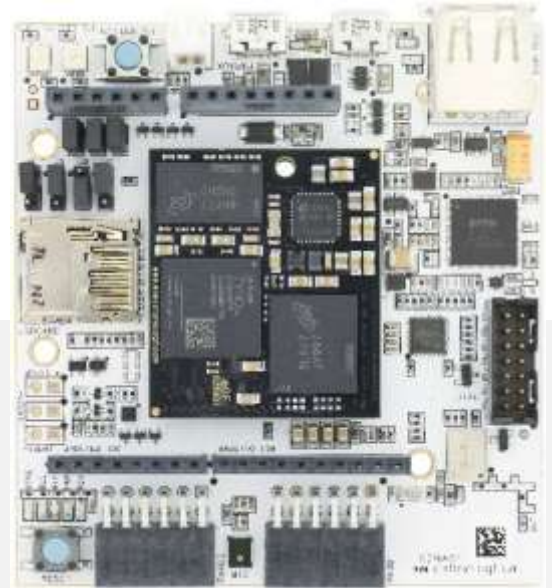# 3AT1026
Evaluation board for Blackpepper 225

Blackpepper™

FEATURES

- Designed to highlight Blackpepper 225 SoM series features
- Designed to speed up and simplify Blackpepper 225 based product development
- Sw compatible with MiniZed™ development board

CPU

- AMD Zynq® Z-7007S or Z-7010
- CPU Frequency: 666 MHz

MEMORY

- 512MB DDR3L

STORAGE / BOOT[1]

- 8GB eMMC
- 16MB QSPI FLASH
- microSD card slot (optional on request)

I/O PERIPHERALS

- 1 x USB 2.0 Host port
- 1 x USB Debug port
- 1 x JTAG Connector
- Arduino compatible connectors
- Dual PMOD Connectors
- WiFi / BT module on board (Murata 1DX)
- Motion and Temperature Sensor
- Audio Sensor
- Reset button
- User defined button
- FPGA Status LEDs
- User LEDs
- +5 VDC ±5% power supply

