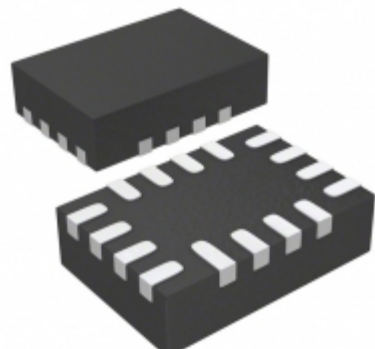


DG509BEN-T1-GE4





Part Number: [DG509BEN-T1-GE4](#)

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

Description IC MUX ANALOG SINGLE 8CH 16QFN

Data sheet:  [DG508B,509B](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
Buy DG509BEN-T1-GE4 with confidence from
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DG509BEN-T1-GE4	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC MUX ANALOG SINGLE 8CH 16QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	61895 pcs	Data sheet	DG508B,509B
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	12V
Voltage - Supply, Dual (V±)	±5 V ~ 20 V	Switch Time (Ton, Toff) (Max)	250ns, 240ns
Switch Circuit	SP4T	Supplier Device Package	16-miniQFN (1.8x2.6)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	16-WFQFN	Other Names	DG509BEN-T1-GE4-ND DG509BEN-T1-GE4TR
Operating Temperature	-40°C ~ 125°C (TA)	On-State Resistance (Max)	380 Ohm
Number of Circuits	2	Multiplexer/Demultiplexer Circuit	4:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	2 Circuit IC Switch 4:1 380 Ohm 16-miniQFN (1.8x2.6)
Current - Leakage (IS(off)) (Max)	1nA	Crosstalk	-88dB @ 1MHz
Charge Injection	2pC	Channel-to-Channel Matching (ΔRon)	10 Ohm
Channel Capacitance (CS(off), CD(off))	3pF, 8pF	-3db Bandwidth	250MHz
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RELATED PRODUCTS			
	Part#: DG509BEJ-E3 Description: IC MUX ANA DUAL 8/4CH 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG528DJ+ Description: IC MULTIPLEXER 8X1 18DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG509ADY+ Description: IC MULTIPLEXER DUAL 4X1 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG509ADJ+ Description: IC MULTIPLEXER DUAL 4X1 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG509AEWE-C30144 Description: IC MUX MONO CMOS ANALOG SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG528BK Description: IC MULTIPLEXER 8X1 18DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG509ACWE+ Description: IC MULTIPLEXER DUAL 4X1 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG509ADY+T Description: IC MULTIPLEXER DUAL 4X1 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG509ADY-T Description: IC MUX ANLG MONO CMOS 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG528CWN+T Description: IC MULTIPLEXER 8X1 18SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG509BEQ-T1-E3 Description: IC MUX DUAL 4CHAN PREC 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG509ADY Description: IC MULTIPLEXER DUAL 4X1 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG528AK Description: IC MULTIPLEXER 8X1 18DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG509AEWE+ Description: IC MULTIPLEXER DUAL 4X1 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG528CJ+ Description: IC MULTIPLEXER 8X1 18DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG509ACWE+T Description: IC MULTIPLEXER DUAL 4X1 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG509BEY-T1-E3 Description: IC MUX DUAL 4CHAN PREC 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG528AK/883B Description: IC MUX 8:1 400 OHM 18DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG528CWN+ Description: IC MULTIPLEXER 8X1 18SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG528DJ Description: IC MUX 8CH LATCHABLE 18DIP	Manufacturers: Maxim Integrated	RFQ

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