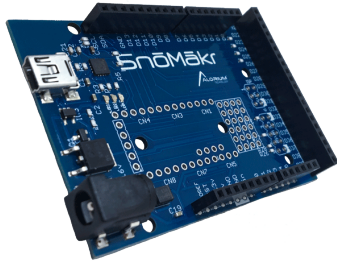# SnōMākr™
Breakout Board for Snō FPGA Module

Introducing SnōMākr

SnōMākr is a breakout board for Alorium Technology's Snō FPGA Module.

This board makes prototyping with Snō quick and efficient by providing convenient access to signal I/O in a familiar layout. SnōMākr is compatible with 3.3V Arduino shields, and designers can still access the additional 18 Snō digital signal pins when a shield is being used.

The on-board FTDI driver and voltage regulators allow connectivity with existing mini-USB cables and power adapters used for XLR8, Arduino Uno, or other development platforms.

Quickly and easily move your Snō-based project from idea to prototype with SnōMākr!
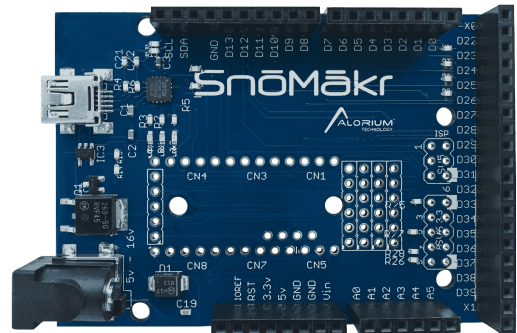
Technical Specs

Physical Specs
- 3 in. x 2.1 in.
- Matches Arduino Uno R3 layout
- Extra pin header for additional 18 digital I/O
- Snō board footprint vias for flexible connectivity options

Serial Interface
- USB FTDI interface to Snō board
- Arduino compatible

Power
- A/C power adapter barrel jack
- Input voltage: 5-16 VDC

Specifications When Paired with Snō*

Digital I/O
- 32 Dedicated Digital Pins
- 6 Shared with Analog Pins
- 3.3V Inputs
- 3.3V Outputs

Analog Inputs
- 6 Analog Pins
- 3.3V
- ADC Resolution: 12-bit sustained
- ADC Sample Rate: 254k samples/second

*Snō board sold separately

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