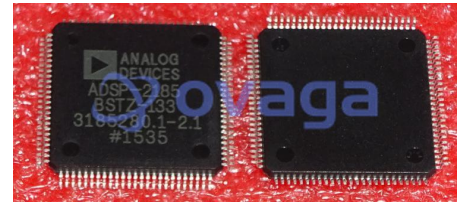


Digital Signal Processors & Controllers - DSP, DSC 5V 33MHZ 32K WORD RAM 100TQFP

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



Images are for reference only

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

[RFQ](#)

General Description

ADSP-2185BSTZ-133 is a digital signal processor (DSP) manufactured by Analog Devices Inc. It is a member of the ADSP-218x family of DSPs that are optimized for applications that require high-speed numeric processing.

Features

It has a 16-bit fixed-point architecture with a single-cycle instruction execution time

It operates at a maximum clock frequency of 133 MHz

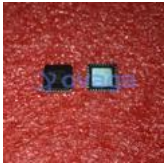
It has 544 words of on-chip data RAM and 256 words of on-chip program RAM

It has a 40-bit arithmetic logic unit (ALU) that enables high-speed numeric processing

It has a built-in direct memory access (DMA) controller for efficient data transfer between external memory and on-chip RAM



Related Products



[ADUC7022BCPZ62](#)

Analog Devices, Inc
LFCSP-40



[ADUC7020BCPZ62](#)

Analog Devices, Inc
LFCSP-40



[ADUC841BSZ62-5](#)

Analog Devices, Inc
QFP-52



[ADUC841BSZ62-3](#)

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[ADSP-BF527BBCZ-5A](#)

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

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SBGA-256



[ADSP-BF561SBBCZ-5A](#)

Analog Devices, Inc
CSPBGA-256