

MAX4616CSD+



Part Number: [MAX4616CSD+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH QUAD SPST 14SOIC

Data sheet:  [MAX4614-16](#)
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

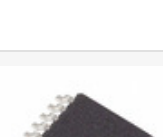
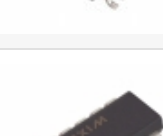
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PRODUCT PARAMETER			
Part Number	MAX4616CSD+	Manufacturer	Maxim Integrated
Description	IC SWITCH QUAD SPST 14SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	69595 pcs	Data sheet	MAX4614-16 Part Numbering System
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	2 V ~ 5.5 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	12ns, 10ns
Switch Circuit	SPST - NO/NC	Supplier Device Package	14-SOIC
Series	-	Packaging	Tube
Package / Case	14-SOIC (0.154", 3.90mm Width)	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 14-SOIC	Current - Leakage (IS(off)) (Max)	1nA
Crosstalk	-96dB @ 100kHz	Charge Injection	6.5pC
Channel-to-Channel Matching (ΔRon)	200 mOhm	Channel Capacitance (CS(off), CD(off))	5pF, 5pF
Base Part Number	MAX4616	-3db Bandwidth	70MHz
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	Part#: MAX4616CUD+T Description: IC SWITCH QUAD SPST 14TSSOP	Manufacturers: Maxim Integrated	RFQ
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