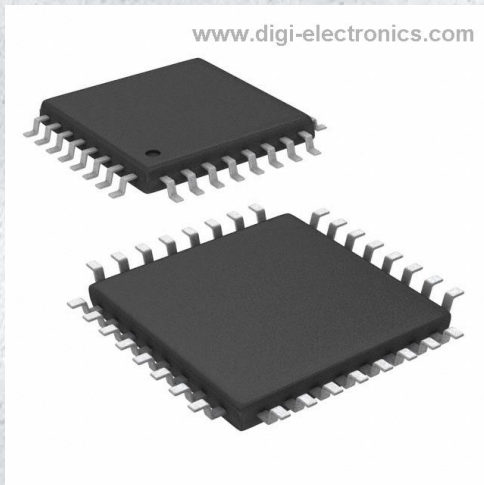


ADS114S08BIPBSR Datasheet



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DiGi Electronics Part Number	ADS114S08BIPBSR-DG
Manufacturer	Texas Instruments
Manufacturer Product Number	ADS114S08BIPBSR
Description	IC ADC 16BIT SIGMA-DELTA 32TQFP
Detailed Description	16 Bit Analog to Digital Converter 12 Input 1 Sigma-Delta 32-TQFP (5x5)

This model ADS114S08BIPBSR is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

ADS114S08BIPBSR

Series:

-

Number of Bits:

16

Number of Inputs:

12

Data Interface:

SPI

Ratio - S/H:ADC:

-

Architecture:

Sigma-Delta

Voltage - Supply, Analog:

±2.5V, 2.7V ~ 5.25V

Features:

PGA, Temperature Sensor

Package / Case:

32-TQFP

Mounting Type:

Surface Mount

Manufacturer:

Texas Instruments

Product Status:

Active

Sampling Rate (Per Second):

4k

Input Type:

Differential, Pseudo-Differential, Single Ended

Configuration:

MUX-PGA-ADC

Number of A/D Converters:

1

Reference Type:

External, Internal

Voltage - Supply, Digital:

2.7V ~ 3.6V

Operating Temperature:

-40°C ~ 125°C

Supplier Device Package:

32-TQFP (5x5)

Base Product Number:

ADS114S08

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.39.0001

Moisture Sensitivity Level (MSL):

3 (168 Hours)

ECCN:

EAR99

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