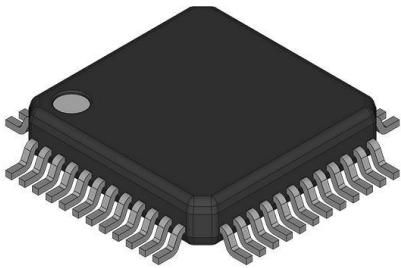


# MAX1320ECM Datasheet

[www.digi-electronics.com](http://www.digi-electronics.com)



<https://www.DiGi-Electronics.com>

DiGi Electronics Part Number	MAX1320ECM-DG
Manufacturer	<a href="#">Analog Devices Inc./Maxim Integrated</a>
Manufacturer Product Number	MAX1320ECM
Description	8-CHANNEL, 14-BIT ADC
Detailed Description	14 Bit Analog to Digital Converter 8 Input 1 SAR 48-LQFP (7x7)

This model (MAX1320ECM) is available at DiGi Electronics.

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## Purchase and inquiry

Manufacturer Product Number:

MAX1320ECM

Series:

-

Number of Bits:

14

Number of Inputs:

8

Data Interface:

Parallel

Ratio - S/H:ADC:

8:1

Architecture:

SAR

Voltage - Supply, Analog:

4.75V ~ 5.25V

Features:

Simultaneous Sampling

Package / Case:

48-LQFP

Mounting Type:

Surface Mount

Manufacturer:

Analog Devices Inc./Maxim Integrated

Product Status:

Active

Sampling Rate (Per Second):

526k

Input Type:

Single Ended

Configuration:

S/H-MUX-ADC

Number of A/D Converters:

1

Reference Type:

External, Internal

Voltage - Supply, Digital:

2.7V ~ 5.25V

Operating Temperature:

-40°C ~ 85°C

Supplier Device Package:

48-LQFP (7x7)

## Environmental & Export classification

RoHS Status:

RoHS non-compliant

REACH Status:

REACH Affected

HTSUS:

8542.39.0001

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

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