

Simply
Connected™ARMmite PRO
Single Board Controller
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ARMmite PRO

Single Board Programmable Controller

Features

- Arduino PRO footprint compatible
- Compatible with 5V shields
- FREE development software available for download
- BASIC compiler runs >10 million lines of codes/sec or use the pre-configured C compiler
- ARM7 CPU running at 60 Mhz
- Stand-alone operation
- 32K Flash memory and 8K SRAM memory
- 24 TTL compatible digital I/O
- 7 10-bit A/D converters, 100 KHz sample rate
- 8 Hardware PWM channels
- internal supplies of 5V, 3.3V and 1.8V

[Need More IOs, Speed or Memory ?](#)

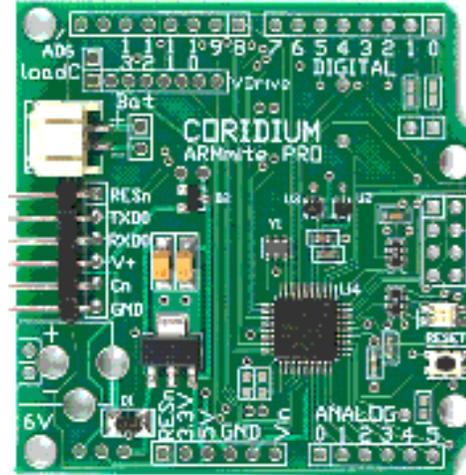
Digital Inputs and Outputs

- >1 million IO operations/sec
- SPI support builtin with 600 Kb transfer rate
- I2C support with 300 Kb transfer rate
- SHIFT routines for Sync serial busses at 600 Kb rate
- 1-Wire support
- Async SERIAL builtin support upto 1Mb
- Pulse timing and generation with 1 uSec resolution
- Frequency synthesis to 20 kHz
- TTL compatible, 2.4V threshold
- IOs 5V tolerant

Eval Kit Contents

- ARMmite PRO single board computer
- USB breakout board
- USB A-miniB cable
- Simply Connected™ software on CD

ARMmite PRO [User Guide](#)



Available as

- \$29.95 single board
- \$69 Eval Kit



Mechanical Specifications

Board Size	2.05 x 2.1 inches;
Operating Temperature	-40° to 85°C

Electrical Specifications

Input Power	6-12 VDC
Output Power	5V 300mA
Power Consumption	250 mW
Processor	ARM7 @ 60 MHz - LPC2103
Digital I/O	24 TTL compatible, 2.4V threshold, 5V tolerant
Analog Inputs	7 pins shared for 10-bit 3.3V A/D channels

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