



Image may be representation.
See specifications for product details.



DG406CWI+T

Manufacturer Part Number	DG406CWI+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-DG406CWI+T
ECAD Model	Request Free CAD Models
Parts Description	IC MUX 16:1 100OHM 28SOIC
Package	28-SOIC (0.295", 7.50mm Width)
Data sheet	DG406-07.pdf
RoHs Status	ROHS3 Compliant

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DG406CWI+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology DG406CWI+T datasheet/specifications on AllelcoElec.com. Request a quote for DG406CWI+T, please send us email: info@allelco.com

Specifications

DG406CWI+T Tech Specifications

DG406CWI+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Circuits	1
Voltage - Supply, Single (V+)	5V ~ 30V	Multiplexer/Demultiplexer Circuit	16:1
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, 130pF
Package	Tape & Reel (TR)	Base Product Number	DG406
Operating Temperature	0°C ~ 70°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 DG406CWI+T

Product Attribute				
Part Number	DG406CWI+T	DG406DJ-E3	DG406DJZ	DG406CWI
Manufacturer	Analog Devices Inc./Maxim Integrated	Vishay Siliconix	Renesas Electronics America Inc	Analog Devices Inc./Maxim Integrated
Channel-to-Channel Matching (ΔRon)	1.50hm	50hm	50hm	1.50hm
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Current - Leakage (IS(off)) (Max)	500pA	500pA	500pA	500pA
-3db Bandwidth	-	-	-	-
Switch Time (Ton, Toff) (Max)	200ns, 150ns	200ns, 150ns	200ns, 150ns	200ns, 150ns
Switch Circuit	-	-	-	-
Channel Capacitance (CS(off), CD(off))	8pF, 130pF	8pF, 130pF	8pF, 160pF	8pF, 130pF
On-State Resistance (Max)	1000hm	1000hm	1000hm	1000hm
Base Product Number	DG406	DG406	DG406	DG406
Package / Case	28-SOIC (0.295", 7.50mm Width)	28-DIP (0.600", 15.24mm)	28-DIP (0.600", 15.24mm)	28-SOIC (0.295", 7.50mm Width)
Package	Tape & Reel (TR)	Tube	Tube	Bulk
Supplier Device Package	28-SOIC	28-PDIP	28-PDIP	28-SOIC
Crosstalk	-92dB @ 100kHz	-	-	-92dB @ 100kHz
Number of Circuits	1	1	1	1
Charge Injection	2pC	15pC	40pC	2pC
Voltage - Supply, Single (V+)	5V ~ 30V	7.5V ~ 44V	5V ~ 34V	5V ~ 30V
Series	-	-	-	-
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	±5V ~ 20V	±5V ~ 20V	±4.5V ~ 20V
Multiplexer/Demultiplexer Circuit	16:1	16:1	16:1	16:1
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount

DG406CWI+T Datasheet PDF

Download DG406CWI+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DG406CWI+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[DG406-07.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)



Material Declaration DG406CWI+T.pdf

Customers Also Interested in

Recommended Products



DG406DJ-E3

Vishay Siliconix
IC MUX 16:1 100OHM 28DIP



DG406DJZ

Renesas Electronics America Inc
IC MUX 16:1 100OHM 28DIP



DG406AZ/883B

Analog Devices / Maxim
Integrated



NO PICTURE

DG406AZ/883

MAX USA CORP.



DG406CWI

Analog Devices Inc./Maxim
Integrated
IC MUX 16:1 100OHM 28SOIC



DG406DJ

Analog Devices Inc./Maxim
Integrated
IC MUX 16:1 100OHM 28DIP



DG406CJ

Analog Devices Inc./Maxim
Integrated
IC MUX 16:1 100OHM 28DIP



NO PICTURE

DG4066BE

N/A



DG406AK/883

Harris Corporation
IC MUX 16:1 90OHM 28CERDIP



DG406DJ

Intersil
IC MUX 16:1 100OHM 28DIP



DG406DJ+

Analog Devices Inc./Maxim
Integrated
IC MUX 16:1 100OHM 28DIP



DG406DJ

Vishay Siliconix
IC MUX 16:1 100OHM 28DIP



DG406DN

Analog Devices Inc./Maxim
Integrated
IC MUX 16:1 100OHM 28PLCC



DG405DY+

Analog Devices Inc./Maxim
Integrated
IC SWITCH DPST-NOX2 45OHM
16SOIC



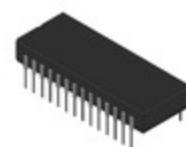
DG406CWI+

Analog Devices Inc./Maxim
Integrated
IC MUX 16:1 100OHM 28SOIC



DG406DJZ

Intersil
IC MUX 16:1 100OHM 28DIP



DG406AK

Analog Devices Inc./Maxim
Integrated
IC MUX 16:1 100OHM 28CERDIP



DG406DJ

Renesas Electronics America Inc
IC MUX 16:1 100OHM 28DIP

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 -



Efficient Supply
Management



Cost-Saving
Procurement



Fast Sourcing &
Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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