

DG408DY-T



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Part Number: [DG408DY-T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MULTIPLEXER 8X1 16-SOIC

Data sheet:  [DG408-09](#)

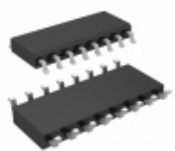
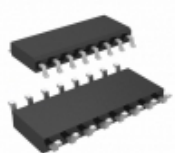
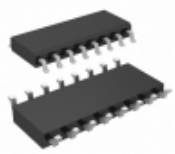
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	DG408DY-T	Manufacturer	Maxim Integrated
Description	IC MULTIPLEXER 8X1 16-SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4252 pcs	Data sheet	DG408-09
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)	150ns, 150ns
Switch Circuit	-	Supplier Device Package	16-SO
Series	-	Packaging	Tape & Reel (TR)
Package / Case	16-SOIC (0.154", 3.90mm Width)	Other Names	DG408DY-TMAX DG408DYT
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	100 Ohm
Number of Circuits	1	Multiplexer/Demultiplexer Circuit	8:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	1 Circuit IC Switch 8:1 100 Ohm 16-SO	Current - Leakage (IS(off)) (Max)	500pA
Crosstalk	-92dB @ 100kHz	Charge Injection	2pC
Channel-to-Channel Matching (ΔRon)	1.5 Ohm	Channel Capacitance (CS(off), CD(off))	3pF, 26pF
Base Part Number	DG408	-3db Bandwidth	-
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	Part#: DG408DY+ Description: IC MULTIPLEXER 8X1 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG408DQ-E3 Description: IC MUX CMOS ANG DUAL 8CH 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG408DVZ-T Description: IC MULTIPLEXER 8X1 16TSSOP	Manufacturers: Intersil	RFQ
	Part#: DG408DY/R70865 Description: IC MULTIPLEXER 8:1 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG408DY-E3 Description: IC MUX CMOS ANG DUAL 8CH 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG408DQ-T1-E3 Description: IC MULTIPLEXER 8X1 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG408EUE Description: IC MULTIPLEXER 8:1 16TSSOP	Manufacturers: Maxim Integrated	RFQ

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