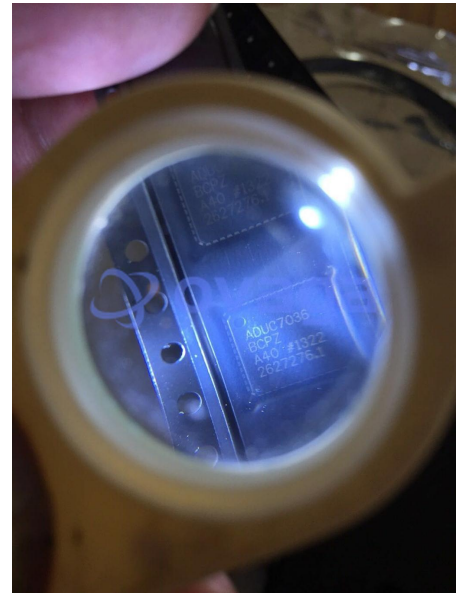


ARM Microcontrollers - MCU Flash 96k ARM7 Dual 16-Bit ADC LIN I.C.

Manufacturers	Analog Devices, Inc
Package/Case	LFCSP-48
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADUC7036BCPZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

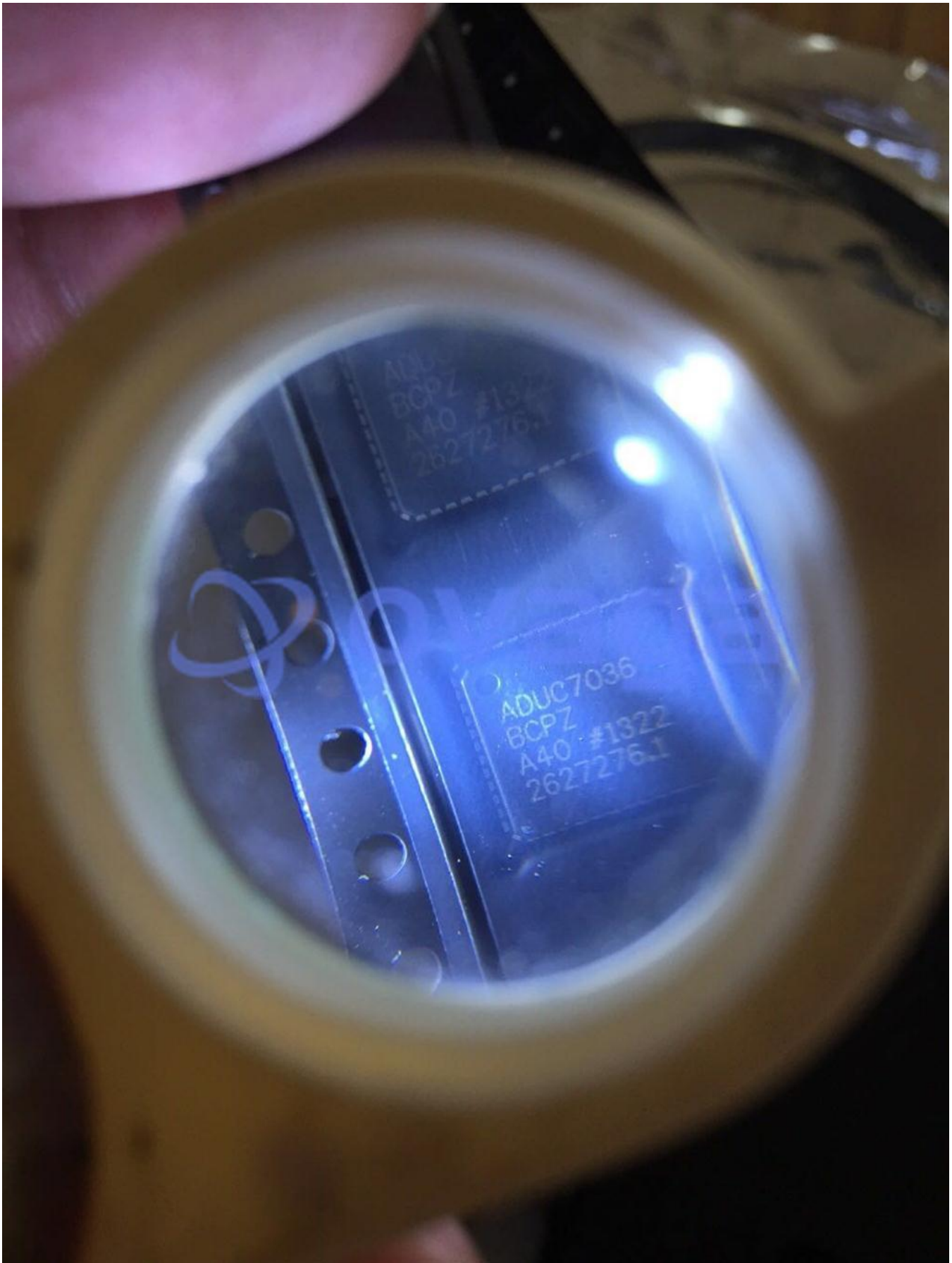
ADUC7036BCPZ is a microcontroller unit (MCU) produced by Analog Devices. It is a 32-bit ARM Cortex-M3 based MCU that integrates analog and digital peripherals, making it suitable for a variety of applications.

Features

- 32-bit ARM Cortex-M3 processor with clock speeds up to 50 MHz
- 256 KB Flash memory and 64 KB SRAM
- 12-bit ADC with 8 channels and a conversion rate of up to 1 MSPS
- 12-bit DAC with 2 channels and a conversion rate of up to 1 MSPS
- 32-bit CRC generator
- Multiple communication interfaces including I2C, SPI, UART, and USB
- Multiple timers and PWM outputs
- Temperature sensor and voltage reference

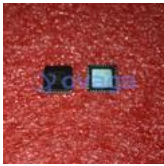
Application

- Industrial control and automation systems
- Portable and handheld instrumentation
- Data acquisition and processing systems
- Sensor monitoring and control systems
- Motor control and power management





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