

DG412HSDY-T1-E3



Part Number: [DG412HSDY-T1-E3](#)

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

Description: IC SWITCH QUAD SPST 16-SOIC

Data sheet:  [DG411,12,13HS](#)

RoHs Status: Lead free / RoHS Compliant

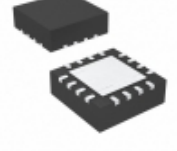
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PRODUCT PARAMETER			
Part Number	DG412HSDY-T1-E3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH QUAD SPST 16-SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	53270 pcs	Data sheet	DG411,12,13HS
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	12V
Voltage - Supply, Dual (V±)	±5 V ~ 20 V	Switch Time (Ton, Toff) (Max)	105ns, 80ns
Switch Circuit	SPST - NO	Supplier Device Package	16-SOIC
Series	-	Packaging	Tape & Reel (TR)
Package / Case	16-SOIC (0.154", 3.90mm Width)	Other Names	DG412HSDY-T1-E3TR DG412HSDYT1E3
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	35 Ohm
Number of Circuits	4	Multiplexer/Demultiplexer Circuit	1:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	11 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	4 Circuit IC Switch 1:1 35 Ohm 16-SOIC
Current - Leakage (IS(off)) (Max)	250pA	Crosstalk	-88dB @ 1MHz
Charge Injection	22pC	Channel-to-Channel Matching (ΔRon)	-
Channel Capacitance (CS(off), CD(off))	12pF, 12pF	Base Part Number	DG412
-3db Bandwidth	-		
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RELATED PRODUCTS			
	Part#: DG412HSDJ-E3 Description: IC SWITCH QUAD SPST 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LDQ-E3 Description: IC SWITCH QUAD SPST 16TSSOP	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 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412FEUE+ Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG412LDY-E3 Description: IC SWITCH QUAD SPST LV 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LAK Description: IC SWITCH QUAD SPST 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412HSDY-E3 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LDQ-T1 Description: IC SWITCH QUAD SPST LV 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412HSDJ Description: IC SWITCH QUAD SPST 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412HSDN-T1-E4 Description: IC SWITCH QUAD SPST 16-QFN 4XX4	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#: DG412FEUE+T Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG412HSDY-T1 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LDY Description: IC SWITCH QUAD SPST LV 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LDJ-E3 Description: IC SWITCH QUAD SPST LV 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LDJ Description: IC SWITCH QUAD SPST LV 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412LDQ Description: IC SWITCH QUAD SPST LV 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412HSAK-E3 Description: IC SWITCH QUAD SPST 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG412HSAK Description: IC SWITCH QUAD SPST 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

Related keywords for DG412HSDY-T1-E3			
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