

**DG221BDY-T1-E3 Information**


For Reference Only

**Part Number** [DG221BDY-T1-E3](#)  
**Manufacturer** Vishay Siliconix  
**Category** Integrated Circuits (ICs)  
[Interface - Analog Switches, Multiplexers, Demultiplexers](#)  
**Description** IC SWITCH QUAD SPST/CMOS 16SOIC  
**Package** 16-SOIC (0.154", 3.90mm Width)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**DG221BDY-T1-E3 Specifications**

Manufacturer Part Number	<a href="#">DG221BDY-T1-E3</a>
Manufacturer	Vishay Siliconix
Category	Integrated Circuits (ICs) <a href="#">Interface - Analog Switches, Multiplexers, Demultiplexers</a>
Package	16-SOIC (0.154", 3.90mm Width)
Series	-
Switch Circuit	SPST - NC
Multiplexer/Demultiplexer Circuit	1:1
Number of Circuits	4
On-State Resistance (Max)	90 Ohm
Channel-to-Channel Matching (Ron)	-
Voltage - Supply, Single (V+)	-
Voltage - Supply, Dual (V±)	±15V
Switch Time (Ton, Toff) (Max)	550ns, 340ns
-3db Bandwidth	-
Charge Injection	20pC
Channel Capacitance (CS(off), CD(off))	8pF, 9pF
Current - Leakage (IS(off)) (Max)	5nA
Crosstalk	-90dB @ 100kHz
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	16-SOIC (0.154", 3.90mm Width)
Supplier Device Package	16-SOIC

[Report errors?](#)

## DG221BDY-T1-E3 Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## DG221BDY-T1-E3 Payment Methods



## DG221BDY-T1-E3 Shipping Methods



If you have any question about DG221BDY-T1-E3, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)