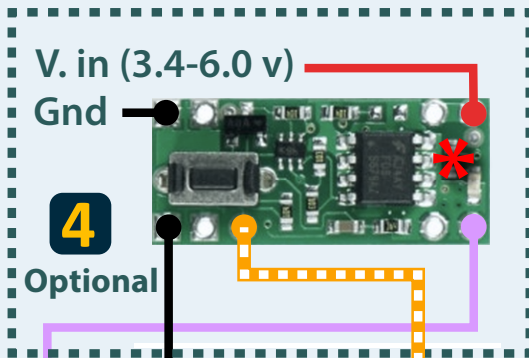
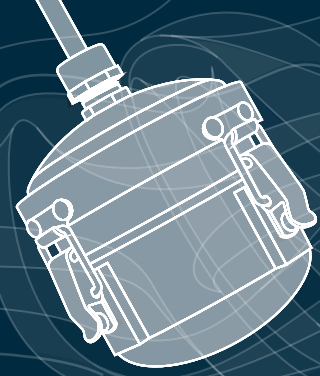


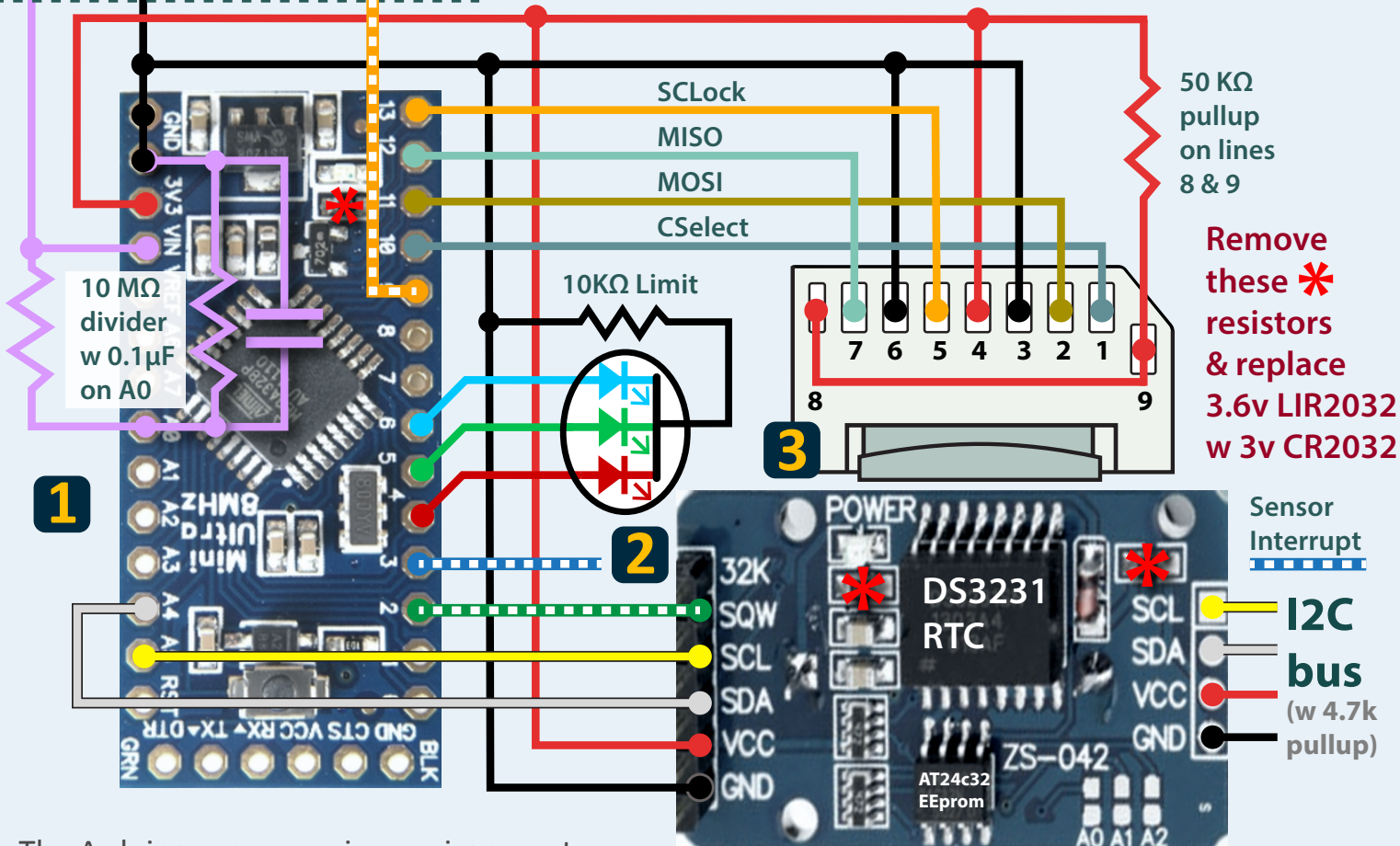
# the Cave Pearl

A DIY data logger

Wiring Diagram & Links



- 1 3.3v ProMini or equivalent
- 2 Ds3231 RTC & AT24c32 eeprom
- 3 Raspberry Pi  $\mu$ SD card adapter
- 4 Pololu Power Switch LV (Adds 0.3 mA to sleep current)



The Arduino programming environment:

<http://arduino.cc/en/Main/Software>

Instructions and links to components suppliers:

<http://edwardmallon.wordpress.com/read-the-blog/>

Open source software to run the data logger:

[https://github.com/EKMallon/The\\_Cave\\_Pearl\\_Project\\_CODEbuilds](https://github.com/EKMallon/The_Cave_Pearl_Project_CODEbuilds)