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Arduino Mini 05 Light

The Arduino Mini is a small microcontroller board intended for use on breadboards and when space is at a premiumand. The revision 05 has a new package for the ATmega328, which enables all components to be on the top of the board. It also has an onboard reset button. The 05 version has the same pin configuration as revision 04.

Additional features coming with the 05 version are:

- new PCB layout and design
- onboard reset button

The Arduino Mini has 14 digital input/output pins (of which 6 can be used as PWM outputs), 8 analog inputs, and a 16 MHz crystal oscillator. It can be programmed with the USB Serial adapter or other USB or RS232 to TTL serial adapter. See the page on getting started with the Arduino Mini for instructions.

The light version is sold without the pre-soldered.

Technical Specifications

Microcontroller	ATmega328
Operating Voltage	5V
Input Voltage	7-9 V
Digital I/O Pins	14 (of which 6 provide PWM output)
Analog Input Pins	8 (of which 4 are broken out onto pins)
DC Current per I/O Pin	40 mA
Flash Memory	32 KB (of which 2 KB used by bootloader)
SRAM	2 KB
EEPROM	1 KB
Clock Speed	16 MHz