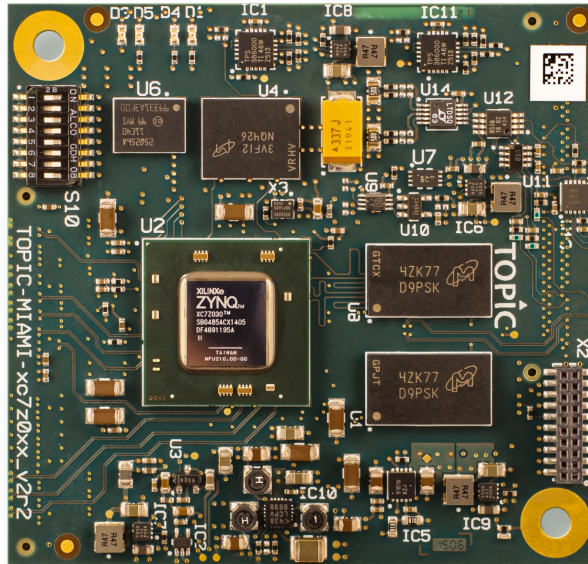


Miami Zynq

The Miami Zynq SoM is an embedded computer board, integrating all key functionalities to deliver a complete computing system, running e.g. Linux or FreeRTOS. The modules are based on Xilinx System on Chip technology, using Zynq-7012S/7015/7030 devices. With their small footprint and high reliability, they form an excellent platform for media centric applications.



Intelligence for Industry

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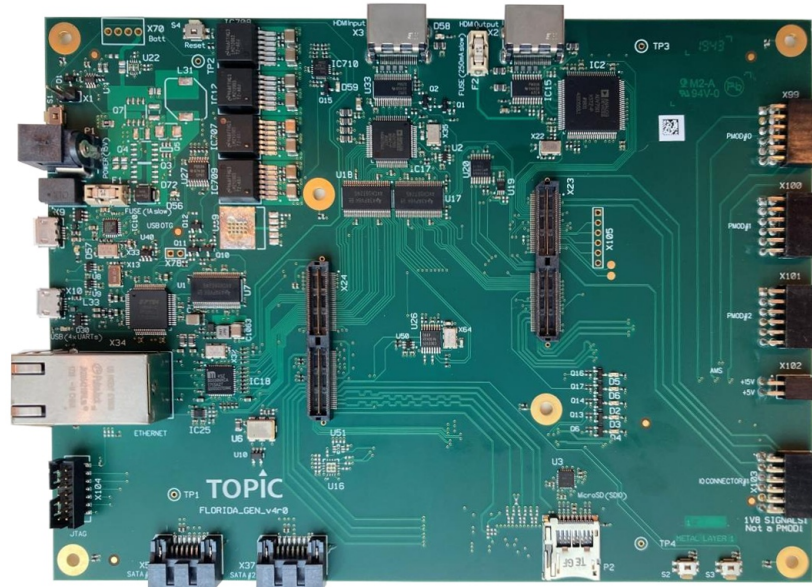
www.aries-embedded.com
info@aries-embedded.de

- Miami Zynq
 - XC7012S
 - XC7015
 - XC7030
 - 1 GB DDR3/DDR3L RAM
 - 2 MB Quad SPI NOR
 - 256 MB NAND
 - 8 KB EEPROM (4KB secure storage, 4KB normal storage)
 - Processor-Peripherals :
 - UART
 - I2C
 - MMC 33.1
 - GPIOs
 - USB 2.0 OTG
 - 1000Mbps Ethernet
 - 2xCAN
 - SPI
 - SD/SDIO 2.0
 - 4xPCIe GEN2
- Clock distribution
 - size : 65 x 68.4 mm
 - single 3.3V/4A supply
 - 2 x 120 pins Samtec board-to-board interconnect
 - supports DYPLO - dynamic process loader

Florida-GEN

Florida-GEN represents the flexible Evaluation and Prototyping Platform for working with the Miami MPSoC System on Module.

The Miami family of SoM provides the best in class platform Florida-GEN for balancing both performance and power, making it a perfect solution for applications that require high processing power, high speed interfaces, a high level of reliability and quality, the ability to optimize system interfaces and footprint and execute with real-time arithmetic and control.



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- Florida - GEN
 - Miami MPSoC ZU6/ZU9/ZU15
- Dyplo supported platform
- 2x Samtec QTH-060-01-L-D-A board-to-board interconnect
- 1x LAN (1000M/100M/10M)
- WiFi via USB or PMOD
- 4x UART via USB including primary console
- 2x Sata-3
- I2C via PMOD
- SPI via PMOD
- 1x USB 2.0 OTG
- 1x SD-Card/ SDIO
- 4x PMOD
- Audio via HDMI or USB
- HDMI 1.4 IO
- 1x JTAG
- 5x LES, 2X Input switches, 4x PMOD incl ADC GPIO
- single 12V or 15Vdc supply
- 0°C...+70°C