

Image may be representation.
See specifications for product details.



DG201BDY-T1-E3

Manufacturer Part Number	DG201BDY-T1-E3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-DG201BDY-T1-E3
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC SWITCH SPST-NCX4 85OHM 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	DG201,202B.pdf
RoHs Status	ROHS3 Compliant

[Get a Quote](#)

DG201BDY-T1-E3 - Vishay Siliconix. New Original in Stock. Download Linear Technology DG201BDY-T1-E3 datasheet/specifications on AllelcoElec.com. Request a quote for DG201BDY-T1-E3, please send us email: info@allelco.com

Specifications

DG201BDY-T1-E3 Tech Specifications

DG201BDY-T1-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 - 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	Tape & Reel (TR)	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-T1-E3

Product Attribute				
Part Number	DG201BDY-T1-E3	DG201ADY+T	DG201BDJ-E3	DG201BDQ-T1-E3
Manufacturer	Vishay Siliconix	Analog Devices Inc./Maxim Integrated	Vishay Siliconix	Vishay Siliconix
Series	-	-	-	-
Number of Circuits	4	4	4	4
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Charge Injection	1pC	20pC	1pC	1pC
-3db Bandwidth	-	-	-	-
Multiplexer/Demultiplexer Circuit	1:1	1:1	1:1	1:1
Voltage - Supply, Dual (V±)	±4.5V ~ 22V	±4.5V ~ 18V	±4.5V ~ 22V	±4.5V ~ 22V
Current - Leakage (IS(off)) (Max)	500pA	5nA	500pA	500pA
Base Product Number	DG201	DG201	DG201	DG201
Channel-to-Channel Matching (ΔRon)	20hm	-	20hm	20hm
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-DIP (0.300", 7.62mm)	16-TSSOP (0.173", 4.40mm Width)
Switch Circuit	SPST - NC	SPST - NC	SPST - NC	SPST - NC
On-State Resistance (Max)	850hm	2000hm	850hm	850hm
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Crosstalk	-95dB @ 100kHz	-90dB @ 100kHz	-95dB @ 100kHz	-95dB @ 100kHz
Switch Time (Ton, Toff) (Max)	300ns, 200ns	600ns, 450ns	300ns, 200ns	300ns, 200ns
Voltage - Supply, Single (V+)	4.5V ~ 25V	-	4.5V ~ 25V	4.5V ~ 25V
Supplier Device Package	16-SOIC	16-SOIC	16-PDIP	16-TSSOP
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Channel Capacitance (CS(off), CD(off))	5pF, 5pF	5pF, 5pF	5pF, 5pF	5pF, 5pF

DG201BDY-T1-E3 Datasheet PDF

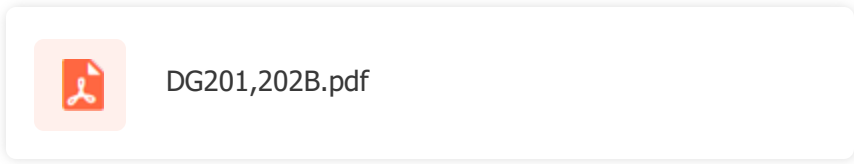
Download DG201BDY-T1-E3 pdf datasheets and Vishay Siliconix documentation for DG201BDY-T1-E3 - Vishay Siliconix.

PCN Assembly/Origin

[Mult Dev 25/Jan/2023.pdf](#)

PCN Design/Specification

[Multi Devices 17/May/2017.pdf](#)



Customers Also Interested in

Recommended Products

 DG201ADY+T Analog Devices Inc./Maxim Integrated IC SW SPST-NCX4 200OHM 16SOIC	 DG201CJ INTESIL	 DG201BDQ Electro-Films (EFI) / Vishay	 DG201BDJ-E3 Vishay Siliconix IC SWITCH SPST-NCX4 850HM 16DIP	 DG201BDQ-T1-E3 Vishay Siliconix IC SW SPST-NCX4 850HM 16TSSOP	 DG201BDY Vishay Siliconix IC SWITCH SPST-NCX4 850HM 16SOIC
 DG201BK HAS	 DG201HSDY Vishay Siliconix IC SWITCH SPST-NCX4 500HM 16SOIC	 DG201ADY-T1 SILICONIX	 DG202AAK LINFINI	 DG2026DQ-T1 Electro-Films (EFI) / Vishay	 DG201DQ-T1-E3 Electro-Films (EFI) / Vishay
 DG2020DV-T1-E3 Vishay Siliconix IC SWITCH SPDT X 1 1.60HM 6TSSOP	 DG201HSDJ Vishay Siliconix IC SWITCH SPST-NCX4 500HM 16DIP	 DG2020DV-T1 SILICONIX	 DG201BDY-T1 Vishay Siliconix IC SWITCH SPST-NCX4 850HM 16SOIC	 DG201BDY-E3 Vishay Siliconix IC SWITCH SPST-NCX4 850HM 16SOIC	 DG201BDJ Vishay Siliconix IC SWITCH SPST-NCX4 850HM 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.

<p>Payment Support</p> <p>The payment method can be chosen from the methods shown below: Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.</p>	<p>Your Faithful Supply Chain Partner -</p> <div style="display: flex; justify-content: space-around;"> <div> Efficient Supply Management </div> <div> Cost-Saving Procurement </div> <div> Fast Sourcing & Delivery </div> </div> <p>Contact us if you have any questions.</p> <div style="display: flex; justify-content: space-around;"> <div> Phone +00852 9146 4856 </div> <div> Email info@allelco.com </div> </div>	<p>Certifications & Memberships</p> <div style="display: flex; justify-content: space-around;"> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> </div> <p style="text-align: right; font-size: small;">View More</p>
---	--	--