

MAX312EUE



Part Number: [MAX312EUE](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH QUAD SPST 16TSSOP

Data sheet:  [MAX312-314](#)
 [Part Numbering System](#)

RoHs Status: Contains lead / RoHS non-compliant

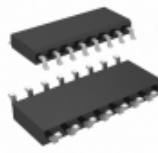
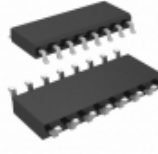
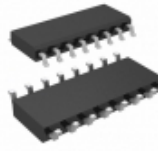
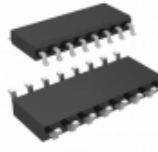
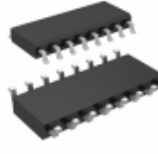
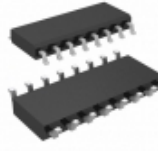
Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	MAX312EUE	Manufacturer	Maxim Integrated
Description	IC SWITCH QUAD SPST 16TSSOP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4249 pcs	Data sheet	MAX312-314 Part Numbering System
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	4.5 V ~ 30 V
Voltage - Supply, Dual (V±)	±4.5 V ~ 20 V	Switch Time (Ton, Toff) (Max)	225ns, 185ns
Switch Circuit	SPST - NC	Supplier Device Package	16-TSSOP
Series	-	Packaging	Tube
Package / Case	16-TSSOP (0.173", 4.40mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	10 Ohm	Number of Circuits	4
Multiplexer/Demultiplexer Circuit	1:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Detailed Description	4 Circuit IC Switch 1:1 10 Ohm 16-TSSOP
Current - Leakage (IS(off)) (Max)	500pA	Crosstalk	-85dB @ 1MHz
Charge Injection	20pC	Channel-to-Channel Matching (ΔRon)	300 mOhm
Channel Capacitance (CS(off), CD(off))	15pF, 15pF	Base Part Number	MAX312
-3db Bandwidth	-		
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RELATED PRODUCTS			
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	Part#: MAX312LCSE+ Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX312EPE+ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
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