

DSP Fixed-Point 16bit 33.3MHz 33.3MIPS IC 0306 D/C

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	QFP128
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

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

[RFQ](#)

## General Description

ADSP-2181KS-133 is a digital signal processor (DSP) manufactured by Analog Devices, Inc. It is a member of the ADSP-218x family of DSPs, which are designed for high-performance signal processing applications.

### Features

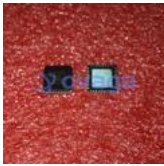
- 16-bit fixed-point digital signal processor
- Single-cycle instruction execution
- 40 MIPS performance at 33 MHz
- 5 V operation
- 80K bytes of on-chip RAM
- Dual-ported memory architecture
- DMA controller
- On-chip instruction and data caches
- Multiple serial ports
- Programmable timer

### Application

- Audio and video processing
- Speech recognition and synthesis
- Industrial control and automation
- Telecommunications
- Medical equipment
- Automotive systems



**Related Products**



[ADUC7022BCPZ62](#)

Analog Devices, Inc  
LFCSP-40



[ADUC7020BCPZ62](#)

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

Analog Devices, Inc  
SBGA-256



[ADSP-BF561SBBCZ-5A](#)

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CSPBGA-256