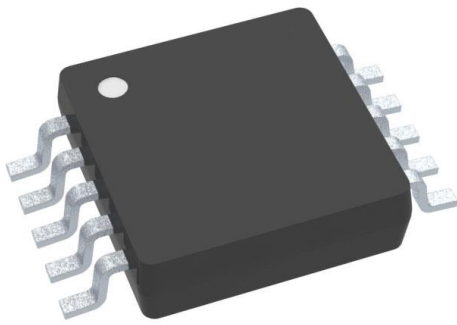


# ADS1018IDGSR Datasheet

[www.digi-electronics.com](http://www.digi-electronics.com)



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

DiGi Electronics Part Number	ADS1018IDGSR-DG
Manufacturer	<a href="#">Texas Instruments</a>
Manufacturer Product Number	ADS1018IDGSR
Description	IC ADC 12BIT SIGMA-DELTA 10VSSOP
Detailed Description	12 Bit Analog to Digital Converter 2, 4 Input 1 Sigma-Delta 10-VSSOP

This model ADS1018IDGSR is available at DiGi Electronics.

DiGi Electronics offers a global database of semiconductor and electronic component datasheets.

We welcome your inquiries regarding pricing, lead time, or other product-related questions.

 [Request a Quote](#)

 [Datasheet Search](#)



Tel: +00 852-30501935

RFQ Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)

DiGi is a global authorized distributor of electronic components.

## Purchase and inquiry

Manufacturer Product Number:

ADS1018IDGSR

Series:

-

Number of Bits:

12

Number of Inputs:

2, 4

Data Interface:

SPI

Ratio - S/H:ADC:

-

Architecture:

Sigma-Delta

Voltage - Supply, Analog:

2V ~ 5.5V

Features:

PGA, Temperature Sensor

Package / Case:

10-TFSOP, 10-MSOP (0.118", 3.00mm Width)

Mounting Type:

Surface Mount

Manufacturer:

Texas Instruments

Product Status:

Active

Sampling Rate (Per Second):

3.3k

Input Type:

Differential, Single Ended

Configuration:

MUX-PGA-ADC

Number of A/D Converters:

1

Reference Type:

Internal

Voltage - Supply, Digital:

2V ~ 5.5V

Operating Temperature:

-40°C ~ 125°C

Supplier Device Package:

10-VSSOP

Base Product Number:

ADS1018

## Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.39.0001

Moisture Sensitivity Level (MSL):

2 (1 Year)

ECCN:

EAR99

## OUR CERTIFICATE

DiGi provide top-quality products and perfect service for customer worldwide through standardization, technological innovation and continuous improvement. DiGi through third-party certification, we stricly control the quality of products and services. Welcome your RFQ to

Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)



Tel: +00 852-30501935

RFQ Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)

DiGi is a global authorized distributor of electronic components.