

DG412LDY-T1



Part Number: [DG412LDY-T1](#)

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

Description: IC SWITCH QUAD SPST LV 16-SOIC

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

RoHs Status: Contains lead / RoHS non-compliant

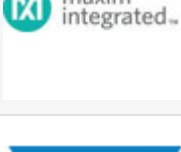
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PRODUCT PARAMETER			
Part Number	DG412LDY-T1	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH QUAD SPST LV 16-SOIC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5559 pcs	Data sheet	DG411L/412L/413L
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-SOIC
Series	-	Packaging	Tape & Reel (TR)
Package / Case	16-SOIC (0.154", 3.90mm Width)	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	Contains lead / RoHS non-compliant	Detailed Description	4 Circuit IC Switch 1:1 17 Ohm 16-SOIC
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	-3db Bandwidth	280MHz
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	Part#: DG412LEDY-T1-GE3 Description: IC SWITCH QUAD SPST 16-SOICE	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LDQ-T1 Description: IC SWITCH QUAD SPST LV 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412HSDY-T1-E3 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LDJ Description: IC SWITCH QUAD SPST LV 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LDQ-E3 Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LEDQ-T1-GE3 Description: IC SWITCH QUAD SPST 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG413CUE+ Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG412LEDY-GE3 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG413CJ+ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG412LDY-T1-E3 Description: IC SWITCH QUAD SPST LV 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG413CUE+T Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG412LEDQ-GE3 Description: IC SWITCH QUAD SPST 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LDJ-E3 Description: IC SWITCH QUAD SPST LV 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LEDJ-GE3 Description: IC SWITCH QUAD SPST 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#: DG412LDQ-T1-E3 Description: IC SWITCH QUAD SPST LV 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG413AK/883B Description: IC SWITCH QUAD SPST 16CDIP	Manufacturers: Maxim Integrated	RFQ

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