

DG212BDY-E3



Part Number: [DG212BDY-E3](#)

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

Description: IC SWITCH QUAD SPST 16SOIC

Data sheet:  [DG211B,212B](#)

RoHs Status: Lead free / RoHS Compliant

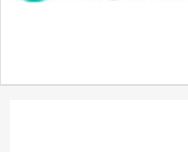
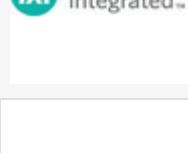
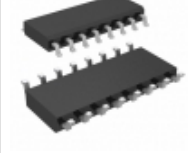
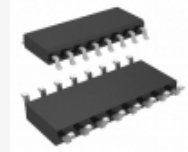
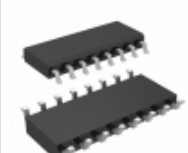
Ship From: Hong Kong

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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	DG212BDY-E3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH QUAD SPST 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	64446 pcs	Data sheet	DG211B,212B
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	4.5 V ~ 25 V
Voltage - Supply, Dual (V±)	±4.5 V ~ 22 V	Switch Time (Ton, Toff) (Max)	300ns, 200ns
Switch Circuit	SPST - NO	Supplier Device Package	16-SOIC
Series	-	Packaging	Tube
Package / Case	16-SOIC (0.154", 3.90mm Width)	Other Names	DG212BDYE3
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	85 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 85 Ohm 16-SOIC
Current - Leakage (IS(off)) (Max)	500pA	Crosstalk	-95dB @ 100kHz
Charge Injection	1pC	Channel-to-Channel Matching (ΔRon)	2 Ohm
Channel Capacitance (CS(off), CD(off))	5pF, 5pF	Base Part Number	DG212
-3db Bandwidth	-		
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RELATED PRODUCTS			
	Part#: DG212CSE+ Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG211EUE+T Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG212BDY-T1 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG212BDQ-T1-E3 Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG212BDY-T1-E3 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG212BDJ-E3 Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG212CJ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG212BDJ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG212BDY Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG212DY+ Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG211EUE+ Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG212CJ+ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG211CYZT Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Intersil	RFQ
	Part#: DG212DJ+ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG212BDQ-E3 Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG212CY+ Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
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	Part#: DG211DY+ Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
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	Part#: DG212DY+T Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ

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