

MAX313EPE+



Part Number: [MAX313EPE+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH QUAD SPST 16DIP

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

RoHs Status: Lead free / RoHS Compliant

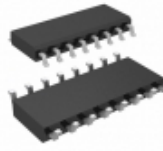
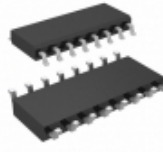
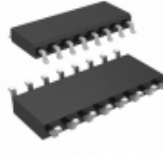
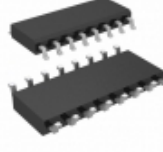
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	MAX313EPE+	Manufacturer	Maxim Integrated
Description	IC SWITCH QUAD SPST 16DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5651 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 - NO	Supplier Device Package	16-PDIP
Series	-	Packaging	Tube
Package / Case	16-DIP (0.300", 7.62mm)	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)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	4 Circuit IC Switch 1:1 10 Ohm 16-PDIP	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	MAX313	-3db Bandwidth	-
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	Part#: MAX313CUE+ Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX313ESE+T Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX313CSE+T Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX313CUE+T Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Maxim Integrated	RFQ
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