

MAX4542ESA



Part Number: [MAX4542ESA](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH DUAL SPST 8SOIC

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

RoHs Status: Contains lead / RoHS non-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	MAX4542ESA	Manufacturer	Maxim Integrated
Description	IC SWITCH DUAL SPST 8SOIC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4026 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-SOIC
Series	-	Packaging	Tube
Package / Case	8-SOIC (0.154", 3.90mm 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)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Detailed Description	2 Circuit IC Switch 1:1 60 Ohm 8-SOIC
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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RELATED PRODUCTS			
	Part#: MAX4542CPA Description: IC SW DUAL ANLG SPST N/C 8-DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4543CUA Description: IC SW ANLG SPST N/O-N/C 8-MSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4541EUA+ Description: IC SWITCH DUAL SPST 8UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4543EKA+T Description: IC SWITCH DUAL SPST SOT23-8	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4541EUA+T Description: IC SWITCH DUAL SPST 8UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4541EUA Description: IC SWITCH DUAL SPST 8UMAX	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX4543EKA-T Description: IC SWITCH DUAL SPST SOT23-8	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4542EUA+ Description: IC SWITCH DUAL SPST 8UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4542EKA+T Description: IC SWITCH DUAL SPST SOT23-8	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX4542CSA+ Description: IC SWITCH DUAL SPST 8SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4542EKA-T Description: IC SWITCH DUAL SPST SOT23-8	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4542CUA Description: IC SW DUAL ANLG SPST N/C 8-MSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4543CPA Description: IC SW ANLG SPST N/O-N/C 8-DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4542ESA+ Description: IC SWITCH DUAL SPST 8SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4542EUA+T Description: IC SWITCH DUAL SPST 8UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4543CSA Description: IC SW ANLG SPST N/O-N/C 8-SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4542EUA Description: IC SWITCH DUAL SPST 8UMAX	Manufacturers: Maxim Integrated	RFQ

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