

IC PROCESSOR 500MHZ 576-SBGA

Manufacturers	Analog Devices, Inc
Package/Case	BGA-576
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ADSP-TS201SYBPZ-050 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

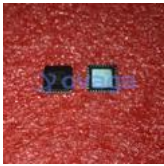
ADSP-TS201SYBPZ-050 is a specific model number for a digital signal processor (DSP) chip manufactured by Analog Devices Inc. It belongs to the ADSP-TS2xx family of DSPs, which are designed for high-performance signal processing applications.

Features

- 400 MHz core clock speed
- 32-bit fixed-point architecture
- 6 Mbit on-chip SRAM
- 2-channel DMA controller
- 4 UARTs, 3 SPIs, 2 I2Cs, and 2 CAN controllers
- Multiple timers, interrupts, and watchdog timers
- Low power consumption
- Industrial temperature range (-40°C to +105°C)

Application

- Audio and video processing
- Radar and sonar systems
- Communications systems
- Industrial automation and control
- Medical imaging and diagnostics



[ADUC7022BCPZ62](#)

Analog Devices, Inc
LFCSP-40



[ADUC7020BCPZ62](#)

Analog Devices, Inc
LFCSP-40



[ADUC841BSZ62-5](#)

Analog Devices, Inc
QFP-52



[ADUC841BSZ62-3](#)

Analog Devices, Inc
QFP-52



[ADUC831BSZ](#)

Analog Devices, Inc
QFP-52



[ADSP-BF527BBCZ-5A](#)

Analog Devices, Inc
BGA-208



[ADSP-21369BBPZ-2A](#)

Analog Devices, Inc
SBGA-256



[ADSP-BF561SBBCZ-5A](#)

Analog Devices, Inc
CSPBGA-256