


## RF Receiver 1.8V 144-Pin CSP-BGA Tray

<b>Manufacturer:</b>	<a href="#">Analog Devices, Inc</a>
<b>Package/Case:</b>	BGA
<b>Product Type:</b>	Communication & Networking ICs
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	NRND



Images are for reference only

[Inquiry](#)

## General Description

AD6657BBCZ is a high-performance, mixed-signal front-end for wideband communication systems, manufactured by Analog Devices. It is a member of the AD6657 family, which is designed to interface directly with the output of wideband digital-to-analog converters (DACs) in high-speed radio systems.

### Key Features

- 12-bit resolution
- 500 MSPS (mega-samples per second) sampling rate
- Signal-to-noise ratio (SNR) of 61.4 dBFS at 400 MHz input frequency
- Total power consumption of 1.8W
- Supports both single-ended and differential input modes
- Digital down-conversion (DDC) capability

### Application

- Wideband communications systems such as software-defined radios (SDRs), wireless infrastructure, and military radios
- Medical imaging equipment
- Test and measurement equipment



## Recommended For You

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### **ADF4153BCPZ**

Analog Devices, Inc

QFN

### **ADF5355BCPZ**

Analog Devices, Inc

LFCSP32

### **AD8318ACPZ**

Analog Devices, Inc

LFCSP

### **AD6620ASZ**

Analog Devices, Inc

QFP

### **ADF4107BCPZ**

Analog Devices, Inc

QFN

### **ADL5513ACPZ-R7**

Analog Devices, Inc

LFCSP-16

### **AD8319ACPZ**

Analog Devices, Inc

LFCSP

### **ADRF6755ACPZ**

Analog Devices, Inc

QFN

### **ADL5535ARKZ-R7**

Analog Devices, Inc

SOT89

### **AD608AR**

Analog Devices, Inc

SOP16

### **ADF4107BRUZ-REEL7**

Analog Devices, Inc

TSSOP16

### **ADRF6780ACPZN**

Analog Devices, Inc

QFN

### **AD8317ACPZ**

Analog Devices, Inc

LFCSP

### **AD608ARZ**

Analog Devices, Inc

SOP16

### **AD8318ACPZ-REEL7**

Analog Devices, Inc

LFCSP