

DG409DY



Part Number: [DG409DY](#)

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

Description: IC MUX CMOS ANG DUAL 8CH 16SOIC

Data sheet:  [DG408, DG409](#)

RoHs Status: Contains lead / RoHS non-compliant

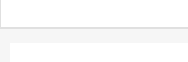
Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	DG409DY	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC MUX CMOS ANG DUAL 8CH 16SOIC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4232 pcs	Data sheet	DG408, DG409
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	5 V ~ 36 V
Voltage - Supply, Dual (V±)	±5 V ~ 20 V	Switch Time (Ton, Toff) (Max)	150ns, 150ns
Switch Circuit	SP4T	Supplier Device Package	16-SOIC
Series	-	Packaging	Tube
Package / Case	16-SOIC (0.154", 3.90mm Width)	Other Names	DG409DYVSI
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	100 Ohm
Number of Circuits	2	Multiplexer/Demultiplexer Circuit	4:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Detailed Description	2 Circuit IC Switch 4:1 100 Ohm 16-SOIC	Current - Leakage (IS(off)) (Max)	500pA
Crosstalk	-	Charge Injection	20pC
Channel-to-Channel Matching (ΔRon)	15 Ohm (Max)	Channel Capacitance (CS(off), CD(off))	14pF, 25pF
-3db Bandwidth	-		
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RELATED PRODUCTS			
	Part#: DG409DJ Description: IC MULTIPLEXER DUAL 4:1 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG409EUE+ Description: IC MULTIPLEXER DUAL 4X1 16TSSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG409DJZ Description: IC MULTIPLEXER DUAL 4X1 16DIP	Manufacturers: Intersil	RFQ
	Part#: DG409DQ-T1-E3 Description: IC MULTIPLEXER DUAL 4X2 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG409DY Description: IC MULTIPLEXER DUAL 4X1 16SOIC	Manufacturers: Intersil	RFQ
	Part#: DG409DJ+ Description: IC MULTIPLEXER DUAL 4X1 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG409DQ-E3 Description: IC MUX CMOS ANG DUAL 8CH 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG409DJ-E3 Description: IC MUX CMOS ANG DUAL 8CH 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG409DY-T1-E3 Description: IC MULTIPLEXER DUAL 4X1 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG409DY-E3 Description: IC MUX CMOS ANG DUAL 8CH 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG409DY+ Description: IC MULTIPLEXER DUAL 4X1 16SOIC	Manufacturers: Maxim Integrated	RFQ
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	Part#: DG409DYZ-T Description: IC MULTIPLEXER DUAL 4X1 16SOIC	Manufacturers: Intersil	RFQ
	Part#: DG409DVZ Description: IC MULTIPLEXER DUAL 4X1 16TSSOP	Manufacturers: Intersil	RFQ
	Part#: DG409DY-T1 Description: IC MUX CMOS ANG DUAL 8CH 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG409EUE Description: IC MULTIPLEXER DUAL 4:1 16TSSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG409DJ Description: IC MUX CMOS ANG DUAL 8CH 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG409DY+T Description: IC MULTIPLEXER DUAL 4X1 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG409DY-T Description: IC MULTIPLEXER DUAL 4X1 16SOIC	Manufacturers: Intersil	RFQ

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