

MAX4581CPE



Part Number: [MAX4581CPE](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MULTIPLEXER 8X1 16DIP

Data sheet:  [MAX4581-83](#)

RoHS Status: Contains lead / RoHS non-compliant

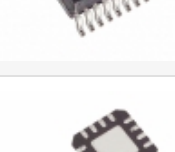
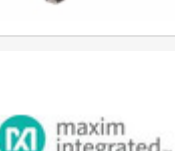
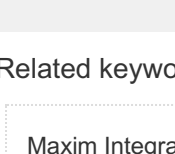
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	MAX4581CPE	Manufacturer	Maxim Integrated
Description	IC MULTIPLEXER 8X1 16DIP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5727 pcs	Data sheet	MAX4581-83
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	2 V ~ 12 V
Voltage - Supply, Dual (V±)	±2 V ~ 6 V	Switch Time (Ton, Toff) (Max)	200ns, 100ns
Switch Circuit	-	Series	-
Operating Temperature	0°C ~ 70°C (TA)	On-State Resistance (Max)	80 Ohm
Number of Circuits	1	Multiplexer/Demultiplexer Circuit	8:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Detailed Description	1 Circuit IC Switch 8:1 80 Ohm	Current - Leakage (IS(off)) (Max)	1nA
Crosstalk	-78dB @ 1MHz	Charge Injection	0.5pC
Channel-to-Channel Matching (ΔRon)	1 Ohm	Channel Capacitance (CS(off), CD(off))	4pF, 18pF
-3db Bandwidth	-		
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	Part#: MAX4580EAE+T Description: IC SWITCH DUAL SPST 16SSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4581CSE+ Description: IC MULTIPLEXER 8X1 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4581EPE+ Description: IC MULTIPLEXER 8X1 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4581EEE+T Description: IC MULTIPLEXER 8X1 16QSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4581CEE+T Description: IC MULTIPLEXER 8X1 16QSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4581CUE+ Description: IC MULTIPLEXER 8X1 16TSSOP	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX4581AUE+ Description: IC MULTIPLEXER 8X1 16TSSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4581CEE+ Description: IC MULTIPLEXER 8X1 16QSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4580EPE Description: IC SW DUAL ANLG CMOS SPST 16-DIP	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX4581AUE+T Description: IC MULTIPLEXER 8X1 16TSSOP	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX4581ASE+ Description: IC MULTIPLEXER 8X1 16SOIC	Manufacturers: Maxim Integrated	RFQ

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