CYGNUS-ZN2 Carrier Board
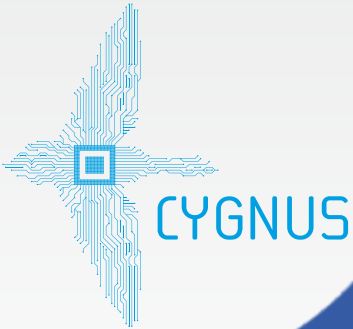
Description

Cygnus-ZN2 Carrier Board is an evaluation card designed to accelerate the users' own hardware and software development cycles when using the Cygnus family of System-on-Modules as the main processor unit. Utilizing the Carrier Board and Cygnus-ZN SoM solutions of Artron together reduces the engineering effort of development teams seriously and brings the advantage of focusing solely on target application. Hardware design files for the Cygnus-ZN2 Carrier Board are fully open for the customers. This will allow the developers to build their own design on a proven hardware platform. A complete Board Support Package (BSP) is available furthermore.

Carrier board provides all the necessary power sequencing, clock & reset control, JTAG interface for programming and debug, I/O accessibility and several communication interfaces. An LPC FMC interface is also supported for custom expansion purposes. You can visit www.artron.com.tr/cygnus for the most up-to-date product information.

Features

- Flash-based FPGA used as Carrier Management Controller
- Available Interfaces
  - SD Card
  - Gigabit Ethernet
  - HDMI
  - FMC LPC
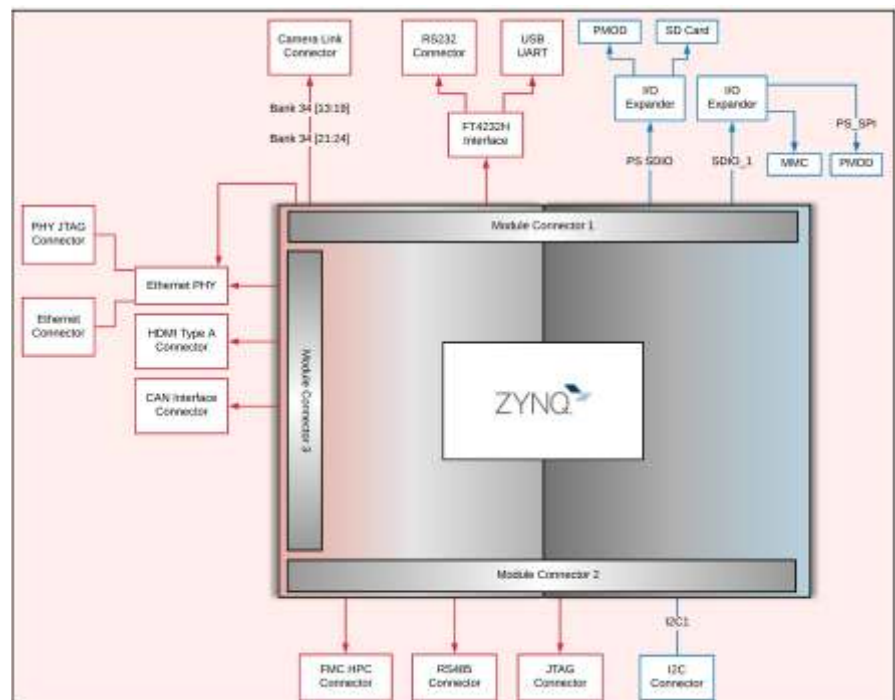 - PMOD
  - CAN
  - RS485
  - RS232
  - I2C

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XILINX
ALLIANCE PROGRAM
MEMBER

Mechanical Properties

Dimensions
190 x 120 mm

Ordering Information

Part Number	Definition	Pricing
ART-CYG-ZN2-CB	Cygnus-ZN2 Carrier Board	Contact us

Supported SoMs	Definition	Pricing
ART-CYG-ZN2Q-0720	SoM equipped with XA7Z020	Contact us
ART-CYG-ZN2Q-0714	SoM equipped with XA7Z014s	

Block Diagram