

DG9425DQ-T1-E3



Part Number: [DG9425DQ-T1-E3](#)

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

Description IC SWITCH QUAD SPST 16TSSOP

Data sheet:  [DG9424,DG9425,DG9426](#)

RoHs Status: Lead free / RoHS Compliant

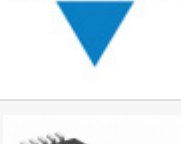
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PRODUCT PARAMETER			
Part Number	DG9425DQ-T1-E3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH QUAD SPST 16TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6026 pcs	Data sheet	DG9424,DG9425,DG9426
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)	51ns, 35ns
Switch Circuit	SPST - NC	Supplier Device Package	16-TSSOP
Series	-	Packaging	Tape & Reel (TR)
Package / Case	16-TSSOP (0.173", 4.40mm Width)	Other Names	DG9425DQ-T1-E3TR DG9425DQT1E3
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	3 Ohm
Number of Circuits	4	Multiplexer/Demultiplexer Circuit	1:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	4 Circuit IC Switch 1:1 3 Ohm 16-TSSOP	Current - Leakage (IS(off)) (Max)	1nA
Crosstalk	-77dB @ 1MHz	Charge Injection	38pC
Channel-to-Channel Matching (ΔRon)	-	Channel Capacitance (CS(off), CD(off))	49pF, 37pF
Base Part Number	DG9425	-3db Bandwidth	-
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RELATED PRODUCTS			
	Part#: DG9431DV-T1 Description: IC ANALOG SWITCH SPDT LV 6TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9431DV-T1-E3 Description: IC ANALOG SWITCH SPDT LV 6TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9411EDL-T1-GE3 Description: IC ANALOG SWITCH SC70	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9431DY-T1-E3 Description: IC ANALOG SWITCH SPDT LV 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9426EDQ-T1-GE3 Description: IC SWITCH QUAD SPST 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9421EDV-T1-GE3 Description: IC ANALOG SWITCH 6-TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9425EDQ-T1-GE3 Description: IC SWITCH QUAD SPST 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9431DY-E3 Description: IC ANALOG SWITCH SPDT LV 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9422EDV-T1-GE3 Description: IC ANALOG SWITCH 6-TSOP	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#: DG9431DY-T1 Description: IC ANALOG SWITCH SPDT LV 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9431EDY-GE3 Description: IC SWITCH SPDT LV 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9426DQ-T1-E3 Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9424EDQ-T1-GE3 Description: IC SWITCH QUAD SPST 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9424DQ-T1 Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9424DQ-T1-E3 Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9414DQ-T1-E3 Description: IC MULTIPLEXER DUAL 4X1 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9422DV-T1-E3 Description: IC SWITCH SNGL SPST 5V 6TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9431DY Description: IC ANALOG SWITCH SPDT LV 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9415DQ-T1-E3 Description: IC MULTIPLEXER DUAL 4X1 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

Related keywords for DG9425DQ-T1-E3			
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