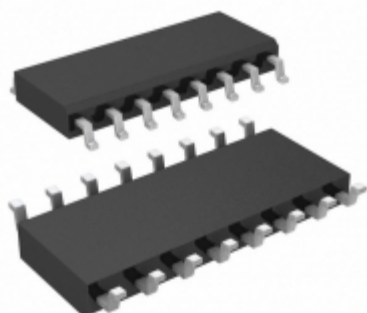


DG441CY+T





Part Number:

DG441CY+T

Manufacturer:

Maxim Integrated

Description:

IC SWITCH QUAD SPST 16SOIC

Data sheet:

 [DG441-42](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

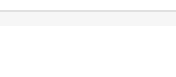
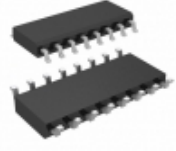
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DG441CY+T	Manufacturer	Maxim Integrated
Description	IC SWITCH QUAD SPST 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	30597 pcs	Data sheet	DG441-42
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	10 V ~ 30 V
Voltage - Supply, Dual (V±)	±4.5 V ~ 20 V	Switch Time (Ton, Toff) (Max)	250ns, 120ns
Switch Circuit	SPST - NC	Supplier Device Package	16-SO
Series	-	Packaging	Tape & Reel (TR)
Package / Case	16-SOIC (0.154", 3.90mm Width)	Operating Temperature	0°C ~ 70°C (TA)
On-State Resistance (Max)	85 Ohm	Number of Circuits	4
Multiplexer/Demultiplexer Circuit	1:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	4 Circuit IC Switch 1:1 85 Ohm 16-SO	Current - Leakage (IS(off)) (Max)	500pA
Crosstalk	-100dB @ 1MHz	Charge Injection	5pC
Channel-to-Channel Matching (ΔRon)	4 Ohm (Max)	Channel Capacitance (CS(off), CD(off))	4pF, 4pF
Base Part Number	DG441	-3db Bandwidth	-
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RELATED PRODUCTS			
	Part#: DG441DJ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG441BDY-T1-E3 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG441DK Description: IC ANALOG SWITCH	Manufacturers: Maxim Integrated	RFQ
	Part#: DG441DVZ Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Intersil	RFQ
	Part#: DG441DJ-E3 Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG441DJ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
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	Part#: DG441DVZ-T Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Intersil	RFQ
	Part#: DG441DY Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG441BDY-T1 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG441BDY Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG441CY+ Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG441BDY-E3 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG441BDN-T1-E4 Description: IC SWITCH QUAD SPST 16QFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG441C/D Description: IC ANLG SWITCH SPST QUAD	Manufacturers: Maxim Integrated	RFQ
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	Part#: DG441DJ+ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
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	Part#: DG441CJ+ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG441CY Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ

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