

Solutions for Rapid Prototyping



Reduce Time to Deployment



RF Data Converters
Integrated & high performance



Digitizer System Platforms
Rapid System Prove-out



Commercial SDR
Plug-in ready fast time to market

ADI's commercial-off-the-shelf (COTS) software defined radio (SDR) system on module (SOM) digitizers help customers deploy high performance distributed sensing techniques at the tactical edge...as fast as possible.

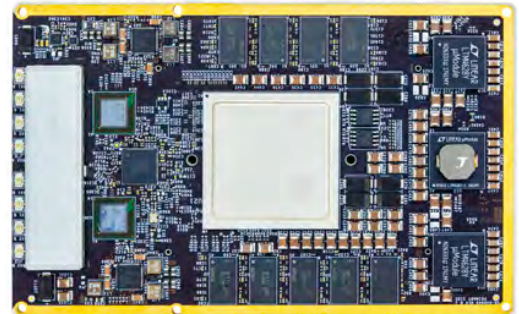
The SDR SOMs are built on ADI's proven portfolio of high performance wideband RF data converters with integrated DSP paired with the most popular customer-preferred MPSOCs. ADI's open board support package provides a reliable foundation enabling customer techniques.

ADRV9009-ZU11EG

Dual ADRV9009 4x4 w/ US+ MPSOC & FMC base

- ▶ Channels: 4 Receive, 4 Transmit, 4 Observation
- ▶ RF range: 0.08 - 6 GHz
- ▶ Instantaneous Bandwidth (max)
 - Receive 200 MHz
 - Transmit 450 MHz
- ▶ AMD Zynq US+ MPSOC ZU11EG
- ▶ 8 GB DDR4
- ▶ Board Support Package

*Released



FMCOMMS8

Dual ADRV9009 4x4 FMC Mezzanine

- ▶ Channels: 4 Receive, 4 Transmit, 4 Observation
- ▶ RF range: 0.08 – 6 GHz
- ▶ Instantaneous Bandwidth (max)
 - Receive 200 MHz
 - Transmit 450 MHz
- ▶ Radio only, no FPGA / processor

*Released



ADRV9361-Z7035

AD9361 2x2 w/ Zynq SoC

- ▶ Channels: 2 Receive, 2 Transmit
- ▶ RF range: 0.07 – 6 GHz
- ▶ Instantaneous Bandwidth: <200 kHz – 56 MHz
- ▶ AMD Zynq SoC XC7Z035-L2FBG676I
- ▶ Board Support Package

*Released

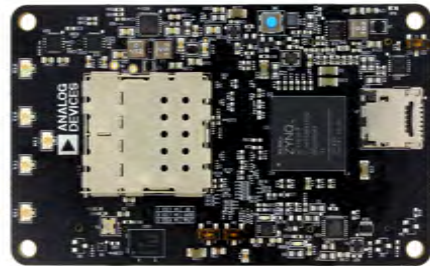


ADRV9364-Z7020

AD9361 1x1 w/ Zynq SoC

- ▶ Channels: 1 Receive, 1 Transmit
- ▶ RF range: 0.07 – 6 GHz
- ▶ Instantaneous Bandwidth: <200 kHz – 56 MHz
- ▶ AMD Zynq SoC XC7Z020-1CLG400I
- ▶ Board Support Package

*Released



ADALM-PLUTO

AD9363 1x1 w/ Zynq SoC

- ▶ Channels: 1 Receive, 1 Transmit
- ▶ RF range: 0.33 – 3.8 GHz
- ▶ Instantaneous Bandwidth (max): 20 MHz
- ▶ AMD Zynq SoC XC7Z010
- ▶ Board Support Package

*Released



AD-JUPITER-EBZ

ADRV9002 2x2 w/ US+ MPSoC, 1-U ready

- ▶ Channels: 2 Receive, 2 Transmit
- ▶ RF range: 0.03 – 6 GHz
- ▶ Instantaneous Bandwidth: 12kHz – 40 MHz
- ▶ AMD Zynq UltraScale+ MPSoC XCZU3EG
- ▶ USB-C & Ethernet 1000BASE-T
- ▶ Board Support Package

*Contact ADI for samples



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