



### **DG612DY-T1-E3 Information**

Part Number DG612DY-T1-E3 Manufacturer Vishay Siliconix Category

Integrated Circuits (ICs)

Interface - Analog Switches, Multiplexers,

**Demultiplexers** 

IC SWITCH QUAD SPST 16-SOIC Description **Package** 16-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

# **Certified Quality**

For Reference Only

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.









# **DG612DY-T1-E3 Specifications**

Manufacturer Part Number	DG612DY-T1-E3
Manufacturer	Vishay Siliconix
Category	Integrated Circuits (ICs)
	Interface - Analog Switches, Multiplexers, Demultiplexers
Package	16-SOIC (0.154", 3.90mm Width)
Series	-
Switch Circuit	SPST - NO
Multiplexer/Demultiplexer Circuit	1:1
Number of Circuits	4
On-State Resistance (Max)	45 Ohm
Channel-to-Channel Matching (Ron)	2 Ohm
Voltage - Supply, Single (V+)	10 V ~ 18 V
Voltage - Supply, Dual (V±)	±10 V ~ 15 V
Switch Time (Ton, Toff) (Max)	35ns, 25ns
-3db Bandwidth	500MHz
Charge Injection	4pC
Channel Capacitance (CS(off), CD(off))	3pF, 2pF
Current - Leakage (IS(off)) (Max)	250pA
Crosstalk	-87dB @ 5MHz
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	16-SOIC (0.154", 3.90mm Width)
Supplier Device Package	16-SOIC
	Report errors?

#### **DG612DY-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.

# DG612DY-T1-E3 Payment Methods



















## **DG612DY-T1-E3 Shipping Methods**













If you have any question about DG612DY-T1-E3, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com