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The **Arduino BT** is a microcontroller board based on the ATmega168 (datasheet) and the Bluegiga WT11 bluetooth module (details and datasheet [pdf]). It supports wireless serial communication over bluetooth (but is not compatible with Bluetooth headsets or other audio devices). It has 14 digital input/output pins (of which 6 can be used as PWM outputs and one can be used to reset the WT11 module), 6 analog inputs, a 16 MHz crystal oscillator, screw terminals for power, an ICSP header, and a reset button. It contains everything needed to support the microcontroller and can be programmed wirelessly over the Bluetooth connection. Instructions are available for getting started with the Arduino BT.

Technical Specifications

Microcontroller	ATmega168
Operating Voltage	5V
Input Voltage	1.2-5.5 V
Digital I/O Pins	14 (of which 6 provide PWM output)
Analog Input Pins	6
DC Current per I/O Pin	40 mA
DC Current for 3.3V Pin	50 mA
Flash Memory	16 KB (of which 2 KB used by bootloader)
SRAM	1 KB
EEPROM	512 bytes
Clock Speed	16 MHz

If you want to give a closer look to this board we advice you to visit the official Arduino Bluetooth page in the Hardware Section.