



MAX1316ECM+T

Part Number: **MAX1316ECM+T**
 Product Description: IC ADC 14BIT 4CH 357KSPS 48LQFP
 RoHs Status: Lead free / RoHS Compliant
 Datasheets: [1.MAX1316ECM+T.pdf](#)
[2.MAX1316ECM+T.pdf](#)

Manufacturer/Brand: Maxim Integrated
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Image may be representation.
 See specifications for product details.

Product details

Part Number	MAX1316ECM+T	Manufacturer	Maxim Integrated
Description	IC ADC 14BIT 4CH 357KSPS 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	1.MAX1316ECM+T.pdf2.MAX1316ECM+T.pdf		
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)	250k	Reference Type	External, Internal
Ratio - S/H:ADC	8:1	Packaging	Tape & Reel (TR)
Package / Case	48-LQFP	Operating Temperature	-40°C ~ 85°C
Number of Inputs	8	Number of Bits	14
Number of A/D Converters	1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	21 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Type	Single Ended	Features	Simultaneous Sampling
Detailed Description	14 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	MAX1316
Architecture	SAR		

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