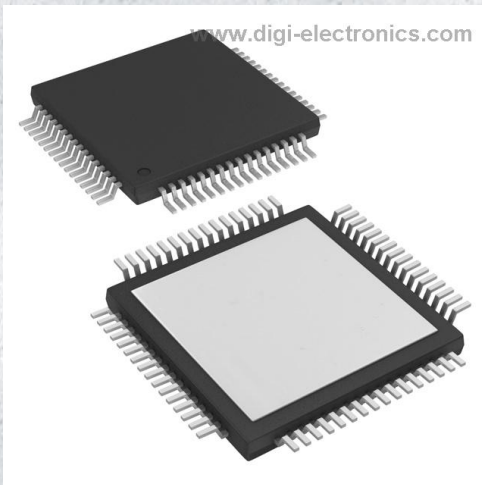


# ADS1178IPAPT Datasheet



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

DiGi Electronics Part Number	ADS1178IPAPT-DG
Manufacturer	<a href="#">Texas Instruments</a>
Manufacturer Product Number	ADS1178IPAPT
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 ADS1178IPAPT is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

ADS1178IPAPT

**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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