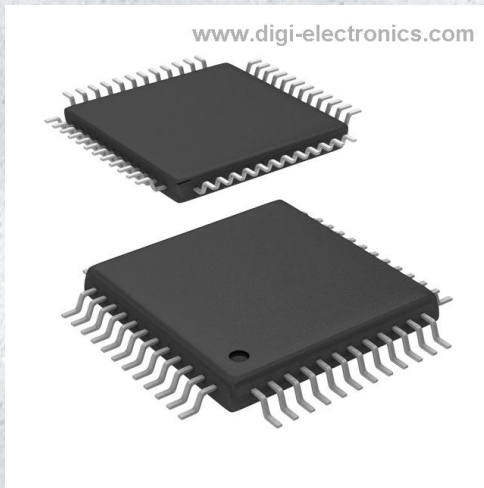


# ADS8405IPFBT Datasheet



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

DiGi Electronics Part Number	ADS8405IPFBT-DG
Manufacturer	<a href="#">Texas Instruments</a>
Manufacturer Product Number	ADS8405IPFBT
Description	IC ADC 16BIT SAR 48TQFP
Detailed Description	16 Bit Analog to Digital Converter 1 Input 1 SAR 48-TQFP (7x7)

This model ADS8405IPFBT is available at DiGi Electronics.

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## Purchase and inquiry

Manufacturer Product Number:

ADS8405IPFBT

Series:

microPOWER™

Number of Bits:

16

Number of Inputs:

1

Data Interface:

Parallel

Ratio - S/H:ADC:

1:1

Architecture:

SAR

Voltage - Supply, Analog:

5V

Features:

-

Package / Case:

48-TQFP

Mounting Type:

Surface Mount

Manufacturer:

Texas Instruments

Product Status:

Active

Sampling Rate (Per Second):

1.25M

Input Type:

Pseudo-Differential

Configuration:

S/H-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-TQFP (7x7)

Base Product Number:

ADS8405

## Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.39.0001

Moisture Sensitivity Level (MSL):

2 (1 Year)

ECCN:

EAR99

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