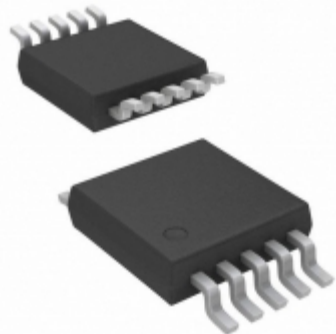


DG2031DQ-T1-E3





Part Number: [DG2031DQ-T1-E3](#)

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

Description IC SWITCH DUAL CMOS 10MSOP

Data sheet:  [DG2031](#)

RoHS Status: Lead free / RoHS Compliant

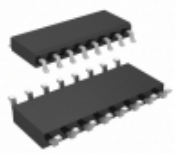
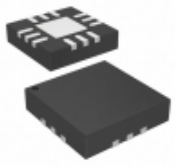
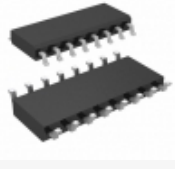
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DG2031DQ-T1-E3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH DUAL CMOS 10MSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4296 pcs	Data sheet	DG2031
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	1.8 V ~ 5.5 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	58ns, 49ns
Switch Circuit	SPDT	Supplier Device Package	10-MSOP
Series	-	Packaging	Tape & Reel (TR)
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	750 mOhm	Number of Circuits	2
Multiplexer/Demultiplexer Circuit	2:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	2 Circuit IC Switch 2:1 750 mOhm 10-MSOP
Current - Leakage (IS(off)) (Max)	1nA	Crosstalk	-71dB @ 1MHz
Charge Injection	4pC	Channel-to-Channel Matching (ΔRon)	50 mOhm (Max)
Channel Capacitance (CS(off), CD(off))	117pF	Base Part Number	DG2031
-3db Bandwidth	-		
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RELATED PRODUCTS			
	Part#: DG2034DN-T1-E4 Description: IC MULTIPLEXER 4X1 12QFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2034EDN-T1-GE4 Description: POWER DOWN FAULT PROTECTED,1.8VT	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	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#: DG2037DS-T1-E3 Description: IC SWITCH DUAL SPDT SOT23-8	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2034DQ-T1-E3 Description: IC MULTIPLEXER 4X1 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG202DY+T Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG2032DN-T1-E4 Description: IC SWITCH DUAL CMOS 12QFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2037DQ-T1-E3 Description: IC SWITCH DUAL SPST 8MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG202BDQ-T1-E3 Description: IC SWITCH QUAD CMOS 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2034EDQ-T1-GE3 Description: POWER DOWN FAULT PROTECTED,1.8V	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2032EDN-T1-GE4 Description: IC ANALOG SWITCH DUAL 12QFN	Manufacturers: Electro-Films (EFI) / Vishay	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
	Part#: DG202BDY Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG202BDY-T1 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2035DQ-T1-E3 Description: IC SWITCH DUAL SPDT 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG202DY+ Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG2037DS-T1 Description: IC SWITCH QUAD SPST SOT23-8	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG202CSE+T Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ

Related keywords for DG2031DQ-T1-E3			
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