

DSP Fixed-Point 16Bit 16.67MHz 16.67MIPS 68Pin PLCC

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



Images are for reference only

Please submit RFQ for ADSP-2101KP-66 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

ADSP-2101KP-66 is a digital signal processor (DSP) manufactured by Analog Devices.

Features

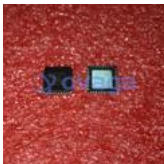
- 16-bit fixed-point DSP
- 66 MHz clock speed
- Harvard architecture with separate program and data memory spaces
- 64K x 24-bit on-chip program memory
- 32K x 24-bit on-chip data memory
- 80K x 24-bit dual-port external data memory
- 4 serial ports with support for various protocols including SPI, I2C, and CAN
- Interrupt controller with 8 levels of interrupt priority
- DMA controller for data transfer between on-chip and external memory
- Built-in hardware multiplier and ALU for efficient arithmetic operations

Application

- Digital audio processing
- Speech recognition and synthesis
- Digital filtering and equalization
- Motor control in industrial automation
- Modems and communication systems



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