

ADSP-2100 Family DSP Microcomputers

Manufacturers	Analog Devices, Inc
Package/Case	PLCC-68
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ADSP-2105KP-55 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

ADSP-2105KP-55 is a digital signal processor (DSP) from Analog Devices, which was introduced in the early 1990s. Here are some of its features:

Features

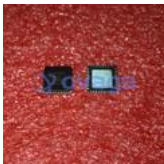
- It has a 16-bit fixed-point arithmetic unit and a 40-bit accumulator.
- It has a Harvard architecture with separate program and data memories.
- It has a clock speed of 55 MHz and can execute up to 55 million instructions per second (MIPS).
- It has on-chip DMA controllers and serial ports.
- It operates on a single +5V power supply and consumes about 1.8W of power.

Application

- ADSP-2105KP-40: 40 MHz version
- ADSP-2105BPZ-80: 80 MHz version in a surface-mount package
- ADSP-2105JG: 50 MHz version in a ceramic PGA package



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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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