

MAX4742EUA+T





Part Number: [MAX4742EUA+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH ANGL DUAL SPST 8UMAX

Data sheet:  [Part Numbering System](#)
 [MAX741-43](#)

RoHs Status: Lead free / RoHS Compliant

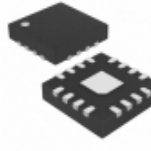
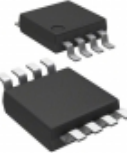
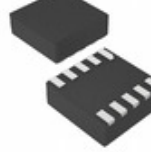
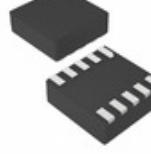
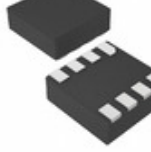
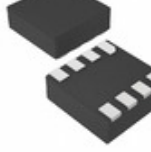
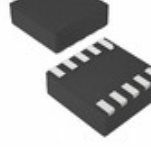
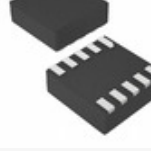
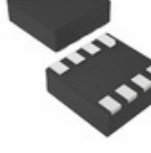
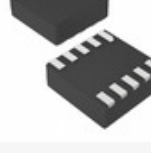
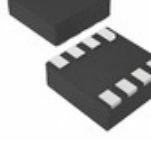
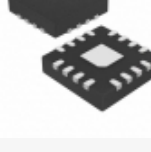
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MAX4742EUA+T	Manufacturer	Maxim Integrated
Description	IC SWITCH ANGL DUAL SPST 8UMAX	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5462 pcs	Data sheet	Part Numbering System MAX741-43
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	1.6 V ~ 3.6 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	24ns, 16ns
Switch Circuit	SPST - NC	Supplier Device Package	8-uMAX
Series	-	Packaging	Tape & Reel (TR)
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	800 mOhm	Number of Circuits	2
Multiplexer/Demultiplexer Circuit	1:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	2 Circuit IC Switch 1:1 800 mOhm 8-uMAX
Current - Leakage (IS(off)) (Max)	1nA	Crosstalk	-110dB @ 1MHz
Charge Injection	28pC	Channel-to-Channel Matching (ΔRon)	50 mOhm
Channel Capacitance (CS(off), CD(off))	32pF, 32pF	Base Part Number	MAX4742
-3db Bandwidth	100MHz		
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RELATED PRODUCTS			
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	Part#: MAX4742EUA+ Description: IC SWITCH ANLG DUAL SPST 8UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4745HELB+ Description: IC ANALOG SWITCH	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4744HELB+T Description: IC SWITCH DUAL SPDT 10UDFN	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4742EKA+T Description: IC SWITCH DUAL SPST SOT23-8	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4745ELB+T Description: IC SWITCH DUAL SPDT 10UDFN	Manufacturers: Maxim Integrated	RFQ
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