

DSP Fixed-Point 16bit 33.3MHz 40MIPS 128-Pin MQFP Tray

Manufacturers	Analog Devices, Inc
Package/Case	MQFP-128
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADSP-2181BSZ-133 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

ADSP-2181BSZ-133 is a digital signal processor (DSP) from Analog Devices. It is a member of the ADSP-218x family of DSPs and is designed for high-performance signal processing applications.

Features

- It has a 16-bit fixed-point DSP core with a Harvard architecture and a clock speed of 133 MHz.
- It has 544K bytes of on-chip program memory, 80K bytes of on-chip data memory, and an external memory interface for additional memory.
- It supports a variety of communication interfaces such as serial ports, SPI, and CAN.
- It has a programmable timer and a watchdog timer for real-time applications.
- It supports multiple power-saving modes to minimize power consumption.

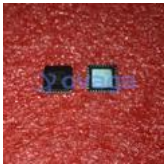
Application

- Audio and video processing
- Industrial automation
- Medical instrumentation
- Communication systems
- Military and aerospace applications





Related Products



[ADUC7022BCPZ62](#)

Analog Devices, Inc
LFCSP-40



[ADUC7020BCPZ62](#)

Analog Devices, Inc
LFCSP-40



[ADUC841BSZ62-5](#)

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QFP-52



[ADUC841BSZ62-3](#)

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[ADSP-BF527BBCZ-5A](#)

Analog Devices, Inc
BGA-208



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

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SBGA-256



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Analog Devices, Inc
CSPBGA-256