

Digital Signal Processors & Controllers - DSP, DSC ADSP-21061 1MBIT 40MHz 3v SHARC/pb-free

|               |                                     |
|---------------|-------------------------------------|
| Manufacturers | <a href="#">Analog Devices, Inc</a> |
| Package/Case  | QFP-240                             |
| Product Type  | Embedded Processors & Controllers   |
| RoHS          |                                     |
| Lifecycle     |                                     |



Images are for reference only

Please submit RFQ for ADSP-21061LKSZ-160 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

ADSP-21061LKSZ-160 is a digital signal processor (DSP) manufactured by Analog Devices Inc. It is a member of the ADSP-2106x series of fixed-point DSPs, which are widely used in various signal processing applications.

## Features

- 16-bit fixed-point DSP with a 40-bit arithmetic logic unit (ALU)
- Clock speed of up to 160 MHz
- 1 MB of on-chip program memory (RAM)
- 48 KB of on-chip data memory (RAM)
- Two 40-bit accumulators
- Support for single-cycle 16-bit and 32-bit multiply and accumulate (MAC) instructions
- Integrated serial ports for communication with external devices
- On-chip instruction and data caches for improved performance
- Support for various data formats including integer, fixed-point, and floating-point

## Application

- Audio and speech processing
- Industrial control and automation
- Telecommunications
- Medical imaging
- Automotive electronics
- Consumer electronics
- Radar and sonar systems



## Related Products



[ADUC7022BCPZ62](#)

Analog Devices, Inc  
LFCSP-40



[ADUC7020BCPZ62](#)

Analog Devices, Inc  
LFCSP-40



[ADUC841BSZ62-5](#)

Analog Devices, Inc  
QFP-52



[ADUC831BSZ](#)

Analog Devices, Inc  
QFP-52



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

Analog Devices, Inc  
SBGA-256



[ADUC841BSZ62-3](#)

Analog Devices, Inc  
QFP-52



[ADSP-BF527BBCZ-5A](#)

Analog Devices, Inc  
BGA-208



[ADSP-BF561SBBCZ-5A](#)

Analog Devices, Inc  
CSPBGA-256