Fishino MEGA

Fishino Mega is an evolution of Fishino UNO, and it's 100% compatible with Arduino Mega. Having bigger dimensions, it provides many more I/O ports and bigger processor's memories than Fishino UNO; it can also be powered by a single cell LiPo battery, with embedded charger:

Fishino Mega

Power supply:

- 5Volt from microUSB connector
- 5 Volt in +5V pin
- from 3.5 to 20 Volt on Vin input
- from 3.5 to 20 Volt on supply plug
- single cell, 3.7 Volt LiPo battery on bat connector

Digital levels :

- 5 Volt

Controller :

- 8 bit ATmega 2560

Clock :

- 16 MHz

Memory :

- 256 KBytes Flash
- 8 KBytes RAM
- 4 KBytes EEPROM

I/O ports :

- 54 digital ports of which 16 PWM enabled
- 16 analogic inputs
- 2-6 additional 3.3V digital I/O on WiFi module
- 1 additional serial port on WiFi module
- 1 additional analog input on WiFi module

Available interfaces :

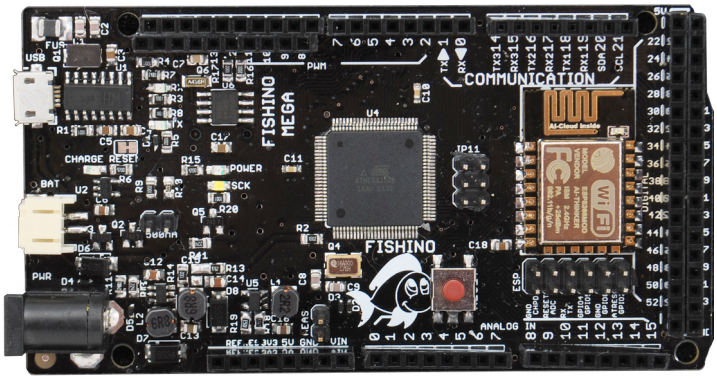
- 1 x SPI
- 1 x I2C

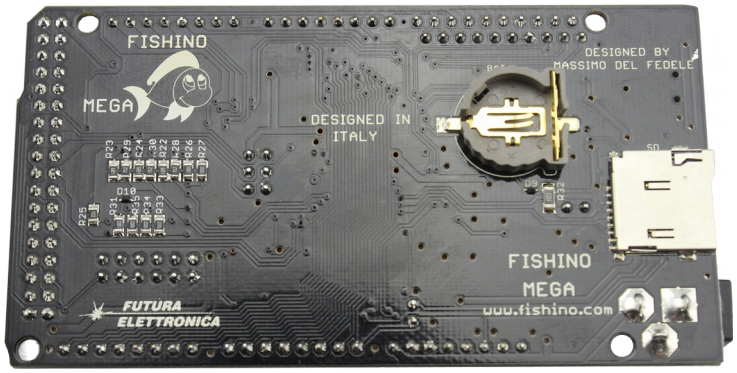
Additional modules on board :

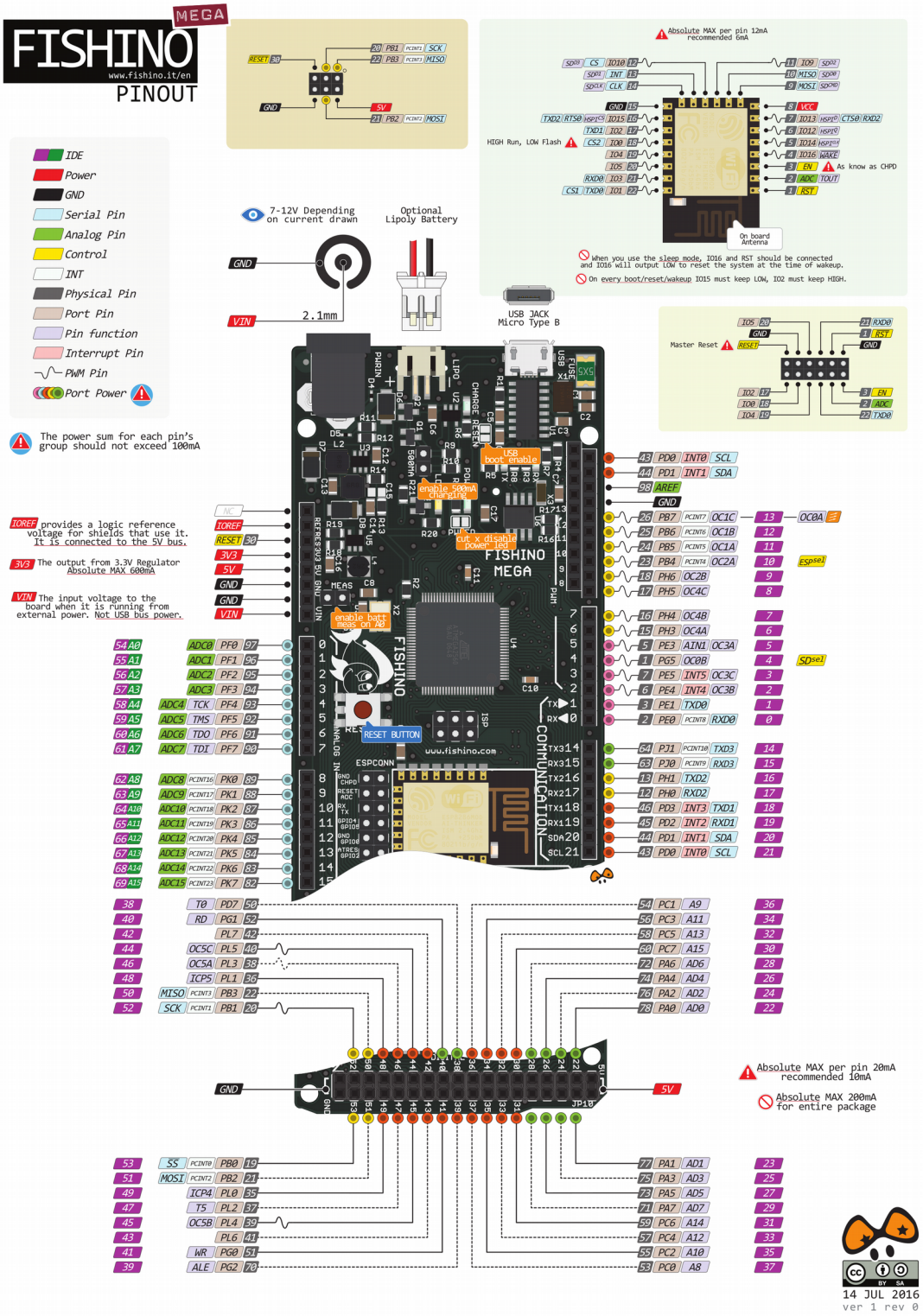
- WiFi
- microSD connector
- RTC module with backup battery

Special features :

- Full switching power supplies
- Sketches can be uploaded by WiFi







Links :

Official website, with technical details, libraries, demo, apps and firmware updates:
www.fishino.com

Open-Electronics website with an overview of all Fishino boards family, technical details, articles and demos:
www.open-electronics.org/tag/fishino/