

MAX4582CPE



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Part Number: [MAX4582CPE](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MULTIPLEXER DUAL 4X1 16DIP

Data sheet:  [MAX4581-83](#)
 [Part Numbering System](#)

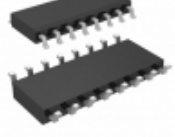
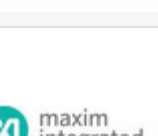
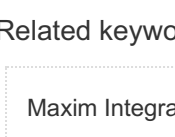
RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	MAX4582CPE	Manufacturer	Maxim Integrated
Description	IC MULTIPLEXER DUAL 4X1 16DIP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	3994 pcs	Data sheet	MAX4581-83 Part Numbering System
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	SP4T	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)	80 Ohm	Number of Circuits	2
Multiplexer/Demultiplexer Circuit	4:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Detailed Description	2 Circuit IC Switch 4:1 80 Ohm 16-PDIP
Current - Leakage (IS(off)) (Max)	1nA	Crosstalk	-96dB @ 1MHz
Charge Injection	0.5pC	Channel-to-Channel Matching (ΔRon)	1 Ohm
Channel Capacitance (CS(off), CD(off))	4pF, 10pF	Base Part Number	MAX4582
-3db Bandwidth	-		
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	Part#: MAX4582AUE+T Description: IC MULTIPLEXER DUAL 4X1 16TSSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4582EEE Description: IC MULTIPLEXER DUAL 4X1 16QSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4582CPE+ Description: IC MULTIPLEXER DUAL 4X1 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4582CSE+ Description: IC MULTIPLEXER DUAL 4X1 16SOIC	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX4582ASE+ Description: IC MULTIPLEXER DUAL 4X1 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4582CSE+T Description: IC MULTIPLEXER DUAL 4X1 16SOIC	Manufacturers: Maxim Integrated	RFQ
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