

Video Decoder IC, Analogue, 10 bit, 57.27 MSPS Sample Rate, 6 Channels, 1.71 V to 1.89 V, LQFP-64

Manufacturers	<u>Analog Devices, Inc</u>
Package/Case	LQFP-64
Product Type	Multimedia ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADV7180BSTZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

ADV7180BSTZ is an integrated video decoder chip developed by Analog Devices, which supports the decoding of analog video signals from various sources such as cameras, VCRs, and DVD players. It can handle composite, S-video, and component video inputs and output digital video signals in various formats such as 8-bit ITU-R BT.656, 16-bit 4:2:2, and 20-bit 4:2:2 YCbCr.

## Features

- Support for multiple video inputs (composite, S-video, and component)
- Digital video output formats: 8-bit ITU-R BT.656, 16-bit 4:2:2, and 20-bit 4:2:2 YCbCr
- Support for NTSC, PAL, and SECAM video standards
- Integrated analog anti-aliasing filter
- On-chip automatic contrast, brightness, and saturation control
- Built-in PLL for generating pixel clock
- Low power consumption

## Application

- Video surveillance systems
- Set-top boxes
- DVD recorders
- Digital video recorders
- Digital cameras
- Video conferencing systems



(P) CUST PROD ID:

(Q) QTY: 800

(9D) DATE CODE: 0614

(1T) LOT ID: 871014.1

(1P) MFG NO: ADV7180BSTZ



MFR/CUST DATA  
COUNTRY OF ASSEMBLY  
SINGAPORE  
COUNTRY OF DIFFUSION  
TAIWAN

MSL 3



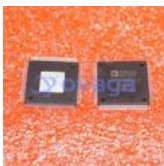
Pb free  
PPBT=260°C  
RoHS Compliant

Ovaga





## Related Products



### [ADV7630KSVZ](#)

Analog Devices, Inc  
TQFP128



### [ADV7511WBSWZ](#)

Analog Devices, Inc  
LQFP-100



### [ADV7511KSTZ-P](#)

Analog Devices, Inc  
LQFP-100



### [ADV7842KBCZ-5](#)

Analog Devices, Inc  
CSPBGA-256



### [ADV7181BBSTZ](#)

Analog Devices, Inc  
LQFP64



### [ADV7180BCPZ](#)

Analog Devices, Inc  
QFN-40



[ADV7403BSTZ-110](#)

Analog Devices, Inc

LQFP-100



[ADV7401KSTZ-140](#)

Analog Devices, Inc

LQFP-100