

MAX4542EUA+T



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maxim
integrated™

Part Number: [MAX4542EUA+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH DUAL SPST 8UMAX

Data sheet:  [MAX4541-44](#)
 [Part Numbering System](#)

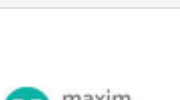
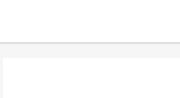
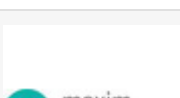
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

PRODUCT PARAMETER			
Part Number	MAX4542EUA+T	Manufacturer	Maxim Integrated
Description	IC SWITCH DUAL SPST 8UMAX	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	73743 pcs	Data sheet	MAX4541-44 Part Numbering System
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	2.7 V ~ 12 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	100ns, 75ns
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)	60 Ohm	Number of Circuits	2
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	2 Circuit IC Switch 1:1 60 Ohm 8-uMAX	Current - Leakage (IS(off)) (Max)	100pA
Crosstalk	-90dB @ 1MHz	Charge Injection	1pC
Channel-to-Channel Matching (ΔRon)	800 mOhm	Channel Capacitance (CS(off), CD(off))	8pF, 8pF
Base Part Number	MAX4542	-3db Bandwidth	-
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