OPERATING SYSTEMS

- Yocto based PetaLinux

[1] eMMC and microSD are mutually exclusive as they share the same CPU physical pins.
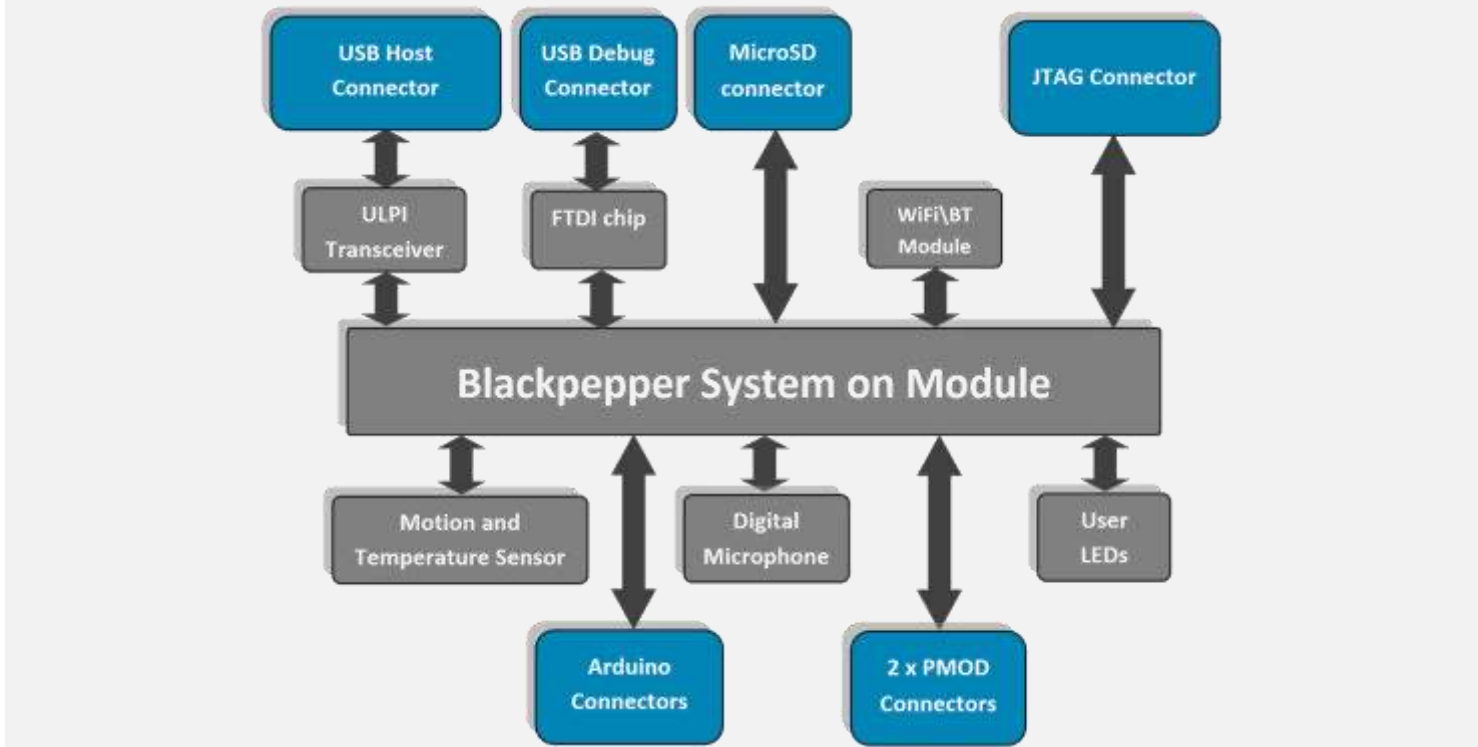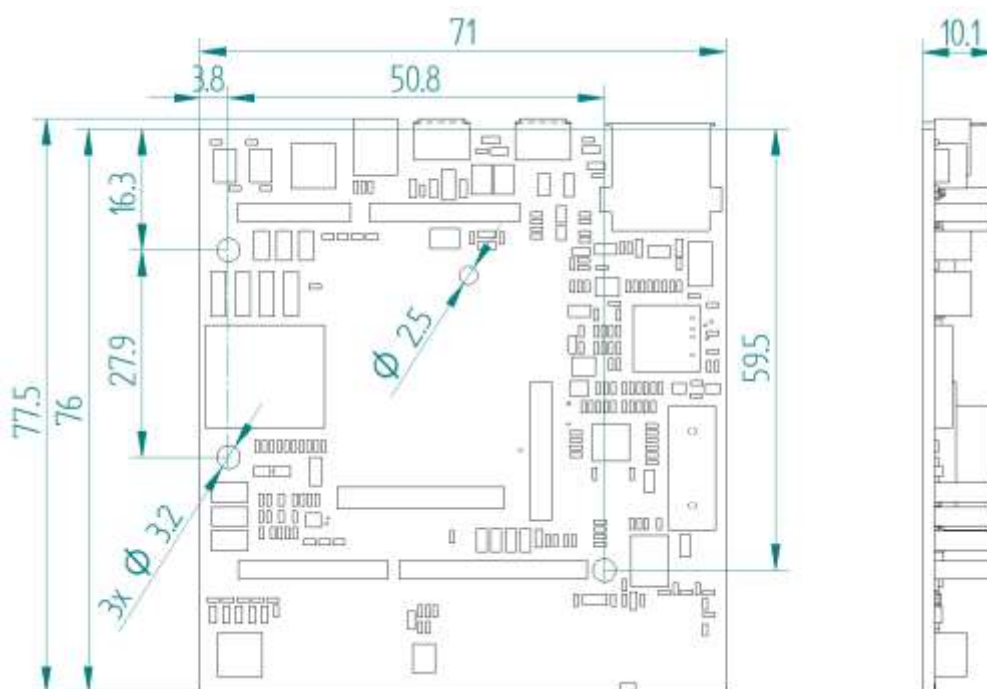
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BOARD DIAGRAM

DIMENSIONS (mm)

ORDERING INFORMATION

Ordering Code	Description
3AT1026_A01	EVB for Blackpepper 225 based on Z-7007S processor
3AT1026_B01	EVB for Blackpepper 225 based on Z-7010 processor

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