

DG445DY+T



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Part Number: [DG445DY+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH QUAD SPST 16SOIC

Data sheet:  [DG444,45](#)

RoHs Status: Lead free / RoHS Compliant

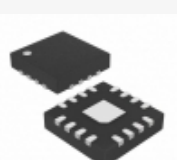
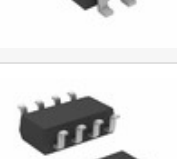
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DG445DY+T	Manufacturer	Maxim Integrated
Description	IC SWITCH QUAD SPST 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	39744 pcs	Data sheet	DG444,45
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, 170ns
Switch Circuit	SPST - NO	Supplier Device Package	16-SO
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)	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	DG445	-3db Bandwidth	-

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RELATED PRODUCTS			
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	Part#: DG445DY Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Intersil	RFQ
	Part#: DG445DJ-E3 Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG445ETE+ Description: IC SWITCH QUAD SPST 16TQFN	Manufacturers: Maxim Integrated	RFQ
	Part#: DG445DYZ Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Intersil	RFQ
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	Part#: DG445DVZ Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Intersil	RFQ
	Part#: DG445DY Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG445DY Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG445DY-T1-E3 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

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