

DSP Fixed-Point 16Bit 33.3MHz 33.3MIPS 100Pin LQFP

|               |                                     |
|---------------|-------------------------------------|
| Manufacturers | <a href="#">Analog Devices, Inc</a> |
| Package/Case  | QFP                                 |
| Product Type  | Embedded Processors & Controllers   |
| RoHS          |                                     |
| Lifecycle     |                                     |



Images are for reference only

Please submit RFQ for ADSP-2185BST-133 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

ADSP-2185BST-133 is a digital signal processor (DSP) from Analog Devices Inc. It is a member of the ADSP-218x family of 16/32-bit fixed-point DSPs, designed for a range of applications that require high-speed digital signal processing capabilities.

### Features

- 33 MHz clock speed
- 16-bit fixed-point processor
- 5V power supply
- On-chip memory (24K words)
- DMA controller
- Serial ports for communication with other devices
- General-purpose I/O pins
- Interrupt controller
- Timers and counters

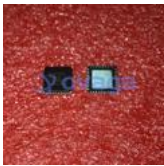
### Application

- Audio and speech processing
- Digital filtering and signal analysis
- Motor control and power conversion
- Communications and networking
- Control systems and automation





## 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