

DG412LDQ-T1-E3



Part Number: [DG412LDQ-T1-E3](#)

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

Description IC SWITCH QUAD SPST LV 16-TSSOP

Data sheet:  [DG411L/412L/413L](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	DG412LDQ-T1-E3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH QUAD SPST LV 16-TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4550 pcs	Data sheet	DG411L/412L/413L
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	2.7 V ~ 12 V
Voltage - Supply, Dual (V±)	±3 V ~ 6 V	Switch Time (Ton, Toff) (Max)	19ns, 12ns
Switch Circuit	SPST - NO	Supplier Device Package	16-TSSOP
Series	-	Packaging	Tape & Reel (TR)
Package / Case	16-TSSOP (0.173", 4.40mm Width)	Other Names	DG412LDQ-T1-E3TR DG412LDQT1E3
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	17 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 17 Ohm 16-TSSOP	Current - Leakage (IS(off)) (Max)	250pA
Crosstalk	-95dB @ 1MHz	Charge Injection	5pC
Channel-to-Channel Matching (ΔRon)	-	Channel Capacitance (CS(off), CD(off))	5pF, 6pF
Base Part Number	DG412	-3db Bandwidth	280MHz
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RELATED PRODUCTS			
	Part#: DG412LDY-E3 Description: IC SWITCH QUAD SPST LV 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412HSDY-T1-E3 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LDQ-E3 Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG413AK/883B Description: IC SWITCH QUAD SPST 16CDIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG412LEDQ-GE3 Description: IC SWITCH QUAD SPST 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LEDY-T1-GE3 Description: IC SWITCH QUAD SPST 16-SOICE	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LDJ-E3 Description: IC SWITCH QUAD SPST LV 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LDY Description: IC SWITCH QUAD SPST LV 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LDY-T1-E3 Description: IC SWITCH QUAD SPST LV 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LDQ Description: IC SWITCH QUAD SPST LV 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG412LEDJ-GE3 Description: IC SWITCH QUAD SPST 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LEDY-GE3 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LDY-T1 Description: IC SWITCH QUAD SPST LV 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412HSDY-E3 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG412LEDQ-T1-GE3 Description: IC SWITCH QUAD SPST 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

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