



Image may be representation.
See specifications for product details.



DG201BDY

Manufacturer Part Number	DG201BDY
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-DG201BDY
ECAD Model	Request Free CAD Models
Parts Description	IC SWITCH SPST-NCX4 850HM 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	DG201B,202B.pdf

Get a Quote

DG201BDY - Vishay Siliconix. New Original in Stock. Download Linear Technology DG201BDY datasheet/specifications on AllelcoElec.com.
Request a quote for DG201BDY, please send us email: info@allelco.com

Specifications

DG201BDY Tech Specifications

DG201BDY - 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 - NC	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	DG201
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 DG201BDY

Product Attribute				
Part Number	DG201BDY	DG201ADY	DG201BDY-E3	DG201BDY-T1
Manufacturer	Vishay Siliconix	Analog Devices Inc./Maxim Integrated	Vishay Siliconix	Vishay Siliconix
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-SOIC
Current - Leakage (IS(off)) (Max)	500pA	5nA	500pA	500pA
Voltage - Supply, Single (V+)	4.5V ~ 25V	-	4.5V ~ 25V	4.5V ~ 25V
Crosstalk	-95dB @ 100kHz	-90dB @ 100kHz	-95dB @ 100kHz	-95dB @ 100kHz
-3db Bandwidth	-	-	-	-
Switch Circuit	SPST - NC	SPST - NC	SPST - NC	SPST - NC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Switch Time (Ton, Toff) (Max)	300ns, 200ns	600ns, 450ns	300ns, 200ns	300ns, 200ns
Base Product Number	DG201	DG201A	DG201	DG201
Series	-	-	-	-
Multiplexer/Demultiplexer Circuit	1:1	1:1	1:1	1:1
Package	Bulk	Tube	Tube	Tape & Reel (TR)
On-State Resistance (Max)	850hm	2000hm	850hm	850hm
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Number of Circuits	4	4	4	4
Channel-to-Channel Matching (ΔRon)	20hm	-	20hm	20hm
Charge Injection	1pC	20pC	1pC	1pC
Voltage - Supply, Dual (V±)	±4.5V ~ 22V	±4.5V ~ 18V	±4.5V ~ 22V	±4.5V ~ 22V
Channel Capacitance (CS(off), CD(off))	5pF, 5pF	5pF, 5pF	5pF, 5pF	5pF, 5pF
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)

DG201BDY Datasheet PDF

Download DG201BDY pdf datasheets and Vishay Siliconix documentation for DG201BDY - Vishay Siliconix.

Datasheets



















DG201B,202B.pdf

PCN Obsolescence/ EOL

Analog Ics 25/May/2017.pdf

Customers Also Interested in

Recommended Products

 DG201ADY Analog Devices Inc./Maxim Integrated IC SW SPST-NCX4 200OHM 16SOIC	 DG201DQ-T1-E3 Electro-Films (EFI) / Vishay	 DG201BDY-E3 Vishay Siliconix IC SWITCH SPST-NCX4 850HM 16SOIC	 DG201BDY-T1 Vishay Siliconix IC SWITCH SPST-NCX4 850HM 16SOIC	 DG201ADY-T1 SILICONIX	 DG201ADK-4 SILICONIX
 DG201BK HAS	 DG201ADY+T Analog Devices Inc./Maxim Integrated IC SW SPST-NCX4 200OHM 16SOIC	 DG201BDY-T1-E3 Vishay Siliconix IC SWITCH SPST-NCX4 850HM 16SOIC	 DG201BDQ-T1-E3 Vishay Siliconix IC SW SPST-NCX4 850HM 16TSSOP	 DG201CJ INTESIL	 DG201HSDJ Vishay Siliconix IC SWITCH SPST-NCX4 500HM 16DIP
 DG201BDQ Electro-Films (EFI) / Vishay	 DG201BDJ Vishay Siliconix IC SWITCH SPST-NCX4 850HM 16DIP	 DG201HSDY Vishay Siliconix IC SWITCH SPST-NCX4 500HM 16SOIC	 DG2020DV-T1 SILICONIX	 DG201BDJ-E3 Vishay Siliconix IC SWITCH SPST-NCX4 850HM 16DIP	 DG201ADY+ Analog Devices Inc./Maxim Integrated IC SW SPST-NCX4 200OHM 16SOIC

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

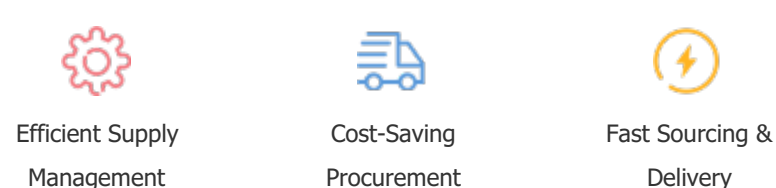
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

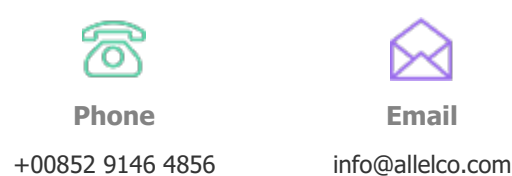
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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