Snō™ + SnōMākr™

FPGA Development Kit

Compact, Embeddable Footprint
The speed and performance of FPGA powered acceleration and offload in a small footprint.

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.

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

3 Easy Steps to Higher Performance

①	②	③
Buy Snō + SnōMākr Kit	**Install Arduino IDE**	**Accelerate your IoT Project!**
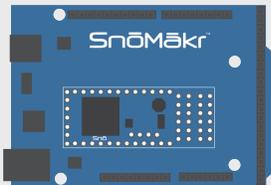
Snō Technical Specifications

- Intel MAX 10 FPGA (16K LE)
- Embedded 8-bit Microcontroller
  - AVR Compatible
  - Selectable 16/32 MHz
- Integrated Hardware Acceleration
  - Pre-installed Xcelerator Blocks
  - Customizable FPGA fabric
- 32 Dedicated Digital, 6 Shared w/ Analog (3.3V)
- 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
- Snō mounted on SnōMākr
- USB Cable