

DFROBOT

DFRduino Pro Mini 8 Mhz (Arduino Pro Mini compatible)

Product Code: DFR0132



The DFRduino Pro Mini (Arduino Pro Mini Compatible) is a microcontroller board based on the ATmega328.

It is an advance version of official Arduino Pro Mini. The DFRduino Pro mini has 8 analog inputs compared with official 6. The rest bits are exactly the same.

It has 14 digital input/output pins (of which 6 can be used as PWM outputs), 8 analog inputs, an on-board resonator, a reset button, and holes for mounting pin headers. A six pin header can be connected to an FTDI cable or [DFRobot breakout board](#) to provide USB power and communication to the board.

The DFRduino Pro Mini is intended for semi-permanent installation in objects or exhibitions. The board comes without pre-mounted headers, allowing the use of various types of connectors or direct soldering of wires. The pin layout is compatible with the Arduino Mini.

Specification

- ATmega328 running at 8MHz with external resonator (0.5% tolerance)
- Low-voltage board needs no interfacing circuitry to popular 3.3V devices and modules (GPS, accelerometers, sensors, etc)
- USB connection off board
- Supports auto-reset
- 3.3V regulator
- Max 150mA output
- Over current protected
- Reverse polarity protected
- DC input 3.6V up to 8V
- On board Power and Status LEDs

Documents

- [Pro Mini Home page](#)

Комплекующие для робототехники

Роботы для сборки

Собрать робота своими руками