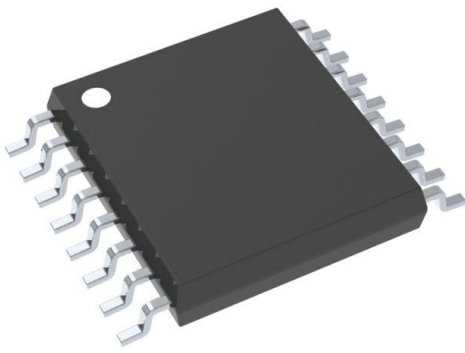


# ADS1146IPW Datasheet

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DiGi Electronics Part Number	ADS1146IPW-DG
Manufacturer	<a href="#">Texas Instruments</a>
Manufacturer Product Number	ADS1146IPW
Description	IC ADC 16BIT SIGMA-DELTA 16TSSOP
Detailed Description	16 Bit Analog to Digital Converter 1 Input 1 Sigma-Delta 16-TSSOP

This model ADS1146IPW is available at DiGi Electronics.

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## Purchase and inquiry

### Manufacturer Product Number:

ADS1146IPW

### Series:

-

### Number of Bits:

16

### Number of Inputs:

1

### Data Interface:

SPI

### Ratio - S/H:ADC:

-

### Architecture:

Sigma-Delta

### Voltage - Supply, Analog:

2.7V ~ 5.25V

### Features:

PGA

### Package / Case:

16-TSSOP (0.173", 4.40mm Width)

### Mounting Type:

Surface Mount

### Manufacturer:

Texas Instruments

### Product Status:

Active

### Sampling Rate (Per Second):

2k

### Input Type:

Differential, Single Ended

### Configuration:

MUX-PGA-ADC

### Number of A/D Converters:

1

### Reference Type:

External

### Voltage - Supply, Digital:

2.7V ~ 5.25V

### Operating Temperature:

-40°C ~ 105°C

### Supplier Device Package:

16-TSSOP

### Base Product Number:

ADS1146

## Environmental & Export classification

### RoHS Status:

ROHS3 Compliant

### REACH Status:

REACH Unaffected

### HTSUS:

8542.39.0001

### Moisture Sensitivity Level (MSL):

1 (Unlimited)

### ECCN:

EAR99

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