

IH5142CPE



Part Number: [IH5142CPE](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH SPDT 16DIP

Data sheet:  [IH5140-IH5145](#)

RoHs Status: Contains lead / RoHS non-compliant

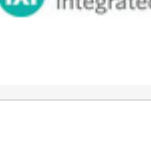
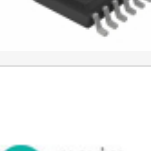
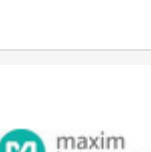
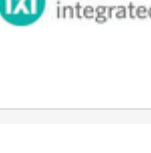
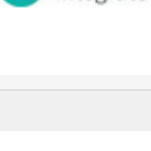
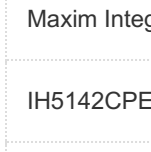
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PRODUCT PARAMETER			
Part Number	IH5142CPE	Manufacturer	Maxim Integrated
Description	IC SWITCH SPDT 16DIP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5607 pcs	Data sheet	IH5140-IH5145
Category	Integrated Circuits (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-PDIP
Series	-	Packaging	Tube
Package / Case	16-DIP (0.300", 7.62mm)	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-PDIP
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#: IH5143CWE+ Description: IC SWITCH DUAL SPDT 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: IH5143CPE Description: IC SWITCH DUAL SPDT 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: IH5140CWE Description: IC SW ANLG LP CMOS N/O 16-SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: IH5143C/D Description: IC SWITCH SPST CMOS	Manufacturers: Maxim Integrated	RFQ
	Part#: IH5141CWE Description: IC SW DUAL LP CMOS N/O 16-SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: IH5140CPE Description: IC SWITCH SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: IH5141CPE Description: IC SWITCH DUAL SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
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	Part#: IH5145CPE+ Description: IC SWITCH DUAL DPST 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: IH5051CWE Description: IC SW CMOS ANLG DUAL SPDT 16SOIC	Manufacturers: Maxim Integrated	RFQ
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	Part#: IH5142CPE+ Description: IC SWITCH SPDT 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: IH5051MJE/883B Description: IC SWITCH DUAL SPST COTS	Manufacturers: Maxim Integrated	RFQ
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	Part#: IH5051CPE Description: IC SWITCH DUAL SPDT 16DIP	Manufacturers: Maxim Integrated	RFQ

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