

MAX314CPE+



Part Number: [MAX314CPE+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH QUAD SPST 16DIP

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

RoHs Status: Lead free / RoHS Compliant

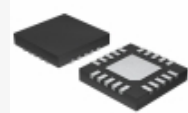
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MAX314CPE+	Manufacturer	Maxim Integrated
Description	IC SWITCH QUAD SPST 16DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	15882 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/NC	Supplier Device Package	16-PDIP
Series	-	Packaging	Tube
Package / Case	16-DIP (0.300", 7.62mm)	Operating Temperature	0°C ~ 70°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	MAX314	-3db Bandwidth	-
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	Part#: MAX314EPE+ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX314CSE+T Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX313LETP+T Description: IC SWITCH QUAD SPST 120TQFN	Manufacturers: Maxim Integrated	RFQ
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