

DG9431DY-T1-E3



Part Number: [DG9431DY-T1-E3](#)

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

Description IC ANALOG SWITCH SPDT LV 8SOIC

Data sheet:  [DG9431](#)

RoHs Status: Lead free / RoHS Compliant

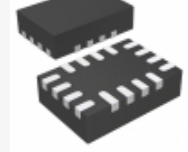
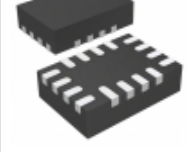
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PRODUCT PARAMETER			
Part Number	DG9431DY-T1-E3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC ANALOG SWITCH SPDT LV 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4299 pcs	Data sheet	DG9431
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	2.7 V ~ 5 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	75ns, 50ns
Switch Circuit	SPDT	Supplier Device Package	8-SOIC
Series	-	Packaging	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Other Names	DG9431DY-T1-E3-ND DG9431DY-T1-E3TR DG9431DYT1E3
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	30 Ohm
Number of Circuits	1	Multiplexer/Demultiplexer Circuit	2:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	1 Circuit IC Switch 2:1 30 Ohm 8-SOIC	Current - Leakage (IS(off)) (Max)	100pA
Crosstalk	-	Charge Injection	2pC
Channel-to-Channel Matching (ΔRon)	400 mOhm	Channel Capacitance (CS(off), CD(off))	7pF
Base Part Number	DG9431	-3db Bandwidth	-
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RELATED PRODUCTS			
	Part#: DG9425EDQ-T1-GE3 Description: IC SWITCH QUAD SPST 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9431DY-T1 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#: DG9425DQ-T1-E3 Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9433DS-T1-E3 Description: IC SWITCH DUAL SPST SOT23-8	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9451EN-T1-E4 Description: IC MUX 8CH DUAL 4CH 16QFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9431DV-T1 Description: IC ANALOG SWITCH SPDT LV 6TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9431DY Description: IC ANALOG SWITCH SPDT LV 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9453EN-T1-E4 Description: IC SWITCH DUAL SPST 16QFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9432DS-T1-E3 Description: IC SWITCH DUAL SPST SOT23-8	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9431EDY-T1-GE3 Description: IC SWITCH SPDT LV 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9434DQ-T1-E3 Description: IC SWITCH DUAL SPST 8MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9431EDY-GE3 Description: IC SWITCH SPDT LV 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9434DS-T1-E3 Description: IC SWITCH DUAL SPST SOT23-8	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9431DY-E3 Description: IC ANALOG SWITCH SPDT LV 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9431DV-T1-E3 Description: IC ANALOG SWITCH SPDT LV 6TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9432DQ-T1-E3 Description: IC SWITCH DUAL SPST 8MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9424EDQ-T1-GE3 Description: IC SWITCH QUAD SPST 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9433DQ-T1-E3 Description: IC SWITCH DUAL SPST 8MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG9426DQ-T1-E3 Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

Related keywords for DG9431DY-T1-E3			
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