

Image may be representation.  
See specifications for product details.



## DG413CY+T

Manufacturer Part Number	<b>DG413CY+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-DG413CY+T
ECAD Model	Request Free CAD Models
Parts Description	IC SW SPST-NO/NCX4 450HM 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	<b>DG411-13.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

DG413CY+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology DG413CY+T datasheet/specifications on AllelcoElec.com. Request a quote for DG413CY+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

DG413CY+T Tech Specifications

DG413CY+T - 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+)	10V ~ 30V	Multiplexer/Demultiplexer Circuit	1:1
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	175ns, 145ns	Current - Leakage (IS(off)) (Max)	250pA
Switch Circuit	SPST - NO/NC	Crosstalk	-85dB @ 1MHz
Supplier Device Package	16-SOIC	Charge Injection	5pC
Series	-	Channel-to-Channel Matching (ΔRon)	30hm (Max)
Package / Case	16-SOIC (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	9pF, 9pF
Package	Tape & Reel (TR)	Base Product Number	DG413
Operating Temperature	0°C ~ 70°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	450hm		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DG413CY+T

Product Attribute				
Part Number	DG413CY+T	<a href="#">DG413DJ</a>	<a href="#">DG413DJZ</a>	<a href="#">DG413DJ</a>
Manufacturer	Analog Devices Inc./Maxim Integrated	Vishay Siliconix	Renesas Electronics America Inc	Renesas Electronics America Inc
Series	-	-	-	-
Crosstalk	-85dB @ 1MHz	-85dB @ 1MHz	-85dB @ 1MHz	-85dB @ 1MHz
Supplier Device Package	16-SOIC	16-PDIP	16-PDIP	16-PDIP
Mounting Type	Surface Mount	Through Hole	Through Hole	Through Hole
Current - Leakage (IS(off)) (Max)	250pA	250pA	100pA	100pA
Base Product Number	DG413	DG413	DG413	DG413
Voltage - Supply, Single (V+)	10V ~ 30V	5V ~ 44V	5V ~ 44V	5V ~ 44V
Channel Capacitance (CS(off), CD(off))	9pF, 9pF	9pF, 9pF	9pF, 9pF	9pF, 9pF
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-DIP (0.300", 7.62mm)	16-DIP (0.300", 7.62mm)	16-DIP (0.300", 7.62mm)
Number of Circuits	4	4	4	4
Package	Tape & Reel (TR)	Tube	Tube	Tube
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
On-State Resistance (Max)	450hm	350hm	350hm	350hm
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	±5V ~ 20V	±5V ~ 20V	±5V ~ 20V
Switch Time (Ton, Toff) (Max)	175ns, 145ns	175ns, 145ns	175ns, 145ns	175ns, 145ns
Charge Injection	5pC	5pC	5pC	5pC
Switch Circuit	SPST - NO/NC	SPST - NO/NC	SPST - NO/NC	SPST - NO/NC
Channel-to-Channel Matching (ΔRon)	30hm (Max)	-	-	-
-3db Bandwidth	-	-	-	-
Multiplexer/Demultiplexer Circuit	1:1	1:1	1:1	1:1

### DG413CY+T Datasheet PDF

Download DG413CY+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DG413CY+T - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[DG411-13.pdf](#)

#### Environmental Information



















[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)

[Material Declaration DG413CY+T.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>DG413DJ</b> Vishay Siliconix IC SW SPST-NO/NCX4 350HM 16DIP	<b>DG413DJZ</b> Renesas Electronics America Inc IC SW SPST-NO/NCX4 350HM 16DIP	<b>DG413DJ</b> Renesas Electronics America Inc IC SW SPST-NO/NCX4 350HM 16DIP	<b>DG413CUE</b> Analog Devices / Maxim Integrated	<b>DG413CUE+</b> Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 450HM 16TSSOP	<b>DG413AK</b> Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 300HM 16CDIP
					
<b>DG412MY/PR+T</b> Analog Devices / Maxim Integrated	<b>DG413CY</b> Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 450HM 16SOIC	<b>DG413AK/883B</b> Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 300HM 16CDIP	<b>DG412LDY</b> Vishay Siliconix IC SWITCH SPST-NOX4 170HM 16SOIC	<b>DG412LDQ</b> Vishay Siliconix IC SW SPST-NOX4 170HM 16TSSOP	<b>DG4130Y</b> STMicroelectronics
					
<b>DG413DVZ-T</b> Renesas Electronics America Inc IC SW SPST-NO/NCX4 350HM 16TSSOP	<b>DG413AK/883</b> Harris Corporation IC SW SPST-NO/NCX4 350HM 16CDIP	<b>DG413DVZ</b> Renesas Electronics America Inc IC SW SPST-NO/NCX4 350HM 16TSSOP	<b>DG413DJ-E3</b> Vishay Siliconix IC SW SPST-NO/NCX4 350HM 16DIP	<b>DG413DJ</b> Intersil IC SW SPST-NO/NCX4 350HM 16DIP	<b>DG413DJ</b> Harris Corporation IC SW SPST-NO/NCX4 350HM 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

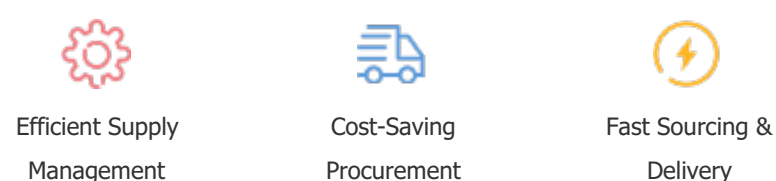
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### Payment Support

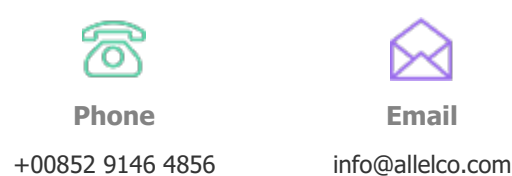
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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