DG408DY-T1-E3
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MUX 8:1 100OHM 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	DG408, DG409.pdf
RoHs Status	ROHS3 Compliant

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DG408DY-T1-E3 - Vishay Siliconix. New Original in Stock. Download Linear Technology DG408DY-T1-E3 datasheet/specifications on AllelcoElec.com.
Request a quote for DG408DY-T1-E3, please send us email: info@allelco.com

Specifications

DG408DY-T1-E3 Tech Specifications

DG408DY-T1-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	Surface Mount
Switch Time (Ton, Toff) (Max)	150ns, 150ns	Current - Leakage (IS(off)) (Max)	500pA
Switch Circuit	-	Crosstalk	-
Supplier Device Package	16-SOIC	Charge Injection	20pC
Series	-	Channel-to-Channel Matching (ΔRon)	150hm (Max)
Package / Case	16-SOIC (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	3pF, 26pF
Package	Tape & Reel (TR)	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 DG408DY-T1-E3

Product Attribute				
Part Number	DG408DY-T1-E3	DG408LDY	DG408DYZ-T	DG408DYZ
Manufacturer	Vishay Siliconix	Vishay Siliconix	Renesas Electronics America Inc	Renesas Electronics America Inc
On-State Resistance (Max)	1000hm	290hm	1000hm	1000hm
Channel-to-Channel Matching (ΔRon)	150hm (Max)	10hm	150hm (Max)	150hm (Max)
Base Product Number	DG408	DG408	DG408	DG408
Charge Injection	20pC	1pC	20pC	20pC
Number of Circuits	1	1	1	1
Crosstalk	-	-82dB @ 100kHz	-	-
Voltage - Supply, Single (V+)	5V ~ 36V	2.7V ~ 12V	5V ~ 34V	5V ~ 34V
Channel Capacitance (CS(off), CD(off))	3pF, 26pF	7pF, 20pF	3pF, 26pF	3pF, 26pF
Switch Time (Ton, Toff) (Max)	150ns, 150ns	55ns, 25ns	150ns, 150ns	150ns, 150ns
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)
Current - Leakage (IS(off)) (Max)	500pA	1nA	500pA	500pA
Series	-	-	-	-
Voltage - Supply, Dual (V±)	±5V ~ 20V	±3V ~ 6V	±5V ~ 20V	±5V ~ 20V
Multiplexer/Demultiplexer Circuit	8:1	8:1	8:1	8:1
-3db Bandwidth	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-SOIC
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Switch Circuit	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)

DG408DY-T1-E3 Datasheet PDF

Download DG408DY-T1-E3 pdf datasheets and Vishay Siliconix documentation for DG408DY-T1-E3 - Vishay Siliconix.

Datasheets

[DG408, DG409.pdf](#)



















PCN Assembly/Origin

[Mult Dev 25/Jan/2023.pdf](#)

 Multi Devices 17/May/2017.pdf

Customers Also Interested in

Recommended Products

					
DG408DY-T2 Intersil (Renesas Electronics Corporation)	DG408DY-TE2 Electro-Films (EFI) / Vishay	DG408LDY Vishay Siliconix IC MUX 8:1 290HM 16SOIC	DG408DYZ-T Renesas Electronics America Inc IC MUX 8:1 100OHM 16SOIC	DG408DYZ Renesas Electronics America Inc IC MUX 8:1 100OHM 16SOIC	DG408DY+ Analog Devices Inc./Maxim Integrated IC MUX 8:1 100OHM 16SOIC
					
DG408DY Intersil IC MUX 8:1 100OHM 16SOIC	DG408DY+T Analog Devices Inc./Maxim Integrated IC MUX 8:1 100OHM 16SOIC	DG408DY Renesas Electronics America Inc IC MUX 8:1 100OHM 16SOIC	DG408LDQ Electro-Films (EFI) / Vishay	DG408EUE Analog Devices Inc./Maxim Integrated IC MUX 8:1 100OHM 16TSSOP	DG408LEDQ-T1-GE3 Vishay Siliconix IC MUX 8:1 230HM 16TSSOP
					
DG408DVZ Renesas Electronics America Inc IC MUX 8:1 100OHM 16TSSOP	DG408DY Vishay Siliconix IC MUX 8:1 100OHM 16SOIC	DG408DQ-T1-E3 Vishay Siliconix IC MUX 8:1 100OHM 16TSSOP	DG408DVZ-T Renesas Electronics America Inc IC MUX 8:1 100OHM 16TSSOP	DG408DY-E3 Vishay Siliconix IC MUX 8:1 100OHM 16SOIC	DG408DY 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

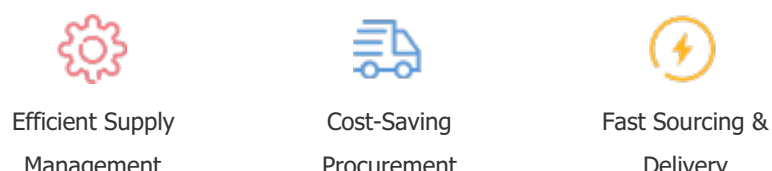
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

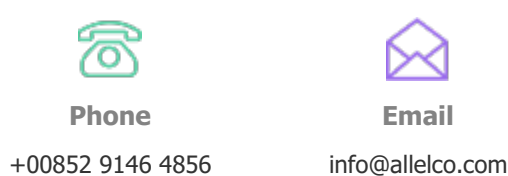
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com