

XLR8™

FPGA Development Kit



Programmable with Arduino

Rapidly develop your solution using the free and flexible Arduino IDE.

Hardware Xcelerator Blocks (XBs)

Take advantage of pre-installed XBs that target application-specific behavior such as floating-point math, motion control and sensor data acquisition.

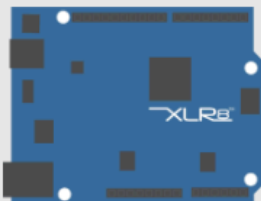
Enhanced Performance

Boost the speed and performance of your solution through FPGA powered acceleration and offload.

3 Easy Steps to Higher Performance

①

Buy XLR8



②

Install Arduino IDE



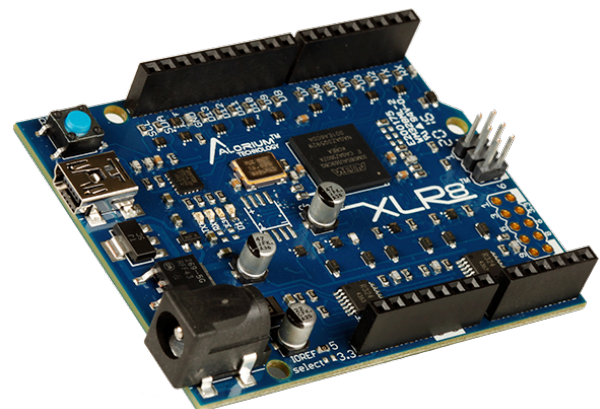
③

Improve Your Project!



XLR8 Technical Specifications

- Intel MAX 10 FPGA (8K LE)
- Embedded 8-bit Microcontroller
 - AVR Compatible
 - Selectable 16/32 MHz
- Integrated Hardware Acceleration
 - Pre-installed Xcelerator Blocks
 - Customizable FPGA fabric
- 14 Digital I/O Pins (5V)
- 6 Analog Pins
- Program FLASH: 32 KB
- Data Memory SRAM: 2 KB
- ADC Performance
 - Speed: 1 MHz
 - Resolution: 12-bit sustained
 - Sample Rate: 254k samples/second



Kit Includes

- XLR8 Board
- USB Cable