Arduino Pro 328 & Pro Mini 328 Boards
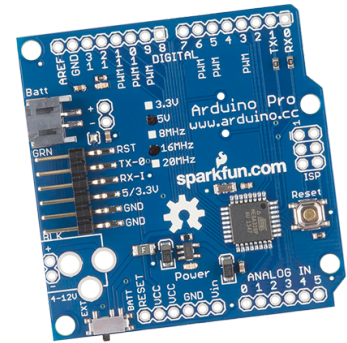
Product Overview
09/09/2022
For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

SparkFun Arduino Pro 328 and Pro Mini 328 Boards are based on the ATmega328 single-chip microcontroller and are available in 3.3V/8MHz and 5V/16MHz versions. These boards offer 14 digital input/output pins (of which 6 can be used as PWM outputs). The Arduino Pro 328 and Pro Mini 328 boards also have 6 analog inputs, a battery power jack, a power switch, a reset button, holes for mounting a power jack, an ICSP header, and pin headers. A six-pin header can be connected to an FTDI cable or the breakout board to provide USB power and communication to the board. These boards feature over-current protection and a maximum output of 150mA. The Arduino Pro board does not have connectors populated so that any connector or wire can be soldered with any orientation.

Features

- Arduino Pro 328:
  - Atmel ATmega328 running @ 8MHz or 16MHz external resonator
  - Low-voltage board needs no interfacing circuitry to popular 3.3V devices and modules
  - USB connection off-board
  - 3.3V or 5V regulator
  - 150mA maximum output
  - Over-current protection
  - Reverse polarity protection
  - 3.3V up to 12V DC input
  - Resettable fuse prevents damage to the board
  - Power select switch acts as an on/off switch
- Arduino Pro Mini 328:
  - Atmel ATmega328 running at 8MHz or 16MHz with external resonator (0.5% tolerance)
  - 0.8mm thin PCB
  - USB connection off-board
  - Supports auto-reset
  - 3.3V or 5V regulator
  - 150mA maximum output
  - Over-current protection
  - Weighs less than 2 grams

Features

- 5V up to 12V DC input
- Onboard power and status LEDs
- 8x analog pins
- 14x digital I/Os

Mouser Part Numbers

View All Parts

To learn more, visit https://www.mouser.com/new/sparkfun/sparkfun-arduino-pro-mini-328/