

DG419BDY-T1-E3



Part Number: [DG419BDY-T1-E3](#)

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

Description: IC ANALOG SWITCH CMOS 8SOIC

Data sheet:  [DG417-419B](#)

RoHs Status: Lead free / RoHS Compliant

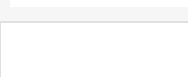
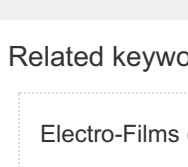
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DG419BDY-T1-E3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC ANALOG SWITCH CMOS 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	76710 pcs	Data sheet	DG417-419B
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	12V
Voltage - Supply, Dual (V±)	±15V	Switch Time (Ton, Toff) (Max)	89ns, 80ns
Switch Circuit	SPDT	Supplier Device Package	8-SOIC
Series	-	Packaging	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Other Names	DG419BDY-T1-E3-ND DG419BDY-T1-E3TR
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	25 Ohm
Number of Circuits	1	Multiplexer/Demultiplexer Circuit	2:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	1 Circuit IC Switch 2:1 25 Ohm 8-SOIC
Current - Leakage (IS(off)) (Max)	250pA	Crosstalk	-88dB @ 1MHz
Charge Injection	38pC	Channel-to-Channel Matching (ΔRon)	-
Channel Capacitance (CS(off), CD(off))	12pF, 12pF	Base Part Number	DG419
-3db Bandwidth	-		
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RELATED PRODUCTS			
	Part#: DG419CY+ Description: IC SWITCH SPDT 8SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG419BAK-E3 Description: IC ANALOG SWITCH CMOS 8DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG419DY Description: IC SWITCH SPDT 8SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG419CY Description: IC SWITCH SPDT 8SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG419CJ+ Description: IC SWITCH SPDT 8DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG419DJ Description: IC ANALOG SWITCH CMOS 8DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG419BDY Description: IC ANALOG SWITCH CMOS 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG419BAK Description: IC ANALOG SWITCH CMOS 8DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG419DJ-E3 Description: IC ANALOG SWITCH CMOS 8DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG419CJ Description: IC SWITCH SPDT 8DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG419BDY-T1 Description: IC ANALOG SWITCH CMOS 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG419DJ+ Description: IC SWITCH SPDT 8DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG419AK/883B Description: IC SWITCH SPDT 30 OHM 8CDIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG419AK-E3 Description: IC ANALOG SWITCH CMOS 8DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG419BDY-E3 Description: IC ANALOG SWITCH CMOS 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG419BDQ-T1-E3 Description: IC ANALOG SWITCH CMOS 8MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG419BDJ-E3 Description: IC ANALOG SWITCH CMOS 8DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG419CY+T Description: IC SWITCH SPDT 8SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG419DJ Description: IC SWITCH SPDT 8DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG419BDJ Description: IC ANALOG SWITCH CMOS 8DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

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