

10-Bit, 65/80/105 MSPS, 3V A/D Converter

Manufacturers	Analog Devices, Inc
Package/Case	TSSOP28
Product Type	Data Conversion ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD9215BRU-65 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

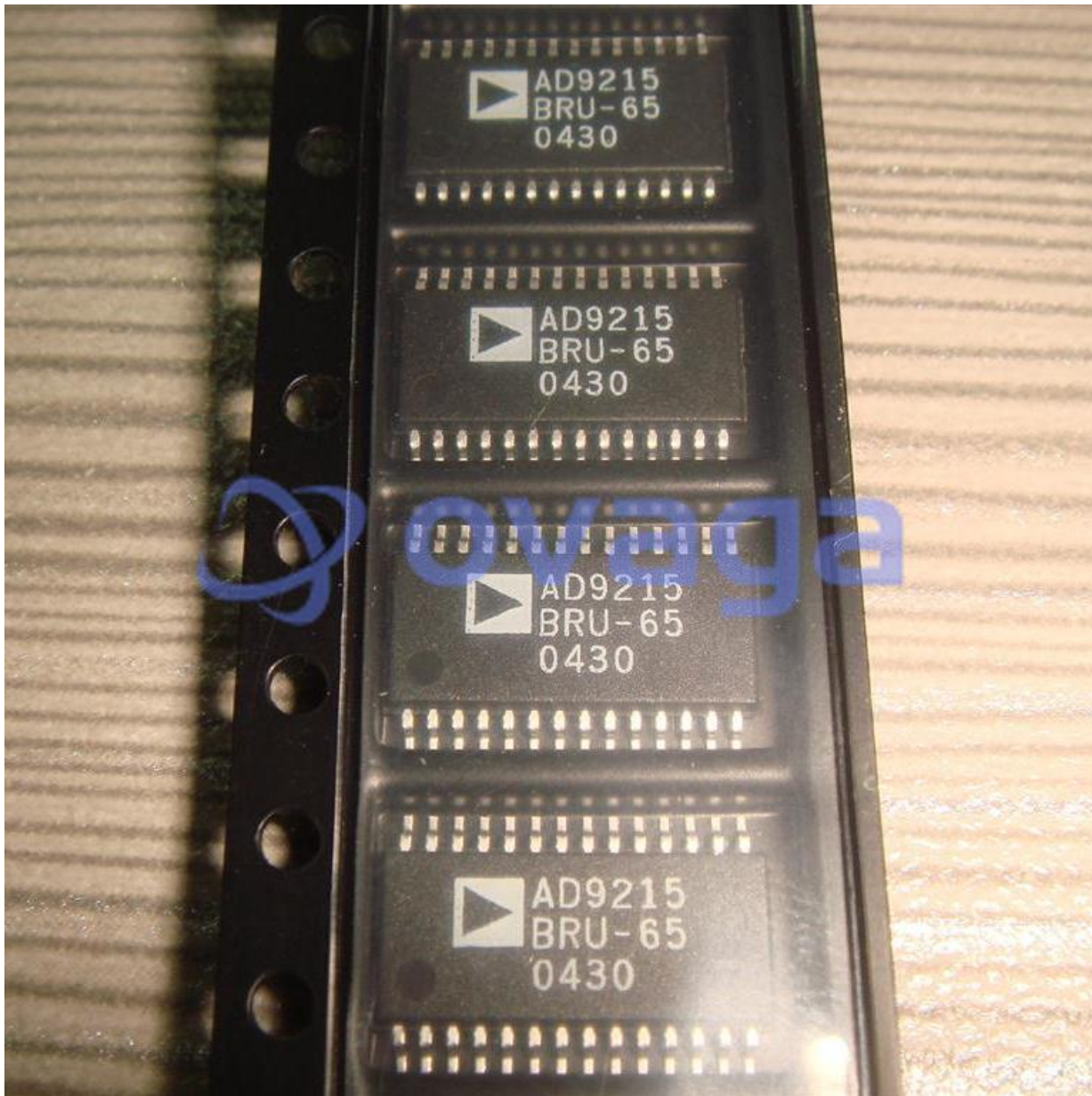
AD9215BRU-65 is a high-speed analog-to-digital converter (ADC) manufactured by Analog Devices Inc. It is a 10-bit ADC that operates at a maximum sampling rate of 65 Mega samples per second (MSPS).

Features

- 10-bit resolution
- Maximum sampling rate of 65 MSPS
- Low power consumption of 330 mW at 3.3 V
- Differential analog input
- SNR (signal-to-noise ratio) of 59 dB at 10 MHz input frequency
- ENOB (effective number of bits) of 9.5 bits at 10 MHz input frequency
- Input voltage range of -0.5 V to +2.0 V
- Serial interface using SPI or QSPI

Application

- Communications systems
- Digital oscilloscopes
- Medical imaging equipment
- Radar systems
- High-speed data acquisition systems
- Test and measurement equipment



Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc
LFCSP-40



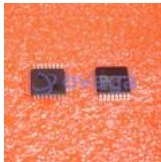
[AD574AJNZ](#)

Analog Devices, Inc
PDIP-28



[AD7938BSUZ](#)

Analog Devices, Inc
TQFP-32



[AD7266BSUZ](#)

Analog Devices, Inc
TQPF-32



[AD7401YRWZ](#)

Analog Devices, Inc
SOIC-16



[AD7192BRUZ-REEL](#)

Analog Devices, Inc
TSSOP-24



[AD7124-8BCPZ-RL7](#)

Analog Devices, Inc

LFCSP-32



[AD9680BCPZ-500](#)

Analog Devices, Inc

LFCSP-64