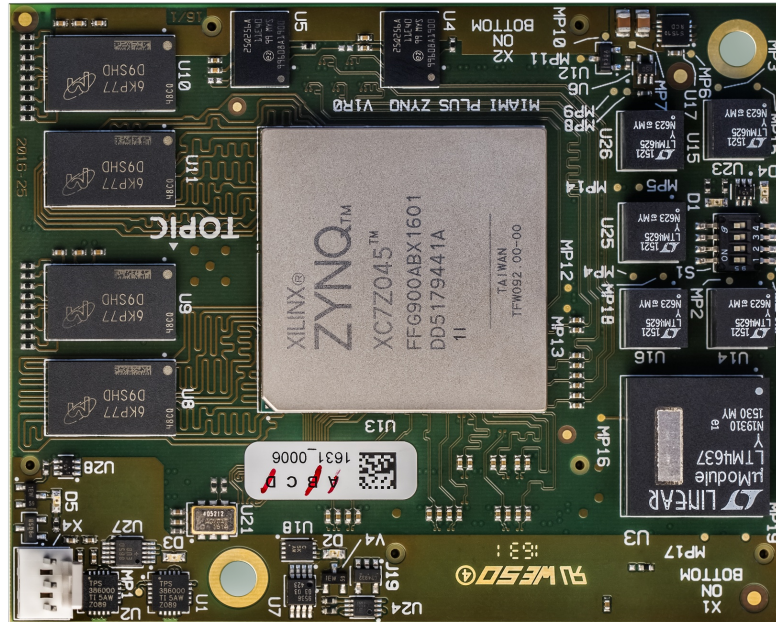


Miami Zynq Plus

The Miami Zynq Plus System on Module (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-7035/7045/7100 devices. With their efficient footprint and high reliability, they form an excellent platform for high bandwidth data processing applications.



Intelligence for Industry

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- Miami Zynq Plus
 - XC7035
 - XC7045
 - XC7100
- 1 GB DDR3/DDR3L RAM (connected to FPGA)
- 1 GB DDR3/DDR3L RAM (connected to CPU)
- 64 MB 2xQuad SPI NOR
- 7 KB EEPROM (3KB secure storage, 4KB normal storage)
- Processor-Peripherals :
 - UART
 - CAN
 - I2C
 - SPI
 - 8xPCIe GEN2
 - SATA-3
 - USB 2.0 OTG
 - 1000Mbps Ethernet
- Clock distribution
- size : 65 x 68.4 mm
- single 15V/3A supply
- 2 x 120 pins + 1x180 pins Samtec board-to-board interconnect
- + 3 pins connector for external Fan
- supports DYPLO - dynamic process loader