

DSP Fixed-Point 16bit 160MHz 176-Pin LQFP Tray

Manufacturers	Analog Devices, Inc
Package/Case	LQFP176
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADSP-21992BSTZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ADSP-21992 further extends the capabilities of the ADSP-2199x mixed-signal DSP family, by offering 32K words of program memory and 16K words of data memory RAM. In addition, the ADSP-21992 provides an on-chip CAN communications port that provides full CAN 2.0B support, with 16 configurable mailboxes and individual acceptance filters. The integration of the CAN interface enables single chip solutions that implement the embedded control and signal processing as well as the field bus communications interface.

Features

160 MHz, ADSP-219x DSP Core

8-Channel, 14-Bit, 20 MSPS ADC with On-Chip Voltage Reference

Integrated Controller Area Network (CAN) Interface

External Memory Interface (to 1 MWord)

Three-Phase PWM Generation Unit, with additional Dual Auxiliary PWM Outputs

32K Program, 16K Data Memory RAM

Three-Phase PWM Generation Unit

Incremental Encoder Interface Unit

Three 32-Bit, General Purpose Timers

16-Bit General Purpose Flag I/O Port

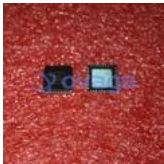
Synchronous Serial (SPORT) & SPI Communications Port

CROSSCORE™ tool support





Related Products



[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