

DG419BDY-T1



Part Number: [DG419BDY-T1](#)

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

Description: IC ANALOG SWITCH CMOS 8SOIC

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

RoHs Status: Contains lead / RoHS non-compliant

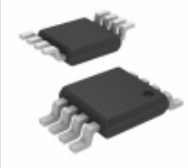
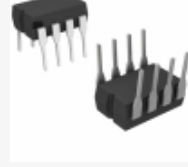
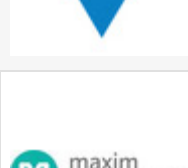
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PRODUCT PARAMETER			
Part Number	DG419BDY-T1	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC ANALOG SWITCH CMOS 8SOIC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5715 pcs	Data sheet	DG417-419B
Category	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)	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)
Lead Free Status / RoHS Status	Contains lead / RoHS non-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	-3db Bandwidth	-
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RELATED PRODUCTS			
	Part#: DG419CJ+ Description: IC SWITCH SPDT 8DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG419BDY-T1-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#: DG419AK 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#: DG419BAK-E3 Description: IC ANALOG SWITCH CMOS 8DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG419AK/883B Description: IC SWITCH SPDT 30 OHM 8CDIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG419DJ Description: IC SWITCH SPDT 8DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG419AK-E3 Description: IC ANALOG SWITCH CMOS 8DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG419BAK Description: IC ANALOG SWITCH CMOS 8DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG419DJ+ Description: IC SWITCH SPDT 8DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG419CY+ Description: IC SWITCH SPDT 8SOIC	Manufacturers: Maxim Integrated	RFQ
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	Part#: DG419CJ Description: IC SWITCH SPDT 8DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG419BDJ Description: IC ANALOG SWITCH CMOS 8DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

Related keywords for DG419BDY-T1			
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