

DSP Fixed-Point 16Bit 32.2MHz 32.2MIPS 100Pin LQFP

Manufacturers	Analog Devices, Inc
Package/Case	TQFP-100
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

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

[RFQ](#)

General Description

ADSP-2185LBST-133 is a digital signal processor (DSP) developed by Analog Devices Inc. It is a member of the ADSP-218x family of DSPs, designed specifically for embedded real-time applications that require high processing power and low power consumption.

Features

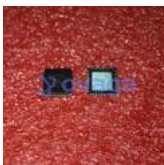
- 16-bit fixed-point DSP
- 40 MIPS (million instructions per second) processing speed
- 132 KB on-chip RAM
- On-chip program memory of 512 KB flash memory
- Four DMA channels
- Two serial ports (SPORTs)
- Two timer/counters
- 5 V supply voltage

Application

- Audio and speech processing
- Control systems
- Digital signal processing in industrial applications
- Motor control
- Medical instrumentation



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