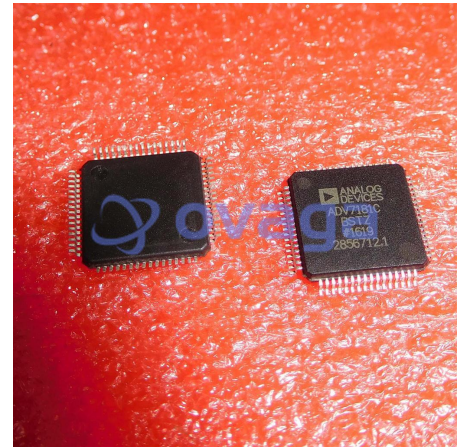


Video Decoder IC, Analogue, 10 bit, 110 MSPS Sample Rate, 6 Channels, 3.15 V to 3.45 V, LQFP-64

Manufacturers	Analog Devices, Inc
Package/Case	LQFP-64
Product Type	Interface ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADV7181CBSTZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

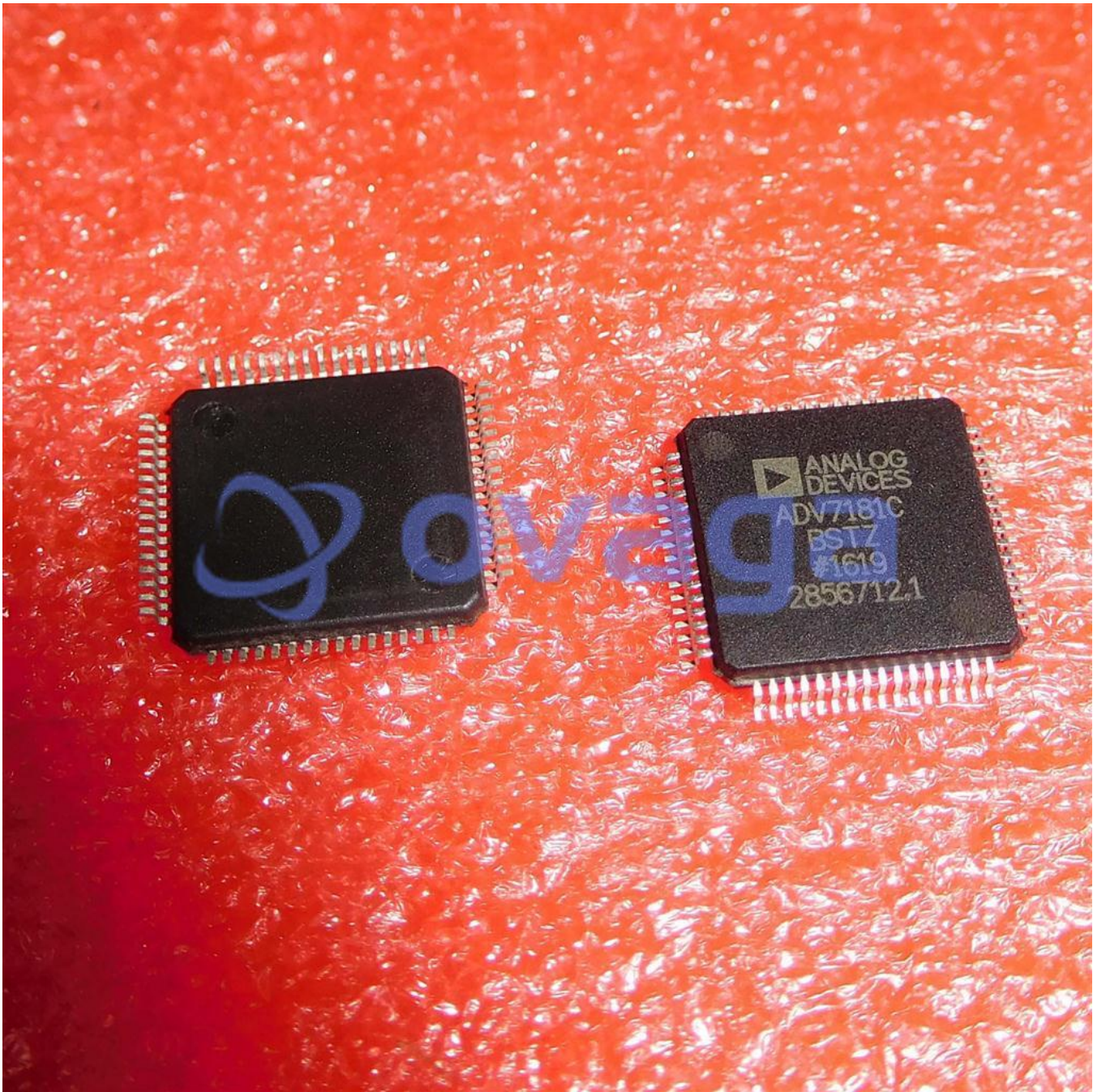
ADV7181CBSTZ is a video decoder chip manufactured by Analog Devices Inc. It is designed to convert standard analog video signals such as composite, S-Video, and component video into digital formats for further processing and display.

Features

- Support for various analog video inputs: composite, S-Video, and component video
- High-quality 10-bit A/D converter
- Flexible output formats: 8-bit 4:2:2 YCbCr, 8/10-bit ITU-R BT.656, and 16-bit 4:2:2 YCbCr
- Integrated sync separator and automatic format detection
- Advanced synchronization processing for better video quality
- Low power consumption

Application

- Video surveillance systems
- Digital video recorders (DVRs)
- Set-top boxes
- DVD players and recorders
- Video game consoles
- Medical imaging equipment



Related Products



[AD8170AR](#)

Analog Devices, Inc
SOP8



[AD724JR](#)

Analog Devices, Inc
SOIC-16



[ADV7393BCPZ](#)

Analog Devices, Inc
LFCSP-VQ-40



[ADV7391WBCPZ](#)

Analog Devices, Inc
LFCSP-3



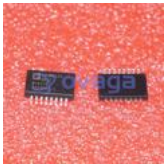
[ADV7390BCPZ](#)

Analog Devices, Inc
QFN32



[ADV7341BSTZ](#)

Analog Devices, Inc
LQFP-64



[ADUM4160BRIZ](#)

Analog Devices, Inc
SOIC-16



[ADUM7641CRQZ](#)

Analog Devices, Inc
QSOP-20