

DG202BDQ-T1-E3



Part Number: [DG202BDQ-T1-E3](#)

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

Description: IC SWITCH QUAD CMOS 16TSSOP

Data sheet:  [DG201,202B](#)

RoHs Status: Lead free / RoHS Compliant

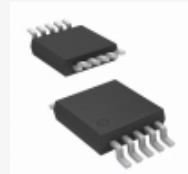
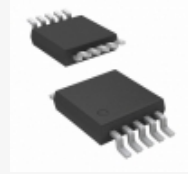
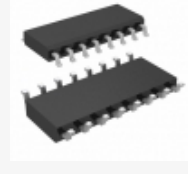
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PRODUCT PARAMETER			
Part Number	DG202BDQ-T1-E3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH QUAD CMOS 16TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	107407 pcs	Data sheet	DG201,202B
Category	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-TSSOP
Series	-	Packaging	Tape & Reel (TR)
Package / Case	16-TSSOP (0.173", 4.40mm Width)	Other Names	DG202BDQ-T1-E3-ND DG202BDQ-T1-E3TR DG202BDQT1E3
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	13 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	4 Circuit IC Switch 1:1 85 Ohm 16-TSSOP
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	DG202
-3db Bandwidth	-		
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RELATED PRODUCTS			
	Part#: DG202CJ+ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG202BDY-T1-E3 Description: IC SWITCH QUAD CMOS 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG202BDQ-E3 Description: IC SWITCH QUAD CMOS 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2026DQ-T1-E3 Description: IC SWITCH DUAL SPDT 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG202BDJ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG202BAK Description: IC SWITCH QUAD SPST 16CDIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG202DY+T Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG202BDY-T1 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG202BDK Description: IC SWITCH QUAD SPST 16CDIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG202AK/883B Description: IC SWITCH QUAD SPST 16CDIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG202BAK-E3 Description: IC SWITCH QUAD SPST 16CDIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG202BAK/883 Description: IC SWITCH QUAD SPST 16CDIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG202BDY Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2031DQ-T1-E3 Description: IC SWITCH DUAL CMOS 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG202BDJ-E3 Description: IC SWITCH QUAD CMOS 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG202DY+ Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG2020DV-T1-E3 Description: IC ANALOG SWITCH SPDT 6TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG202CSE+T Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG202BDY-E3 Description: IC SWITCH QUAD CMOS 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG202CSE+ Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ

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