

DG309DY



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Part Number: [DG309DY](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH QUAD SPST 16SOIC

Data sheet:  [DG308A,309](#)

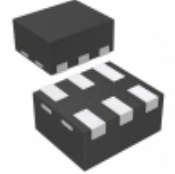
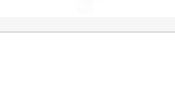
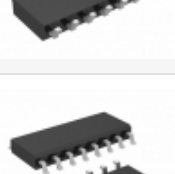
RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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

Request For Quotation

PRODUCT PARAMETER			
Part Number	DG309DY	Manufacturer	Maxim Integrated
Description	IC SWITCH QUAD SPST 16SOIC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4648 pcs	Data sheet	DG308A,309
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	5 V ~ 30 V
Voltage - Supply, Dual (V±)	±5 V ~ 20 V	Switch Time (Ton, Toff) (Max)	250ns, 150ns
Switch Circuit	SPST - NC	Supplier Device Package	16-SO
Series	-	Packaging	Tube
Package / Case	16-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	100 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 1:1 100 Ohm 16-SO
Current - Leakage (IS(off)) (Max)	5nA	Crosstalk	-
Charge Injection	-10pC	Channel-to-Channel Matching (ΔRon)	-
Channel Capacitance (CS(off), CD(off))	11pF, 8pF	Base Part Number	DG309
-3db Bandwidth	-		
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RELATED PRODUCTS			
	Part#: DG309BDY-E3 Description: IC SWITCH QUAD CMOS 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG3157BDN-T1-E4 Description: IC SWITCH SPDT 300MHZ 6-MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG309DY-E3 Description: IC SWITCH QUAD SPST/CMOS 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG3157DL-T1-E3 Description: IC DECODER/DEMUX HS 2:1 SC70-6	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG309CJ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG309DY-T1 Description: IC SWITCH QUAD SPST/CMOS 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG309DJ Description: IC SW QUAD ANLG SPST 16-DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG3157ADN-T1-E4 Description: IC SWITCH SPDT 300MHZ 6-MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG309CJ-E3 Description: IC SWITCH QUAD SPST/CMOS 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG309DY Description: IC SWITCH QUAD SPST/CMOS 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG309BDY-T1-E3 Description: IC SWITCH QUAD CMOS 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG309CY+ Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG309CY Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG309CJ+ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG309DY-T1-E3 Description: IC SWITCH QUAD SPST/CMOS 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG3157DL-T1-GE3 Description: IC DECODER/DEMUX HS 2:1 SC70-6	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG309DY+ Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG309BDY-T1 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG309CJ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

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