

MAX1437ECQ+TD



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Part Number: [MAX1437ECQ+TD](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC 12BIT 50MSPS 100-TQFP

Data sheet:  [MAX1437](#)
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

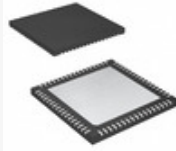
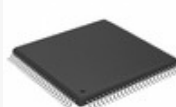
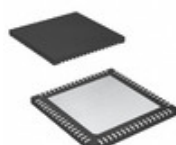
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MAX1437ECQ+TD	Manufacturer	Maxim Integrated
Description	IC ADC 12BIT 50MSPS 100-TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	1362 pcs	Data sheet	MAX1437 Part Numbering System
Category	Integrated Circuits (ICs)	Voltage - Supply, Digital	1.7 V ~ 1.9 V
Voltage - Supply, Analog	1.7 V ~ 1.9 V	Supplier Device Package	100-TQFP (14x14)
Series	-	Sampling Rate (Per Second)	50M
Reference Type	External, Internal	Ratio - S/H:ADC	1:1
Packaging	Tape & Reel (TR)	Package / Case	100-TQFP Exposed Pad
Operating Temperature	-40°C ~ 85°C	Number of Inputs	8
Number of Bits	12	Number of A/D Converters	8
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	16 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Input Type	Differential
Features	Simultaneous Sampling	Detailed Description	12 Bit Analog to Digital Converter 8 Input 8 Pipelined 100-TQFP (14x14)
Data Interface	LVDS - Serial	Configuration	S/H-ADC
Base Part Number	MAX1437	Architecture	Pipelined

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	Part#: MAX14435FWEVKIT# Description: EVAL KIT MAX14435 DGTL ISO 5KV	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1434ECQ+D Description: IC ADC 10BIT 50MSPS 100-TQFP	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX1436ECQ+D Description: IC ADC 10BIT 40MSPS 100-TQFP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1438BETK+T Description: IC ADC 12BIT 34MSPS 68TQFN	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX1436BECQ+D Description: IC ADC 10BIT 40MSPS 100-TQFP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX14432FASE+T Description: 4-CHANNEL, LOW POWER, 3.75KV DIG	Manufacturers: Maxim Integrated	RFQ
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