

MAX1312ECM+



Part Number: [MAX1312ECM+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC 12BIT 8CH 456KSPS 48LQFP

Data sheet:  [MAX1304-14](#)
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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Request For Quotation

PRODUCT PARAMETER			
Part Number	MAX1312ECM+	Manufacturer	Maxim Integrated
Description	IC ADC 12BIT 8CH 456KSPS 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5454 pcs	Data sheet	MAX1304-14 Part Numbering System
Category	Integrated Circuits (ICs)	Voltage - Supply, Digital	2.7 V ~ 5.25 V
Voltage - Supply, Analog	5V	Supplier Device Package	48-LQFP/48-TQFP (7x7)
Series	-	Sampling Rate (Per Second)	456k
Reference Type	External, Internal	Ratio - S/H:ADC	8:1
Packaging	Tube	Package / Case	48-LQFP
Operating Temperature	-40°C ~ 85°C	Number of Inputs	8
Number of Bits	12	Number of A/D Converters	1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Input Type	Single Ended
Features	Simultaneous Sampling	Detailed Description	12 Bit Analog to Digital Converter 8 Input 1 SAR 48-LQFP/48-TQFP (7x7)
Data Interface	Parallel	Configuration	MUX-S/H-ADC
Base Part Number	MAX1312	Architecture	SAR

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	Part#: MAX1314ECM+ Description: IC ADC 12BIT 2CH 901KSPS 48LQFP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1316ECM+T Description: IC ADC 14BIT 4CH 357KSPS 48LQFP	Manufacturers: Maxim Integrated	RFQ
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