

Direct Digital Synthesizer 300MHz 2-DAC 12bit Parallel/Serial 80-Pin TQFP EP Tray



Images are for reference only

[Inquiry](#)

Manufacturer: [Analog Devices, Inc](#)

Package/Case: QFP

Product Type: Clock & Timer ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

AD9852ASVZ is a high-speed direct digital synthesizer (DDS) chip manufactured by Analog Devices Inc. It is designed to generate precise analog waveforms at high frequencies using digital input signals.

Key Features

Frequency range: 0 to 200 MHz

10-bit resolution

Programmable phase and frequency registers

Differential current outputs

Integrated 10-bit digital-to-analog converter (DAC)

Application

Frequency synthesizers

Direct digital frequency synthesizers (DDFS)

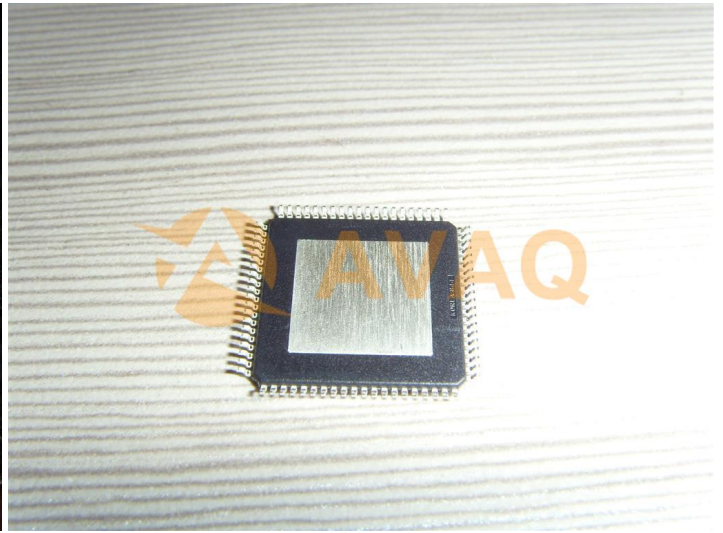
Signal generators

Radar and communication systems

Test and measurement equipment

Medical imaging equipment

Audio and video equipment



Recommended For You

AD7305BRZ

Analog Devices, Inc
SOP20

AD9910BSVZ

Analog Devices, Inc
TQFP100

AD9831ASTZ

Analog Devices, Inc
QFP

AD5447YRUZ

Analog Devices, Inc
TSSOP

AD5302BRMZ

Analog Devices, Inc
MSOP10

AD5531BRUZ

Analog Devices, Inc
TSSOP16

AD537JH

Analog Devices, Inc
CAN10

AD652AQ

Analog Devices, Inc
DIP

AD654JN

Analog Devices, Inc
DIP8

AD7740YRMZ

Analog Devices, Inc
MSOP8

AD9914BCPZ

Analog Devices, Inc
LFCSP

AD73311ARSZ

Analog Devices, Inc
SSOP20

AD7291BCPZ

Analog Devices, Inc
LFCSP20

AD9954YSVZ

Analog Devices, Inc
QFP

AD2S1205YSTZ

Analog Devices, Inc
LQFP44