# Files

- *model.skp* is a Sketchup file, used to find dimensions and locations for the board and enclosure cutouts. *model.pdf* is an export of this file.
- *schematic.fzz* is a Fritzing file with the circuit schematic. *schematic.pdf* is an export of this file.
- *firmware.ino* is a text file containing the source code. It can be uploaded to the chip over USB using either the Arduino IDE or from the command line using Ino.
- *bom.pdf* is the bill of materials.

# Circuit notes

The following components are not included in the schematic:

1. The USB receptacle's metal shielding is connected to ground through a 1MΩ resistor and a 10nF capacitor.
2. Another capacitor is placed between Gnd and Vcc.

Also, note that the resistors and capacitors are not included in the bill of materials.