Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

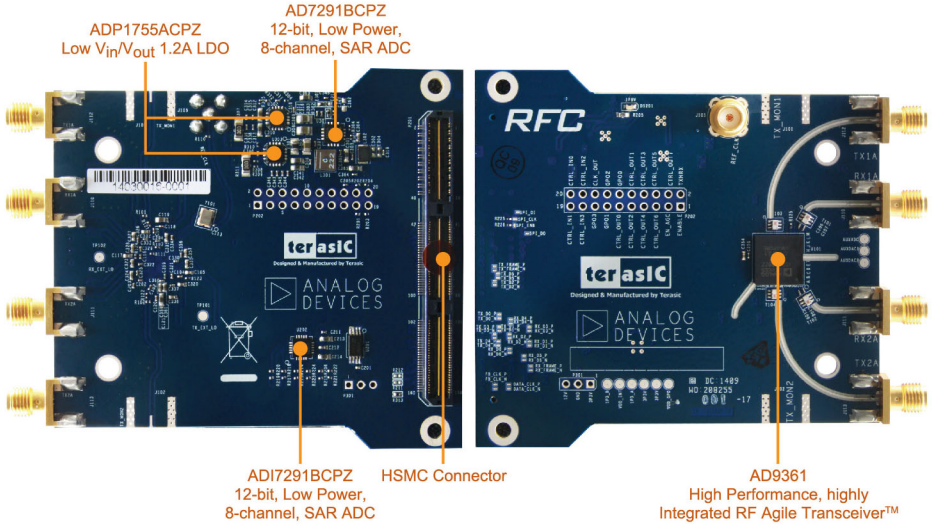## Contact us

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ARRadio

Quick Start Guide ▶▶▶

ADP1755ACPZ
Low V_{in}/V_{out} 1.2A LDO

AD7291BCPZ
12-bit, Low Power,
8-channel, SAR ADC

ADI7291BCPZ
12-bit, Low Power,
8-channel, SAR ADC

HSMC Connector

AD9361
High Performance, highly
Integrated RF Agile Transceiver™

¹ What's in the Box?

❶ ARRadio Board

❷ ARRadio Quick Start Guide

❸ USB OTG Cable

❹ 8GB MicroSD Card with
Card Reader (Pre-programmed)

If you encounter any problem, please contact us below

✉ Email: support@terasic.com   ☏ Tel: +886-3-575-0880

www.terasic.com

2 Resources

▲ For the System CD and Linux image files of this package, please download from the link below:

terasic *http://cd-arradio.terasic.com*

http://cd-arradio.terasic.com

3 Power On Test

SoCKit is required for ARRadio board testing.

1 Mount the ARRadio board to HSMC connector on SoCKit and fasten the screws.

2 Make sure MSEL[4:0]=0000 on SoCKit.

3 Insert the MicroSD card that comes with the ARRadio kit into SoCKit.

4 Connect a VGA monitor to the VGA connector on SoCKit.

5 Connect the USB OTG cable that comes with the ARRadio kit into the USB OTG port on SoCKit.

6 Connect a USB mouse to the OTG cable.

7 Plug in 12V DC power to SoCKit.

8 Power on SoCKit, and it will take about 4 minutes to boot the Linux system.

9 After the system boot is completed, ADI IIO Oscilloscope software will appear on the Linux Desktop.

10 Use the mouse to navigate/operate the software.

Mouse

USB OTG Cable

Power

VGA Interfaced Display