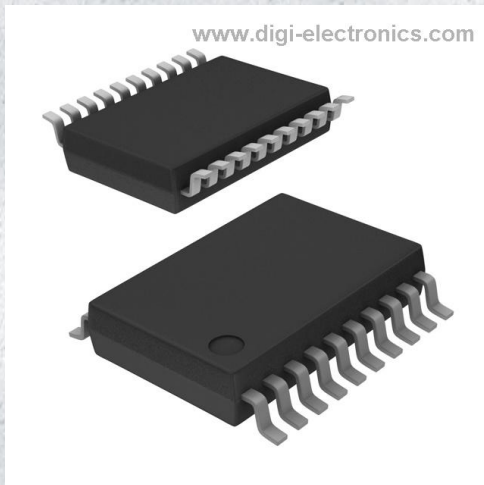


# ADS7844NB Datasheet



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

DiGi Electronics Part Number	ADS7844NB-DG
Manufacturer	<a href="#">Texas Instruments</a>
Manufacturer Product Number	ADS7844NB
Description	IC ADC 12BIT SAR 20SSOP
Detailed Description	12 Bit Analog to Digital Converter 4, 8 Input 1 SAR 2 0-SSOP

This model ADS7844NB is available at DiGi Electronics.

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## Purchase and inquiry

Manufacturer Product Number:

ADS7844NB

Series:

-

Number of Bits:

12

Number of Inputs:

4, 8

Data Interface:

SPI

Ratio - S/H:ADC:

1:1

Architecture:

SAR

Voltage - Supply, Analog:

2.7V ~ 3.6V, 5V

Features:

-

Package / Case:

20-SSOP (0.209", 5.30mm Width)

Mounting Type:

Surface Mount

Manufacturer:

Texas Instruments

Product Status:

Active

Sampling Rate (Per Second):

200k

Input Type:

Differential, Single Ended

Configuration:

MUX-S/H-ADC

Number of A/D Converters:

1

Reference Type:

External

Voltage - Supply, Digital:

2.7V ~ 3.6V, 5V

Operating Temperature:

-40°C ~ 85°C

Supplier Device Package:

20-SSOP

Base Product Number:

ADS7844

## 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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