

DSP Fixed-Point 16Bit 40MHz 40MIPS 128Pin LQFP

Manufacturers	Analog Devices, Inc
Package/Case	QFP128
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ADSP-2181KST-160 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

ADSP-2181KST-160 is a digital signal processor (DSP) manufactured by Analog Devices. Some of its features include:

Features

16-bit fixed-point DSP architecture

40 MHz clock frequency

5V power supply

160 KB of on-chip RAM

80 KB of on-chip program ROM

DMA controller for data movement

Programmable timer/event counter

Multiple serial ports (SPORTs) for communication with external devices

Analog-to-digital converter (ADC) and digital-to-analog converter (DAC) interfaces

Support for various DSP algorithms and functions such as Fast Fourier Transform (FFT), digital filtering, and convolution.

Application

ADSP-2181BSTZ-160

ADSP-2181BSTZ-133

ADSP-2181KSZ-160

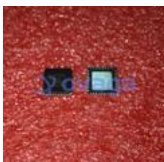
ADSP-2181KSZ-133

ADSP-2181BSTZ-133

ADSP-2181KSZ-80



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