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See specifications for product details.



DG212CSE+

Manufacturer Part Number	DG212CSE+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-DG212CSE+
ECAD Model	Request Free CAD Models
Parts Description	IC SW SPST-NOX4 175OHM 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	DG202,212.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

DG212CSE+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology DG212CSE+ datasheet/specifications on AllelcoElec.com. Request a quote for DG212CSE+, please send us email: info@allelco.com

Specifications

DG212CSE+ Tech Specifications
DG212CSE+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Circuits	4
Voltage - Supply, Single (V+)	-	Multiplexer/Demultiplexer Circuit	1:1
Voltage - Supply, Dual (V±)	±4.5V ~ 18V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	1µs, 500ns	Current - Leakage (IS(off)) (Max)	5nA
Switch Circuit	SPST - NO	Crosstalk	-90dB @ 100kHz
Supplier Device Package	16-SOIC	Charge Injection	-
Series	-	Channel-to-Channel Matching (ΔRon)	-
Package / Case	16-SOIC (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	5pF, 5pF
Package	Tube	Base Product Number	DG212
Operating Temperature	0°C ~ 70°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	1750hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DG212CSE+

Product Attribute				
Part Number	DG212CSE+	DG212CJ	DG212BDJ-E3	DG212ETE+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Harris Corporation	Vishay Siliconix	Analog Devices Inc./Maxim Integrated
-3db Bandwidth	-	-	-	-
Multiplexer/Demultiplexer Circuit	1:1	1:1	1:1	1:1
Channel-to-Channel Matching (ΔRon)	-	-	20hm	-
Voltage - Supply, Single (V+)	-	-	4.5V ~ 25V	-
On-State Resistance (Max)	1750hm	1750hm	850hm	1750hm
Number of Circuits	4	4	4	4
Switch Time (Ton, Toff) (Max)	1µs, 500ns	1µs, 500ns	300ns, 200ns	1µs, 500ns
Switch Circuit	SPST - NO	SPST - NO	SPST - NO	SPST - NO
Supplier Device Package	16-SOIC	16-PDIP	16-PDIP	16-TQFN (5x5)
Package	Tube	Bulk	Tube	Tape & Reel (TR)
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Base Product Number	DG212	DG212	DG212	DG212
Channel Capacitance (CS(off), CD(off))	5pF, 5pF	5pF, 5pF	5pF, 5pF	5pF, 5pF
Series	-	-	-	-
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount
Charge Injection	-	-	1pC	-
Voltage - Supply, Dual (V±)	±4.5V ~ 18V	±4.5V ~ 18V	±4.5V ~ 22V	±4.5V ~ 18V
Crosstalk	-90dB @ 100kHz	-90dB @ 100kHz	-95dB @ 100kHz	-90dB @ 100kHz
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-DIP (0.300", 7.62mm)	16-DIP (0.300", 7.62mm)	16-WQFN Exposed Pad
Current - Leakage (IS(off)) (Max)	5nA	5nA	500pA	5nA

DG212CSE+ Datasheet PDF

Download DG212CSE+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DG212CSE+ - Analog Devices Inc./Maxim Integrated.

Datasheets

DG202,212.pdf






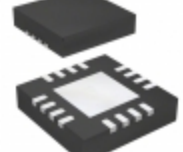












Environmental Information

Maxim Integrated RoHS Cert.pdf

Material Declaration DG212CSE+.pdf

Customers Also Interested in

Recommended Products

 DG212CJ Harris Corporation IC SWITCH SPST-NOX4 175OHM 16DIP	 DG212DY Electro-Films (EFI) / Vishay	 DG212BDJ-E3 Vishay Siliconix IC SWITCH SPST-NOX4 85OHM 16DIP	 DG212CSE-T Electro-Films (EFI) / Vishay	 DG212DY-T1 SILICONIX	 DG212ETE+T Analog Devices Inc./Maxim Integrated IC SW SPST-NOX4 175OHM 16TQFN
 DG212B Electro-Films (EFI) / Vishay	 DG212CY-T Analog Devices Inc./Maxim Integrated IC SW SPST-NOX4 175OHM 16SOIC	 DG212CY Harris Corporation DG212 - QUAD SPST CMOS ANALOG SW	 DG212CSE Analog Devices Inc./Maxim Integrated IC SW SPST-NOX4 175OHM 16SOIC	 DG212CY Analog Devices Inc./Maxim Integrated IC SW SPST-NOX4 175OHM 16SOIC	 DG212BDJ Vishay Siliconix IC SWITCH SPST-NOX4 85OHM 16DIP
 DG212BDY Vishay Siliconix IC SWITCH SPST-NOX4 85OHM 16SOIC	 DG212DJ DG	 DG212AKN ADG212AKN DG	 DG212BDY-T1-E3 Vishay Siliconix IC SWITCH SPST-NOX4 85OHM 16SOIC	 DG212BDY-E3 Vishay Siliconix IC SWITCH SPST-NOX4 85OHM 16SOIC	 DG212CJ Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX4 175OHM 16DIP

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

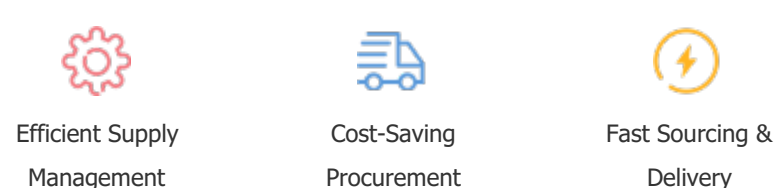
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

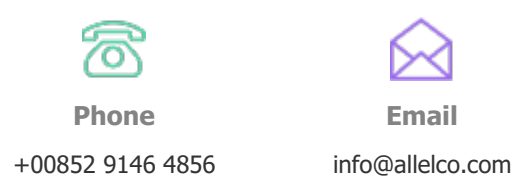
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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