



Image may be representation.
See specifications for product details.

DG442ETE+T

Part Number: **DG442ETE+T**
 Product Description: IC SWITCH QUAD SPST 16TQFN
 RoHs Status: Lead free / RoHS Compliant
 Datasheets: [DG442ETE+T.pdf](#)

Manufacturer/Brand: Maxim Integrated
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Product details

Part Number	DG442ETE+T	Manufacturer	Maxim Integrated
Description	IC SWITCH QUAD SPST 16TQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	DG442ETE+T.pdf		
Voltage - Supply, Single (V+)	10 V ~ 30 V	Voltage - Supply, Dual (V±)	±4.5 V ~ 20 V
Switch Time (Ton, Toff) (Max)	250ns, 170ns	Switch Circuit	SPST - NO
Supplier Device Package	16-TQFN (5x5)	Series	-
Packaging	Tape & Reel (TR)	Package / Case	16-WQFN Exposed Pad
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	85 Ohm
Number of Circuits	4	Multiplexer/Demultiplexer Circuit	1:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	4 Circuit IC Switch 1:1 85 Ohm 16-TQFN (5x5)	Current - Leakage (IS(off)) (Max)	500pA
Crosstalk	-100dB @ 1MHz	Charge Injection	5pC
Channel-to-Channel Matching (ΔRon)	4 Ohm (Max)	Channel Capacitance (CS(off), CD(off))	4pF, 4pF
Base Part Number	DG442	-3db Bandwidth	-

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