

MAX382CPN



Part Number: [MAX382CPN](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MULTIPLEXER 8X1 18DIP

Data sheet:  [MAX382,384](#)
 [Part Numbering System](#)

RoHs Status: Contains lead / RoHS non-compliant

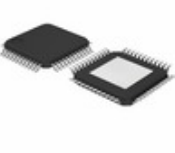
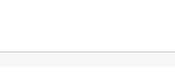
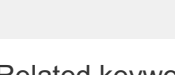
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	MAX382CPN	Manufacturer	Maxim Integrated
Description	IC MULTIPLEXER 8X1 18DIP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5712 pcs	Data sheet	MAX382,384 Part Numbering System
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	2.7 V ~ 16.5 V
Voltage - Supply, Dual (V±)	±3 V ~ 8 V	Switch Time (Ton, Toff) (Max)	150ns, 150ns
Switch Circuit	-	Supplier Device Package	18-PDIP
Series	-	Packaging	Tube
Package / Case	18-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	8:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Detailed Description	1 Circuit IC Switch 8:1 100 Ohm 18-PDIP
Current - Leakage (IS(off)) (Max)	200pA	Crosstalk	-92dB @ 100kHz
Charge Injection	2pC	Channel-to-Channel Matching (ΔRon)	4 Ohm (Max)
Channel Capacitance (CS(off), CD(off))	11pF, 40pF	Base Part Number	MAX382
-3db Bandwidth	-		
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RELATED PRODUCTS			
	Part#: MAX3816ACUE+ Description: IC I2C 2WIRE EXTENDER 16-TSSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX383CSE Description: IC SWITCH DUAL SPDT 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX383BEPE Description: IC SWITCH DUAL SPDT 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX382CWN+T Description: IC MULTIPLEXER 8X1 18SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX3816CUE+ Description: IC I2C 2WIRE EXTENDER DDC-DVI	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX3822UCM+ Description: IC AMP LIMIT QUAD 48TQFP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX382CWN Description: IC MULTIPLEXER 8X1 18SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX382EPN Description: IC MUX 8CH DUAL 4CH LTCHBL 18DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX382CWN+ Description: IC MULTIPLEXER 8X1 18SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX382EWN+ Description: IC MUX 8CH DUAL 4CH 18SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX381CPE Description: IC SW ANLG PREC LV SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX383CPE+ Description: IC SWITCH DUAL SPDT 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX3822UCM+T Description: IC AMP LIMIT QUAD 48TQFP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX381CPE+ Description: IC SWITCH SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX382EWN Description: IC MUX 8CH DUAL4CH LTCHBL 18SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX3816ACUE+T Description: IC I2C 2WIRE EXTENDER 16-TSSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX383CSE+ Description: IC SWITCH DUAL SPDT 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX381CSE+T Description: IC SWITCH SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX381CSE+ Description: IC SWITCH SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX3816CUE+T Description: IC I2C 2WIRE EXTENDER DDC-DVI	Manufacturers: Maxim Integrated	RFQ

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