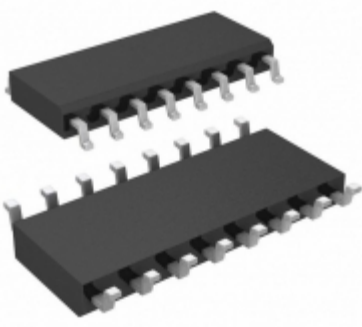


MAX312ESE-T





Part Number:

MAX312ESE-T

Manufacturer:

Maxim Integrated

Description:

IC SWITCH QUAD SPST 16SOIC

Data sheet:

 [MAX312-314](#)
 [Part Numbering System](#)

RoHs Status:

Contains lead / RoHS non-compliant

Ship From:

Hong Kong

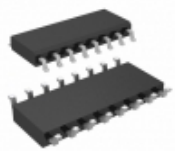
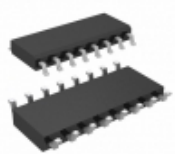
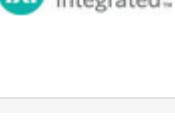
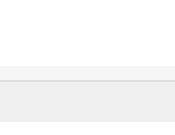
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MAX312ESE-T	Manufacturer	Maxim Integrated
Description	IC SWITCH QUAD SPST 16SOIC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4451 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-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)	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-SO
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			
	Part#: MAX312CSE+T Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX3120EUA+T Description: IC TXRX INFRARED IRDA 8-UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX312CUE+ Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX312LCSE+ Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX312EUE+ Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX312CPE+ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX312FESE+T Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX312EUE Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX312LCUE+ Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX312EPE+ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Maxim Integrated	RFQ

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