

DG9421EDV-T1-GE3



Part Number: [DG9421EDV-T1-GE3](#)

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

Description: IC ANALOG SWITCH 6-TSOP

Data sheet:  [DG9421E, DG9422E Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

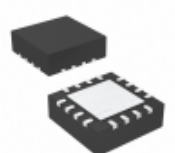
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PRODUCT PARAMETER			
Part Number	DG9421EDV-T1-GE3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC ANALOG SWITCH 6-TSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	85763 pcs	Data sheet	DG9421E, DG9422E Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	3 V ~ 16 V
Voltage - Supply, Dual (V±)	±3 V ~ 8 V	Switch Time (Ton, Toff) (Max)	36ns, 22ns
Switch Circuit	SPST - NC	Supplier Device Package	6-TSOP
Series	-	Packaging	Tape & Reel (TR)
Package / Case	SOT-23-6 Thin, TSOT-23-6	Other Names	DG9421EDV-T1-GE3-ND DG9421EDV-T1-GE3TR
Operating Temperature	-40°C ~ 85°C	On-State Resistance (Max)	3.2 Ohm
Number of Circuits	1	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	1 Circuit IC Switch 1:1 3.2 Ohm 6-TSOP
Current - Leakage (IS(off)) (Max)	1nA	Crosstalk	-
Charge Injection	19pC	Channel-to-Channel Matching (ΔRon)	-
Channel Capacitance (CS(off), CD(off))	34pF, 36pF	-3db Bandwidth	161MHz
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RELATED PRODUCTS			
	Part#: DG9408DN-T1-E4 Description: IC MUX ANA DUAL 8/4CH 16QFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9414DQ-T1-E3 Description: IC MULTIPLEXER DUAL 4X1 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9263DY-T1-E3 Description: IC SWITCH DUAL SPST 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9425EDQ-T1-GE3 Description: IC SWITCH QUAD SPST 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9422DV-T1-E3 Description: IC SWITCH SNGL SPST 5V 6TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9421DV-T1-E3 Description: IC SWITCH SGL 5V ON/OFF 6-TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9422EDV-T1-GE3 Description: IC ANALOG SWITCH 6-TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9425DQ-T1-E3 Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG9424DQ-T1 Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9409DN-T1-E4 Description: IC MUX ANA DUAL 8/4CH 16QFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9409EDN-T1-GE4 Description: IC ANLG SWITCH PREC 8CH 16QFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9424EDQ-T1-GE3 Description: IC SWITCH QUAD SPST 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9415DQ-T1-E3 Description: IC MULTIPLEXER DUAL 4X1 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9431DV-T1 Description: IC ANALOG SWITCH SPDT LV 6TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9408EDN-T1-GE4 Description: IC ANLG SWITCH PREC 8CH 16QFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9426EDQ-T1-GE3 Description: IC SWITCH QUAD SPST 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9411DL-T1-E3 Description: IC ANALOG SWITCH SPDT LV SC70-6	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9411EDL-T1-GE3 Description: IC ANALOG SWITCH SC70	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

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