

IH5142CWE



Part Number: [IH5142CWE](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH SPDT 16SOIC

Data sheet:  [IH5140-45](#)

RoHs Status: Contains lead / RoHS non-compliant

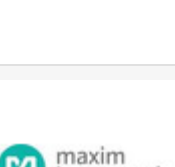
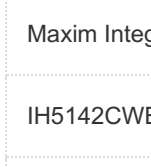
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Request For Quotation

PRODUCT PARAMETER			
Part Number	IH5142CWE	Manufacturer	Maxim Integrated
Description	IC SWITCH SPDT 16SOIC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	19924 pcs	Data sheet	IH5140-45
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	-
Voltage - Supply, Dual (V±)	±4.5 V ~ 18 V	Switch Time (Ton, Toff) (Max)	300ns, 150ns
Switch Circuit	SPDT	Supplier Device Package	16-SOIC
Series	-	Packaging	Tube
Package / Case	16-SOIC (0.295", 7.50mm Width)	Operating Temperature	0°C ~ 70°C (TA)
On-State Resistance (Max)	100 Ohm	Number of Circuits	1
Multiplexer/Demultiplexer Circuit	2:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Detailed Description	1 Circuit IC Switch 2:1 100 Ohm 16-SOIC
Current - Leakage (IS(off)) (Max)	100nA	Crosstalk	-
Charge Injection	15pC	Channel-to-Channel Matching (ΔRon)	5 Ohm
Channel Capacitance (CS(off), CD(off))	-	Base Part Number	IH5142
-3db Bandwidth	-		
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RELATED PRODUCTS			
	Part#: IH5140CWE Description: IC SW ANLG LP CMOS N/O 16-SOIC	Manufacturers: Maxim Integrated	RFQ
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	Part#: IH5341CPD Description: IC VIDEO SW DUAL RF N/O 14-DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: IH5141CPE+ Description: IC SWITCH DUAL SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
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	Part#: IH5143CWE Description: IC SWITCH DUAL SPDT 16SOIC	Manufacturers: Maxim Integrated	RFQ
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