



Image may be representation.  
See specifications for product details.



## DG202BDY-E3

Manufacturer Part Number	<b>DG202BDY-E3</b>
Manufacturer	<b>Vishay / Siliconix</b>
Allelco Part Number	32D-DG202BDY-E3
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC SWITCH SPST-NOX4 85OHM 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	<a href="#">DG201,202B.pdf</a> <a href="#">DG201,202B.pdf</a>
RoHs Status	ROHS3 Compliant

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DG202BDY-E3 - Vishay Siliconix. New Original in Stock. Download Linear Technology DG202BDY-E3 datasheet/specifications on AllelcoElec.com.  
Request a quote for DG202BDY-E3, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

DG202BDY-E3 Tech Specifications

DG202BDY-E3 - Vishay Siliconix technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay / Siliconix	Number of Circuits	4
Voltage - Supply, Single (V+)	4.5V ~ 25V	Multiplexer/Demultiplexer Circuit	1:1
Voltage - Supply, Dual (V±)	±4.5V ~ 22V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	300ns, 200ns	Current - Leakage (IS(off)) (Max)	500pA
Switch Circuit	SPST - NO	Crosstalk	-95dB @ 100kHz
Supplier Device Package	16-SOIC	Charge Injection	1pC
Series	-	Channel-to-Channel Matching (ΔRon)	20hm
Package / Case	16-SOIC (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	5pF, 5pF
Package	Bulk	Base Product Number	DG202
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	850hm		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix DG202BDY-E3

Product Attribute				
Part Number	DG202BDY-E3	<a href="#">DG202BDY-T1-E3</a>	<a href="#">DG202BDJ-E3</a>	<a href="#">DG202CK</a>
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Harris Corporation
Base Product Number	DG202	DG202	DG202	-
Supplier Device Package	16-SOIC	16-SOIC	16-PDIP	16-CERDIP
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-DIP (0.300", 7.62mm)	16-CDIP (0.300", 7.62mm)
Current - Leakage (IS(off)) (Max)	500pA	500pA	500pA	5nA
Package	Bulk	Tape & Reel (TR)	Tube	Bulk
Charge Injection	1pC	1pC	1pC	20pC
-3db Bandwidth	-	-	-	-
Switch Circuit	SPST - NO	SPST - NO	SPST - NO	SPST
Mounting Type	Surface Mount	Surface Mount	Through Hole	Through Hole
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Multiplexer/Demultiplexer Circuit	1:1	1:1	1:1	1:1
Voltage - Supply, Single (V+)	4.5V ~ 25V	4.5V ~ 25V	4.5V ~ 25V	15V
Voltage - Supply, Dual (V±)	±4.5V ~ 22V	±4.5V ~ 22V	±4.5V ~ 22V	±15V
Switch Time (Ton, Toff) (Max)	300ns, 200ns	300ns, 200ns	300ns, 200ns	600ns, 450ns
Series	-	-	-	-
Number of Circuits	4	4	4	4
Channel-to-Channel Matching (ΔRon)	20hm	20hm	20hm	-
Channel Capacitance (CS(off), CD(off))	5pF, 5pF	5pF, 5pF	5pF, 5pF	5pF, 5pF
On-State Resistance (Max)	850hm	850hm	850hm	2000hm
Crosstalk	-95dB @ 100kHz	-95dB @ 100kHz	-95dB @ 100kHz	-

## DG202BDY-E3 Datasheet PDF

Download DG202BDY-E3 pdf datasheets and Vishay Siliconix documentation for DG202BDY-E3 - Vishay Siliconix.

### Datasheets

DG201,202B.pdf



















### PCN Assembly/Origin

PCN Design/Specification

HTML Datasheet

Customers Also Interested in

Recommended Products

 <b>DG202BDY-T1-E3</b> Vishay Siliconix IC SWITCH SPST-NOX4 850HM 16SOIC	 <b>DG202AD/883</b> SIL	 <b>DG202BSE-T</b> Analog Devices / Maxim Integrated	 <b>DG202ACJ</b> DG	 <b>DG202DK</b> N/A	 <b>DG202BDJ-E3</b> Vishay Siliconix IC SWITCH SPST-NOX4 850HM 16DIP
 <b>DG202CK</b> Harris Corporation IC SWITCH SPSTX4 200OHM 16CERDIP	 <b>DG202CJ</b> Intersil IC SWITCH SPST-NCX4 200OHM 16DIP	 <b>DG202AK/883</b> SILICONIX	 <b>DG202BDY</b> Vishay Siliconix IC SWITCH SPST-NOX4 850HM 16SOIC	 <b>DG202CJ+</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX4 200OHM 16DIP	 <b>DG202BDJ</b> Vishay Siliconix IC SWITCH SPST-NOX4 850HM 16DIP
 <b>DG202CSE</b> Analog Devices Inc./Maxim Integrated IC SW SPST-NOX4 200OHM 16SOIC	 <b>DG202CSE+T</b> Analog Devices Inc./Maxim Integrated IC SW SPST-NOX4 200OHM 16SOIC	 <b>DG202AK</b> Intersil IC SW SPST-NOX4 175OHM 16CERDIP	 <b>DG202CSE+</b> Analog Devices Inc./Maxim Integrated IC SW SPST-NOX4 200OHM 16SOIC	 <b>DG202AK</b> Analog Devices Inc./Maxim Integrated IC SW SPST-NOX4 175OHM 16CDIP	 <b>DG202AK/883B</b> Analog Devices Inc./Maxim Integrated IC SW SPST-NOX4 175OHM 16CDIP

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
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Contact us if you have any questions.

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Certifications & Memberships



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