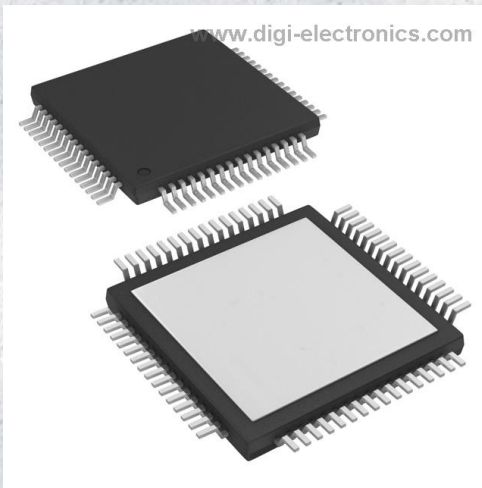


ADS1178IPAPR Datasheet



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

DiGi Electronics Part Number	ADS1178IPAPR-DG
Manufacturer	Texas Instruments
Manufacturer Product Number	ADS1178IPAPR
Description	IC ADC 16BIT SIGMA-DELTA 64HTQFP
Detailed Description	16 Bit Analog to Digital Converter 8 Input 1 Sigma-Delta 64-HTQFP (10x10)

This model ADS1178IPAPR is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

ADS1178IPAPR

Series:

-

Number of Bits:

16

Number of Inputs:

8

Data Interface:

SPI

Ratio - S/H:ADC:

-

Architecture:

Sigma-Delta

Voltage - Supply, Analog:

5V

Features:

Simultaneous Sampling

Package / Case:

64-PowerTQFP

Mounting Type:

Surface Mount

Manufacturer:

Texas Instruments

Product Status:

Active

Sampling Rate (Per Second):

52k

Input Type:

Differential, Single Ended

Configuration:

ADC

Number of A/D Converters:

1

Reference Type:

External

Voltage - Supply, Digital:

1.65V ~ 1.95V

Operating Temperature:

-40°C ~ 85°C

Supplier Device Package:

64-HTQFP (10x10)

Base Product Number:

ADS1178

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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