

DG401DY



Part Number: [DG401DY](#)

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

Description: IC ANALOG SWITCH SPDT 16SOIC

Data sheet:  [DG401,403,405](#)

RoHs Status: Contains lead / RoHS non-compliant

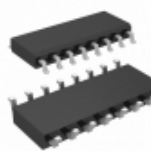
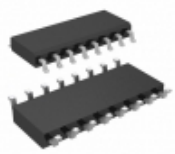
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Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	DG401DY	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC ANALOG SWITCH SPDT 16SOIC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5986 pcs	Data sheet	DG401,403,405
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	-
Voltage - Supply, Dual (V±)	±15V	Switch Time (Ton, Toff) (Max)	150ns, 100ns
Switch Circuit	SPST - NO	Supplier Device Package	16-SOIC
Series	-	Packaging	Tube
Package / Case	16-SOIC (0.154", 3.90mm Width)	Other Names	DG401DYVSI
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	45 Ohm
Number of Circuits	2	Multiplexer/Demultiplexer Circuit	1:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Detailed Description	2 Circuit IC Switch 1:1 45 Ohm 16-SOIC	Current - Leakage (IS(off)) (Max)	500pA
Crosstalk	-94.8dB @ 1MHz	Charge Injection	60pC
Channel-to-Channel Matching (ΔRon)	-	Channel Capacitance (CS(off), CD(off))	12pF, 12pF
-3db Bandwidth	-		
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RELATED PRODUCTS			
	Part#: DG401CY Description: IC SWITCH DUAL SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG401DJ Description: IC SWITCH DUAL SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG401DVZ-T Description: IC SWITCH DUAL SPST 16TSSOP	Manufacturers: Intersil	RFQ
	Part#: DG401DY-T Description: IC SWITCH DUAL SPST 16SOIC	Manufacturers: Intersil	RFQ
	Part#: DG401DVZ Description: IC SWITCH DUAL SPST 16TSSOP	Manufacturers: Intersil	RFQ
	Part#: DG401DY-E3 Description: IC ANALOG SWITCH SPDT 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG401DY Description: IC SWITCH DUAL SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG401CJ Description: IC SWITCH DUAL SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG401DYZ Description: IC SWITCH DUAL SPST 16SOIC	Manufacturers: Intersil	RFQ
	Part#: DG401DYZ-T Description: IC SWITCH DUAL SPST 16SOIC	Manufacturers: Intersil	RFQ
	Part#: DG403410 Description: THERMISTOR NTC 40KOHM 4201K BEAD	Manufacturers: Ametherm	RFQ
	Part#: DG401DY Description: IC SWITCH DUAL SPST 16SOIC	Manufacturers: Intersil	RFQ
	Part#: DG401DJ Description: IC ANALOG SWITCH SPDT 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG401CJ+ Description: IC SWITCH DUAL SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG401DY-T1-E3 Description: IC ANALOG SWITCH SPDT 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG401DY+T Description: IC SWITCH DUAL SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG401DY-T1 Description: IC ANALOG SWITCH SPDT 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG401DJ-E3 Description: IC ANALOG SWITCH SPDT 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG401DY+ Description: IC SWITCH DUAL SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG401DJ+ Description: IC SWITCH DUAL SPST 16DIP	Manufacturers: Maxim Integrated	RFQ

Related keywords for DG401DY			
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