

	DG2042DN-T1-E4 Manufacturer Part Number: DG2042DN-T1-E4 Manufacturer/Brand: Electro-Films (EFI) / Vishay Part of Description: IC SWITCH QUAD SPST 16QFN Datasheets: DG2042DN-T1-E4.pdf RoHs Status: Lead free / RoHS Stock Condition: Compliant New original, 2692 pcs Stock Available. Ship From: Hong Kong Shipment Way: DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

Specifications	
Part Number	DG2042DN-T1-E4
Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH QUAD SPST 16QFN
Category	Integrated Circuits (ICs) > Interface - Analog Switches,
Part Status	2692 pcs Stock
Voltage - Supply, Single (V+)	1.8 V ~ 5.5 V
Voltage - Supply, Dual (V±)	-
Switch Time (Ton, Toff) (Max)	42ns, 32ns
Switch Circuit	SPST - NO
Supplier Device Package	16-QFN (4x4)
Series	-
Packaging	Tape & Reel (TR)
Package / Case	16-VQFN Exposed Pad
Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	1.5 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 1.5 Ohm 16-QFN (4x4)
Current - Leakage (IS(off)) (Max)	1nA
Crosstalk	-93dB @ 1MHz
Charge Injection	3pC
Channel-to-Channel Matching (ΔRon)	300 mOhm (Max)
Channel Capacitance (CS(off), CD(off))	26pF
Base Part Number	DG2042
-3db Bandwidth	-

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DG2042DQ-T1-E3 Electro-Films (EFI) / Vishay IC SWITCH QUAD SPST 16TSSOP	DG2043DN-T1-E4 Electro-Films (EFI) / Vishay IC SWITCH QUAD SPST 16QFN	DG2042DQ VISHAY DG2042DQ VISHAY	DG2042DQ-T1-E3 Vishay Siliconix IC SWITCH QUAD SPST 16TSSOP

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DG2042DN-T1-E4 Electronic	DG2042DN-T1-E4 Manufacturer	DG2042DN-T1-E4 Distributor	DG2042DN-T1-E4 Image	DG2042DN-T1-E4 Part	
DG2042DN-T1-E4 Price	DG2042DN-T1-E4 Original	DG2042DN-T1-E4 Picture	DG2042DN-T1-E4 Stock	DG2042DN-T1-E4 Inventory	
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