EVAL-ADRV9008/9

ADRV9008/ADRV9009 Evaluation Board

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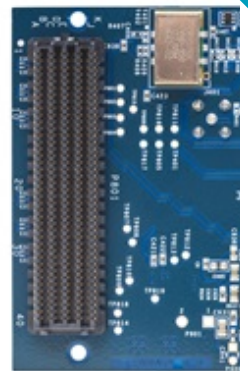
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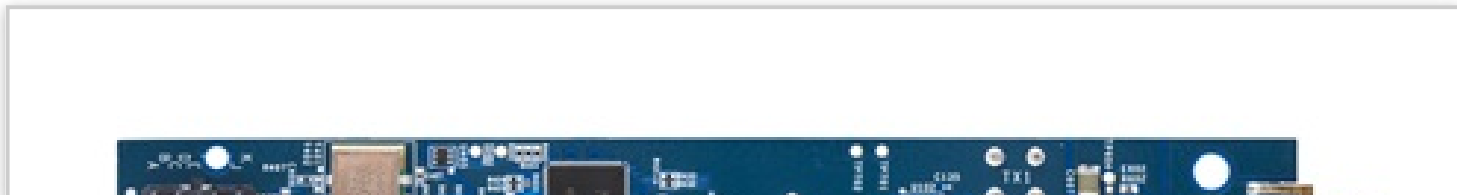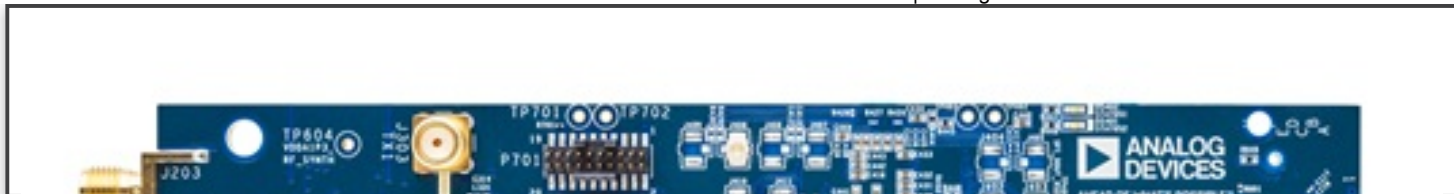| User Guides	Evaluation Software
2 View All	2 View All

Overview

- Complete Radio Card for evaluation
  - ADRV9009-W/PCBZ: Evaluation kit for ADRV9009 (Dual RF Rx/Tx/Orx Evaluation Board)
  - ADRV9008-1W/PCBZ: Evaluation kit for ADRV9008-1 (Dual RF Rx Evaluation Board)
  - ADRV9008-2W/PCBZ: Evaluation kit for ADRV9008-2 (Dual RF Tx/Orx Evaluation Board)
- Wide band RF operation over 75MHz - 6GHz frequency range
- Complete with high efficiency power supply solution and clocking solution
- FMC connector to Xilinx ZC706 motherboard (EVAL-TPG-ZYNQ3)
- Powered from single FMC connector
- Includes schematics, layout, BOM, HDL, drivers and application software

CONCEPT TO CREATION AT LIGHT SPEED

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RadioVerse: Concept to Creation at Lightspeed

Applicable Parts

- ADP5054
- AD7291
- AD9528

- ADRV9008-2
- ADRV9008-1
- ADRV9009

Package Contents

- ADRV9009-W/PCBZ or ADRV9008-1W/PCBZ or ADRV9008-2W/PCBZ radio card
- Two 8GB SD cards
    - One for Linux driver and IIO Scope (AD-FMC-SDCARD)
    - One for Windows-based GUI (ADRV9009-SDCARD)

Note: The package does not contain the EVAL-TPG-ZYNQ3 motherboard which is necessary for operation and must be ordered separately.

Getting Started

First download the evaluation system user guide, which describes how to get up and running. The Evaluation kit offers several software drivers for evaluation and rapid prototyping as well as design tool options to aid in simulation and filter design.

Documentation

User Guides

ADRV9009 Prototyping Platform User Guide   WIKI

SDR Integrated Transceiver Design Resources

Videos

ADRV9009 Evaluation Kit Demo Video

RadioVerse ADRV9009 Overview

Software

Evaluation Software

Wideband RF Transceiver Evaluation Software

The Evaluation kit offers several software drivers for evaluation and rapid prototyping as well as design tool options to aid in simulation and filter design.

JESD204 Interface Framework

Integrated JESD204 software framework for rapid system-level development and optimization

Related Hardware (1)

Development Platform

EVAL-TPG-ZYNQ3

Xilinx Zynq®-7000 All
Programmable SoC ZC706
Evaluation Kit

Buy

Model	Description	Price	RoHS

Model	Description	Price	RoHS
ADRV9008-1W/PCBZ Pre-Release	ADRV9008-1 Rx Wideband Evaluation Board		Yes
ADRV9008-2W/PCBZ Pre-Release	ADRV9008-1 Tx/ORx Wideband Evaluation Board		Yes
ADRV9009-W/PCBZ Production	ADRV9009 TDD Wideband Evaluation Board		Yes

UNITED STATES

Pricing displayed is based on 1-piece. The USA list pricing shown is for budgetary use only, shown in United States dollars (FOB USA per unit), and is subject to change. International prices may vary due to local duties, taxes, fees and exchange rates.

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