

MAX1422ECM+D



Part Number: [MAX1422ECM+D](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC 12BIT 20MSPS 48LQFP

Data sheet:  [MAX1422](#)
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

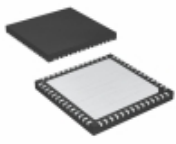
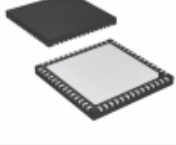
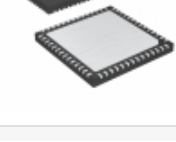
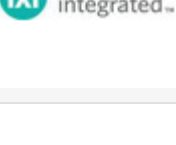
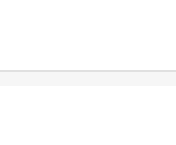
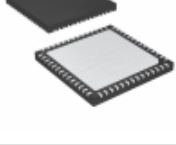
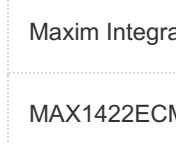
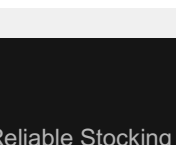
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PRODUCT PARAMETER			
Part Number	MAX1422ECM+D	Manufacturer	Maxim Integrated
Description	IC ADC 12BIT 20MSPS 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	11445 pcs	Data sheet	MAX1422 Part Numbering System
Category	Integrated Circuits (ICs)	Voltage - Supply, Digital	2.7 V ~ 3.63 V
Voltage - Supply, Analog	3.138 V ~ 3.465 V	Supplier Device Package	48-LQFP/48-TQFP (7x7)
Series	-	Sampling Rate (Per Second)	20M
Reference Type	External, Internal	Ratio - S/H:ADC	1:1
Packaging	Tray	Package / Case	48-LQFP
Operating Temperature	-40°C ~ 85°C	Number of Inputs	1
Number of Bits	12	Number of A/D Converters	1
Moisture Sensitivity Level (MSL)	2 (1 Year)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Type	Differential, Single Ended	Features	-
Detailed Description	12 Bit Analog to Digital Converter 1 Input 1 Pipelined 48-LQFP/48-TQFP (7x7)	Data Interface	Parallel
Configuration	S/H-ADC	Base Part Number	MAX1422
Architecture	Pipelined		
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RELATED PRODUCTS			
	Part#: MAX1428ETN+D Description: IC ADC 15BIT 80MSPS 56-TQFN	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1420ECM+T Description: IC ADC 12BIT 60MSPS 48LQFP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1422CCM+TD Description: IC ADC 12BIT 20MSPS 48LQFP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1427ETN+D Description: IC ADC 15BIT 80MSPS 56-TQFN	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1420ECM+TD Description: IC ADC 12BIT 60MSPS 48LQFP	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX1421CCM+D Description: IC ADC 12BIT 40MSPS 48LQFP	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX1430ETN+D Description: IC ADC 15BIT 100MSPS 56-TQFN	Manufacturers: Maxim Integrated	RFQ
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