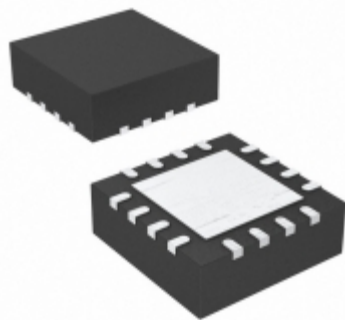


DG2042DN-T1-E4





Part Number: [DG2042DN-T1-E4](#)

Manufacturer [Electro-Films \(EFI\)](#) / [Vishay](#)

Description IC SWITCH QUAD SPST 16QFN

Data sheet:  [DG2041-43](#)

RoHs Status: Lead free / RoHS Compliant

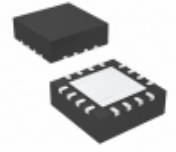
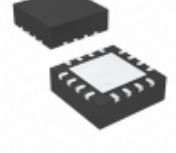
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DG2042DN-T1-E4	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH QUAD SPST 16QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4958 pcs	Data sheet	DG2041-43
Category	Integrated Circuits (ICs)	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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RELATED PRODUCTS			
	Part#: DG211BDY Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2037DS-T1 Description: IC SWITCH QUAD SPST SOT23-8	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2034EDQ-T1-GE3 Description: POWER DOWN FAULT PROTECTED,1.8V	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG206 Description: SURGE SUPPRESSOR 15A 6OUT 6'CORD	Manufacturers: Tripp Lite	RFQ
	Part#: DG211BDJ-E3 Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG211BDQ-T1-E3 Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2037DS-T1-E3 Description: IC SWITCH DUAL SPDT SOT23-8	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2041DN-T1-E4 Description: IC SWITCH QUAD SPST 16QFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG211BDJ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2038DS-T1-E3 Description: IC SWITCH DUAL SPDT SOT23-8	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2038DQ-T1-E3 Description: IC SWITCH DUAL SPDT 8MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2035DQ-T1-E3 Description: IC SWITCH DUAL SPDT 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG211BDQ-E3 Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG211BDY-E3 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2042DQ-T1-E3 Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2041DQ-T1-E3 Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2043DN-T1-E4 Description: IC SWITCH QUAD SPST 16QFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2037DQ-T1-E3 Description: IC SWITCH DUAL SPST 8MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2039DS-T1-E3 Description: IC SWITCH DUAL SPDT SOT23-8	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2043DQ-T1-E3 Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

Related keywords for DG2042DN-T1-E4			
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