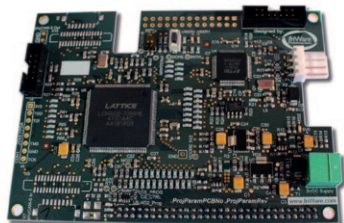# Expand your possibilities...

fri.IntellIO
embedded FPGA Module

- **phyBOARD Wega** (AM335x) and **phyBOARD Mira** (i.MX6) compatible
- create highly customized peripherals
- software independent functionality
- high-speed realtime data processing and data acquisition
- field programmable
- compatible with Raspberry PI
- LVDS / Camera in and out (phyCAM-S compatible)
- several power supply options (via baseboard, USB or external power supply)
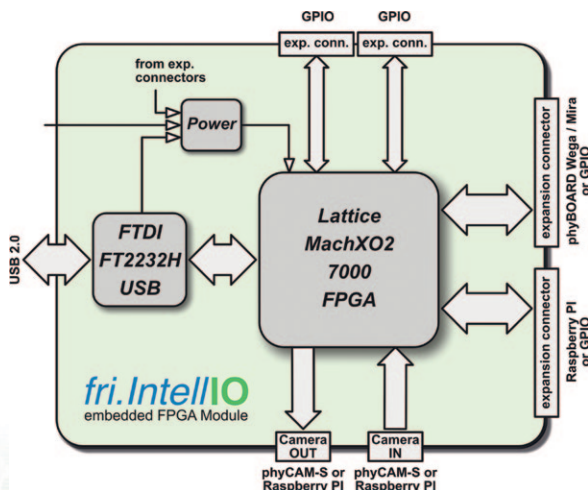- easy interfacing to embedded devices and PC's

Applications:
- high performance intelligent IO-Expander
- data acquisition
- light control
- motor control
- measurement equipment
- ...

Connectivity:
USB, SPI, I2C, UART, GPIO, LVDS, ...

Ready to use reference-design for hard and software (available soon)
Several add on boards (e.g digital-/analog-IO will be available soon)

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