


VISHAY.

Electro-Films (EFI) / Vishay

DG9431DY-T1-E3

Part Number: DG9431DY-T1-E3
 Manufacturer/Brand: Electro-Films (EFI) / Vishay
 Product description: IC ANALOG SWITCH SPDT LV 8SOIC
 Datasheets: [PDF DG9431DY-T1-E3.pdf](#)
 RoHS Status:  Lead free / RoHS Compliant
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.



Specifications of DG9431DY-T1-E3

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
DATA SHEET	PDF DG9431DY-T1-E3.pdf
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	-

Related Tags

Electro-Films (EFI) / Vishay DG9431DY-T1-E3	DG9431DY-T1-E3 Distributor	DG9431DY-T1-E3 Supplier
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Related Products

 <p>DG9431DY-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC ANALOG SWITCH SPDT LV 8SOIC In stock: Out stock RFQ</p>	 <p>DG9426EDQ-T1-GE3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH QUAD SPST 16-TSSOP In stock: Out stock RFQ</p>
 <p>DG9431DY Manufacturers: Electro-Films (EFI) / Vishay Description: IC ANALOG SWITCH SPDT LV 8SOIC In stock: Out stock RFQ</p>	 <p>DG9433DS-T1-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH DUAL SPST SOT23-8 In stock: Out stock RFQ</p>
 <p>DG9431DV-T1-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC ANALOG SWITCH SPDT LV 6TSSOP In stock: Out stock RFQ</p>	 <p>DG9431EDY-T1-GE3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH SPDT LV 8SOIC In stock: Out stock RFQ</p>
 <p>DG9431DY-T1 Manufacturers: Electro-Films (EFI) / Vishay Description: IC ANALOG SWITCH SPDT LV 8SOIC In stock: Out stock RFQ</p>	 <p>DG9431EDY-GE3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH SPDT LV 8SOIC In stock: Out stock RFQ</p>
 <p>DG9431DV-T1 Manufacturers: Electro-Films (EFI) / Vishay Description: IC ANALOG SWITCH SPDT LV 6TSSOP In stock: Out stock RFQ</p>	 <p>DG9432DQ-T1-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH DUAL SPST 8MSOP In stock: Out stock RFQ</p>
 <p>DG9433DQ-T1-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH DUAL SPST 8MSOP In stock: Out stock RFQ</p>	 <p>DG9432DS-T1-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH DUAL SPST SOT23-8 In stock: Out stock RFQ</p>