

DG212BDQ-E3 Information



For Reference Only

Part Number DG212BDQ-E3 **Manufacturer** Vishay Siliconix

Category Integrated Circuits (ICs)

Interface - Analog Switches, Multiplexers,

Demultiplexers

Description IC SWITCH QUAD SPST 16TSSOP **Package** 16-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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



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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.









DG212BDQ-E3 Specifications

Manufacturer Part Number Manufacturer Vishay Siliconix Integrated Circuits (ICs) Interface - Analog Switches, Multiplexers, Demultiplexers Package 16-TSSOP (0.173", 4.40mm Width) Series Switch Circuit SPST - NO Multiplexer/Demultiplexer Circuit Number of Circuits On-State Resistance (Max) Channel-to-Channel Matching (Ron) Voltage - Supply, Single (V+) Voltage - Supply, Dual (V±) Switch Time (Ton, Toff) (Max) -3db Bandwidth Charge Injection Integrated Circuits (ICs) Integrated Circui
Category Integrated Circuits (ICs) Interface - Analog Switches, Multiplexers, Demultiplexers Package 16-TSSOP (0.173", 4.40mm Width) Series - Switch Circuit SPST - NO Multiplexer/Demultiplexer Circuit 1:1 Number of Circuits 4 On-State Resistance (Max) Channel-to-Channel Matching (Ron) Voltage - Supply, Single (V+) Voltage - Supply, Dual (V±) Switch Time (Ton, Toff) (Max) -3db Bandwidth Integrated Circuits (ICs) Integrated Circuits (ICs) A.40mm Width) - - 4.5 V ~ 25 V 4 5 V ~ 25 V 4 5 V ~ 22 V 5 Switch Time (Ton, Toff) (Max) - 300ns, 200ns - - - - - - - - - - - - -
Interface - Analog Switches, Multiplexers, Demultiplexers Package 16-TSSOP (0.173", 4.40mm Width) Series - Switch Circuit SPST - NO Multiplexer/Demultiplexer Circuit 1:1 Number of Circuits 4 On-State Resistance (Max) Channel-to-Channel Matching (Ron) Voltage - Supply, Single (V+) Voltage - Supply, Dual (V±) Switch Time (Ton, Toff) (Max) -3db Bandwidth - Interface - Analog Switches, Multiplexers, Demultiplexers 16-TSSOP (0.173", 4.40mm Width) - 4.5 V ~ 20 V System Voltage - No Voltage - No Voltage - Supply, Dual (V±) Switch Time (Ton, Toff) (Max)
Package 16-TSSOP (0.173", 4.40mm Width) Series - Switch Circuit SPST - NO Multiplexer/Demultiplexer Circuit 1:1 Number of Circuits 4 On-State Resistance (Max) 85 Ohm Channel-to-Channel Matching (Ron) 2 Ohm Voltage - Supply, Single (V+) 4.5 V ~ 25 V Voltage - Supply, Dual (V±) ±4.5 V ~ 22 V Switch Time (Ton, Toff) (Max) 300ns, 200ns -3db Bandwidth -
Series - Switch Circuit SPST - NO Multiplexer/Demultiplexer Circuit 1:1 Number of Circuits 4 On-State Resistance (Max) 85 Ohm Channel-to-Channel Matching (Ron) 2 Ohm Voltage - Supply, Single (V+) 4.5 V ~ 25 V Voltage - Supply, Dual (V±) ±4.5 V ~ 22 V Switch Time (Ton, Toff) (Max) 300ns, 200ns -3db Bandwidth -
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Voltage - Supply, Dual (V \pm) $\pm 4.5 \text{ V} \sim 22 \text{ V}$ Switch Time (Ton, Toff) (Max) 300ns, 200ns -3db Bandwidth -
Switch Time (Ton, Toff) (Max) -3db Bandwidth -300ns, 200ns -3db Bandwidth
-3db Bandwidth -
Charge Injection 1pC
Channel Capacitance (CS(off), CD(off)) 5pF, 5pF
Current - Leakage (IS(off)) (Max) 500pA
Crosstalk -95dB @ 100kHz
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Package / Case 16-TSSOP (0.173", 4.40mm Width)
Supplier Device Package 16-TSSOP
Report errors?

DG212BDQ-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.

DG212BDQ-E3 Payment Methods



















DG212BDQ-E3 Shipping Methods













If you have any question about DG212BDQ-E3, please do not hesitate to contact us!

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