

DG442BDY-T1-E3



Part Number: [DG442BDY-T1-E3](#)

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

Description: IC SWITCH QUAD SPST 16SOIC

Data sheet:  [DG441,442B](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

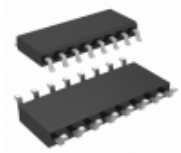
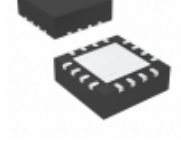
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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DG442BDY-T1-E3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH QUAD SPST 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	86249 pcs	Data sheet	DG441,442B
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	12V
Voltage - Supply, Dual (V±)	±15V	Switch Time (Ton, Toff) (Max)	220ns, 120ns
Switch Circuit	SPST - NO	Supplier Device Package	16-SOIC
Series	-	Packaging	Tape & Reel (TR)
Package / Case	16-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	80 Ohm	Number of Circuits	4
Multiplexer/Demultiplexer Circuit	1:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	11 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	4 Circuit IC Switch 1:1 80 Ohm 16-SOIC	Current - Leakage (IS(off)) (Max)	500pA
Crosstalk	-95dB @ 100kHz	Charge Injection	-1pC
Channel-to-Channel Matching (ΔRon)	2 Ohm	Channel Capacitance (CS(off), CD(off))	4pF, 4pF
Base Part Number	DG442	-3db Bandwidth	-

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RFQ Email: info@Components-World.com

RELATED PRODUCTS			
	Part#: DG442DJ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG442BDJ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG442CY Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG442DJ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG442DJ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Intersil	RFQ
	Part#: DG441LEDY-T1-GE3 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG442BDY-T1 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG442CJ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG442BDN-T1-E4 Description: IC SWITCH QUAD SPST 16QFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG442AK/883B Description: IC SWITCH SPST 85 OHM 16CDIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG442BDJ-E3 Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG442CY+T Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG442DJ+ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
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	Part#: DG442DJ-E3 Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG442CJ+ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Maxim Integrated	RFQ

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