



Image may be representation.
See specifications for product details.



DG407EWI+

Manufacturer Part Number	DG407EWI+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-DG407EWI+
ECAD Model	Request Free CAD Models
Parts Description	IC MUX DUAL 8:1 100OHM 28SOIC
Package	28-SOIC (0.295", 7.50mm Width)
Data sheet	DG406-07.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

DG407EWI+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology DG407EWI+ datasheet/specifications on AllelcoElec.com. Request a quote for DG407EWI+, please send us email: info@allelco.com

Specifications

DG407EWI+ Tech Specifications

DG407EWI+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Circuits	2
Voltage - Supply, Single (V+)	5V ~ 30V	Multiplexer/Demultiplexer Circuit	8:1
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	200ns, 150ns	Current - Leakage (IS(off)) (Max)	500pA
Switch Circuit	-	Crosstalk	-92dB @ 100kHz
Supplier Device Package	28-SOIC	Charge Injection	2pC
Series	-	Channel-to-Channel Matching (ΔRon)	1.50hm
Package / Case	28-SOIC (0.295", 7.50mm Width)	Channel Capacitance (CS(off), CD(off))	8pF, 65pF
Package	Tube	Base Product Number	DG407
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 Analog Devices Inc./Maxim Integrated DG407EWI+

Product Attribute				
Part Number	DG407EWI+	DG407DN-T1-E3	DG407DN+T	DG407EWI+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Vishay Siliconix	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Voltage - Supply, Single (V+)	5V ~ 30V	7.5V ~ 44V	5V ~ 30V	5V ~ 30V
Base Product Number	DG407	DG407	DG407	DG407
Package / Case	28-SOIC (0.295", 7.50mm Width)	28-LCC (J-Lead)	28-LCC (J-Lead)	28-SOIC (0.295", 7.50mm Width)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Channel-to-Channel Matching (ΔRon)	1.50hm	50hm	1.50hm	1.50hm
Number of Circuits	2	2	2	2
Crosstalk	-92dB @ 100kHz	-	-92dB @ 100kHz	-92dB @ 100kHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
-3db Bandwidth	-	-	-	-
Multiplexer/Demultiplexer Circuit	8:1	8:1	8:1	8:1
Channel Capacitance (CS(off), CD(off))	8pF, 65pF	8pF, 65pF	8pF, 65pF	8pF, 65pF
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	±5V ~ 20V	±4.5V ~ 20V	±4.5V ~ 20V
Current - Leakage (IS(off)) (Max)	500pA	500pA	500pA	500pA
Switch Time (Ton, Toff) (Max)	200ns, 150ns	200ns, 150ns	200ns, 150ns	200ns, 150ns
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
On-State Resistance (Max)	1000hm	1000hm	1000hm	1000hm
Switch Circuit	-	-	-	-
Charge Injection	2pC	15pC	2pC	2pC
Series	-	-	-	-
Supplier Device Package	28-SOIC	28-PLCC (11.51x11.51)	28-PLCC (11.51x11.51)	28-SOIC

DG407EWI+ Datasheet PDF

Download DG407EWI+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DG407EWI+ - Analog Devices Inc./Maxim Integrated.

Datasheets

DG406-07.pdf



















Environmental Information

Maxim Integrated RoHS Cert.pdf

Material Declaration DG407EWI+.pdf

Customers Also Interested in

Recommended Products

					
DG407DN-T1-E3 Vishay Siliconix IC MUX DUAL 8:1 100OHM 28PLCC	DG407DN+T Analog Devices Inc./Maxim Integrated IC MUX DUAL 8:1 100OHM 28PLCC	DG407EWI+T Analog Devices Inc./Maxim Integrated IC MUX DUAL 8:1 100OHM 28SOIC	DG407DN Analog Devices Inc./Maxim Integrated IC MUX DUAL 8:1 100OHM 28PLCC	DG408AK/883B Analog Devices Inc./Maxim Integrated IC MUX 8:1 100OHM 16CERDIP	DG407EWI Analog Devices Inc./Maxim Integrated IC MUX DUAL 8:1 100OHM 28SOIC
					
DG408AK Analog Devices Inc./Maxim Integrated IC MUX 8:1 100OHM 16CERDIP	DG407DYZ Renesas Electronics America Inc IC MUX DUAL 8:1 100OHM 28SOIC	DG407DN Vishay Siliconix IC MUX DUAL 8:1 100OHM 28PLCC	DG407DY Renesas Electronics America Inc IC MUX DUAL 8:1 100OHM 28SOIC	DG4080DY-E3 Texas Instruments	DG408AK Vishay Siliconix IC MUX 8:1 100OHM 16DIP
					
DG408ACJ DG	DG407DW Vishay Siliconix IC MUX DUAL 8:1 100OHM 28SOIC	DG408AK/883 Intersil (Renesas Electronics Corporation)	DG408CJ Analog Devices Inc./Maxim Integrated IC SWITCH SP8TX1 100OHM 16DIP	DG407DY Intersil IC MUX DUAL 8:1 100OHM 28SOIC	DG407DN-E3 Vishay Siliconix IC MUX DUAL 8:1 100OHM 28PLCC

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

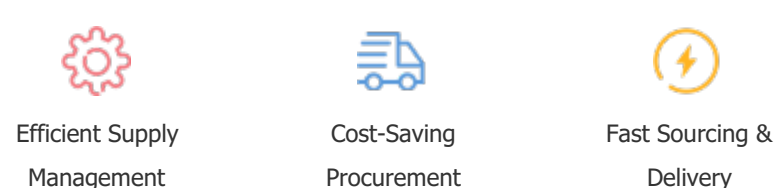
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

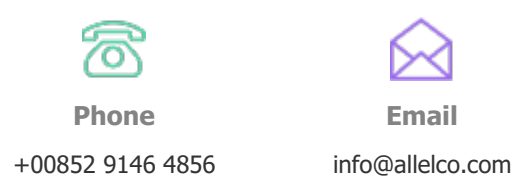
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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