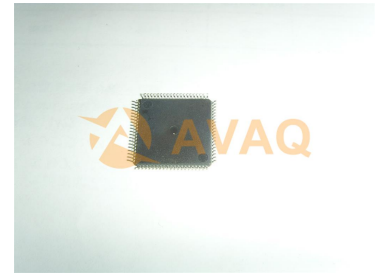


Direct Digital Synthesizer 200MHz 1-DAC 14bit Parallel/Serial 80-Pin LQFP



Images are for reference only

[Inquiry](#)

Manufacturer: [Analog Devices, Inc](#)

Package/Case: QFP

Product Type: Clock & Timer ICs

Lifecycle: Obsolete

General Description

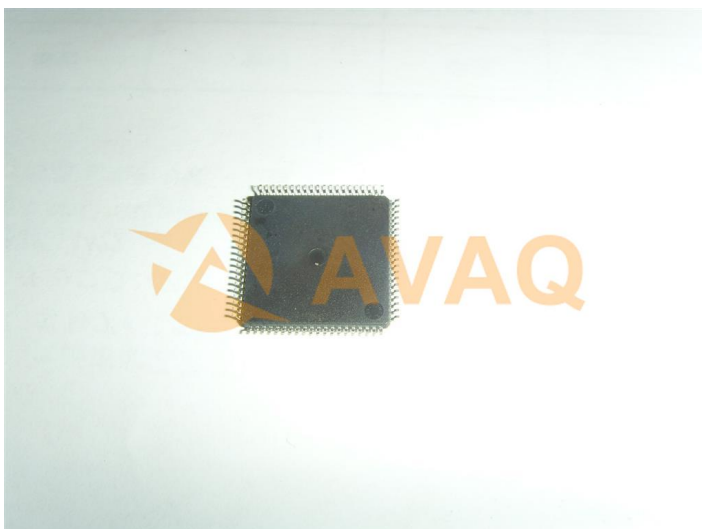
AD9857AST is a high-speed, direct digital synthesis (DDS) integrated circuit (IC) developed by Analog Devices Inc. It is designed for generating analog waveforms at high frequencies up to 400 MHz.

Key Features

- 10-bit digital-to-analog converter (DAC) resolution
- On-chip phase accumulator and sine lookup table
- 400 MHz maximum output frequency
- 200 MHz maximum clock frequency
- Serial or parallel data input interface
- 3.3 V power supply
- Small footprint 48-lead LQFP package

Application

- RF signal synthesis for wireless communications systems
- Test and measurement equipment
- Radar systems
- Electronic warfare systems
- Medical imaging equipment
- Signal generators



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