

MAX1437ECQ+D



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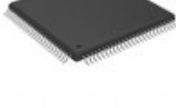
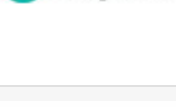
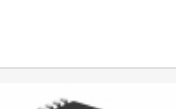


Part Number: [MAX1437ECQ+D](#)
Manufacturer: [Maxim Integrated](#)
Description: IC ADC 12BIT 50MSPS 100-TQFP
Data sheet:  [MAX1437](#)
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	MAX1437ECQ+D	Manufacturer	Maxim Integrated
Description	IC ADC 12BIT 50MSPS 100-TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	1069 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	Tray	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	6 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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