![Chipsmall logo]

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

![Analog Devices logo - AHEAD OF WHAT'S POSSIBLE™]

ADRV9364-Z7020 SDR 1x1 System-On-Module

Features

- Fully-verified, low-power, rugged system-on-module (SOM) ready for end-product deployment
- Supported by MATLAB® and Simulink®
- Production-ready and industrial temperature rated SOM
- Conforms to MIL-STD 202G for thermal, vibration, and shock
- Included on SOM:
  - Analog Devices AD9364- BBCZ Integrated 1x1 RF Agile Transceiver™
  - Xilinx Zynq XC7Z020-1CLG400I AP SoC for Digital Processing

Product Details

ADRV9364-Z7020 SDR 1x1 System-On-Module (SOM) is a Software Defined Radio (SDR) that combines the Analog Devices AD9364 integrated RF Agile Transceiver™ with the Xilinx Z-7020 Zynq®-7000 All Programmable SoC.

ADRV9364-Z7020 offers a single RF receive and transmit paths in the 70 MHz to 6.0 GHz range.

ADRV9364-Z7020 is a fully tested and verified SOM that combines the RF signal path and high-speed programmable logic.

ADRV9364-Z7020 forms the RF-to-baseband signal processing core of a wireless communications system, allowing the designer to focus on other differentiating features.

ADRV9364-Z7020 has available carrier cards for fast prototype and is supported by simulation and code generation tools that integrate seamlessly with Xilinx Vivado® Design Suite.

ADRV9364-Z7020 enables reduced time to market of SDR product designs.