ADRV2CRR-FMC

ADRV9009-ZU11EG Evaluation Carrier Board

Product Overview
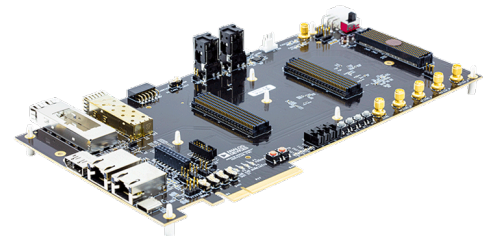07-09-2021
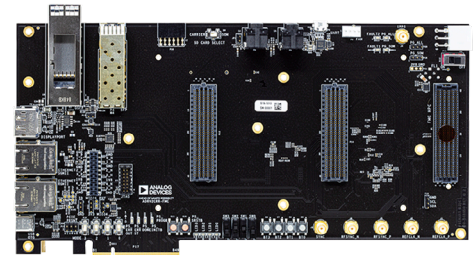For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

Analog Devices Inc. ADRV2CRR-FMC Carrier Board designed to evaluate the ADRV9009-ZU11EG RF-SOM. The AD-FMCOMMS8-EBZ is an additional RF board that can be fitted to the carrier to further expand the system up to eight TX and RX radio channels. The Carrier Board comes with a power supply that power up the full system, a heatsink that the user fits to the RF-SOM heat spreader plate and necessary cables and adapters to get up and running.
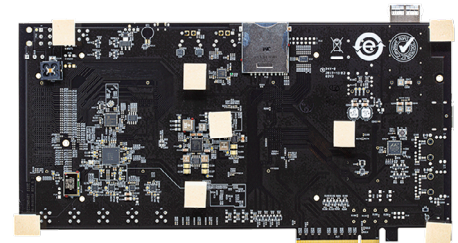
Features

- Designed to develop custom carrier or system boards
- Additional RF board can be fitted to the carrier to further expand the system up to 8 TX and RX radio channels
- Carrier board for prototyping with the ADRV9009-ZU11EG(RF-SOM) and AD-FMCOMMS8-EBZ
- 2x 400-pin FMC sockets for connecting to the RF-SOM
- 1x 400pin HPC FMC connector to connect compatible expansion board, Eg. AD-FMCOMMS8-EBZ
- Data connectivity options:
  - 1Gbps Ethernet ×2, USB3.0, PCIe Gen3 ×8, SFP+, and QSFP+
  - Check on the further documentation link for the software functionality provided across the different interfaces
- Other I/O:
  - DisplayPort, SD card holder, PMOD, USB UART, audio In/Out, fan, JTAG, status LED's, power and config switches
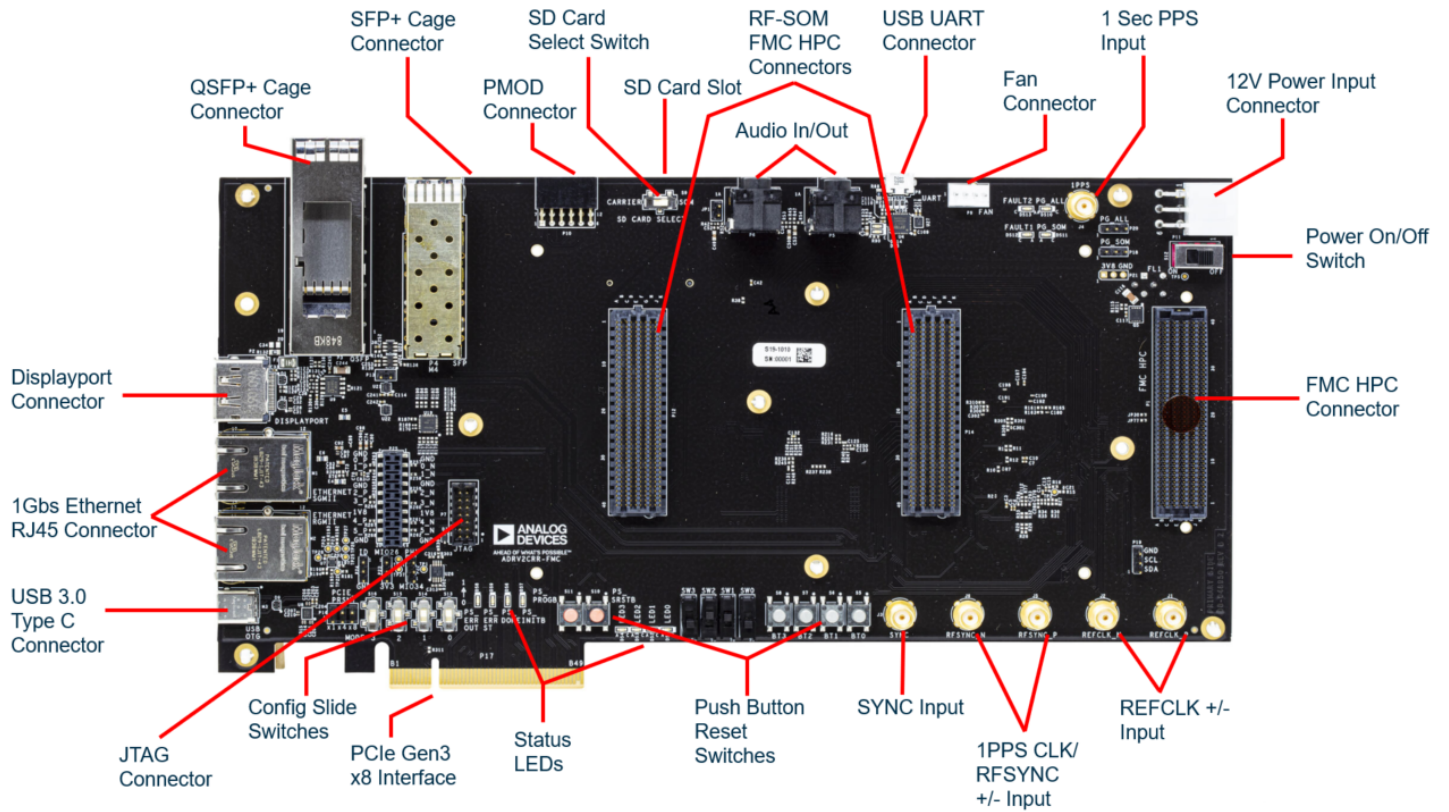- System clocking inputs:
  - EXT REFCLK, SYNC In, and 1PPS

ADRV2CRR-FMC - Top View

ADRV2CRR-FMC - Bottom View

Hardware Overview

Mouser Part Number(s)

ADRV2CRR-FMC

To learn more, visit https://www.mouser.com/new/analog-devices/adi-adrv2crr-fmc-board/