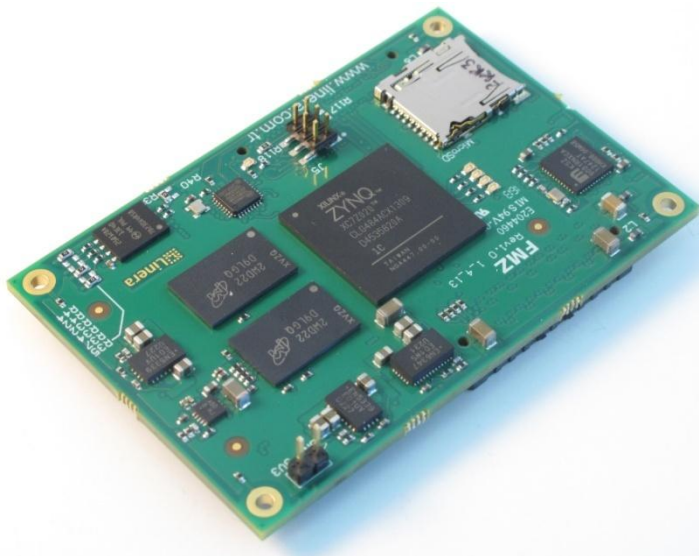# Linera FMZ-20 Series Processing Module with Xilinx ZYNQ SOC

PROCESSING POWER

FMZ series modules are equipped with a Xilinx Zynq SOC, which delivers an unprecedented processing power with 2 ARM-Cortex A9 processors and an Artix-7 FPGA in a compact package.

EASY INTEGRATION

FMUZ series processing modules can be mounted on a carrier board using 2 high-speed connectors. There are 120 I/O pins available to the end-user.

FEATURES

- 75x50mm board size
- Xilinx Zynq Z-7020 SOC with dual ARM-Cortex A9 processor and Artix-7 FPGA.
- 1GB DDR3 SDRAM
- MicroSD card slot
- Very easy to integrate: Single 3.3V supply
- Two 100-pin high speed board-to-board connectors to mount on a host-board, 120 User I/O pins
- Breakout board available
- UART, CAN, SPI, I2C, USB OTG and Ethernet interfaces on-board

APPLICATIONS

- FPGA co-processing
- Data acquisition
- Industrial control
- Semiconductor evaluation
- Digital system prototyping
- Test equipment development
- Image processing
- Video processing

BLOCK DIAGRAM

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