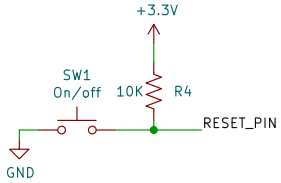
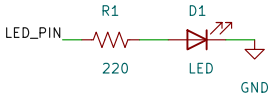
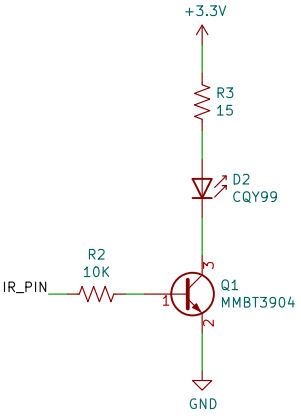
Toggle power on/off by using the reset line to toggle the MCU between running and sleep:
http://www.technoblogy.com/show?VOO



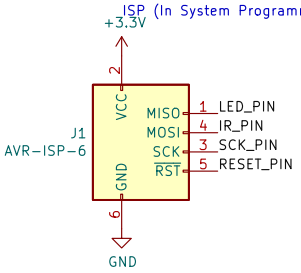
Green LED status indicator. Number of blinks:
1 – device has turned on
2 – device is about to be turned off
5 – device has low battery



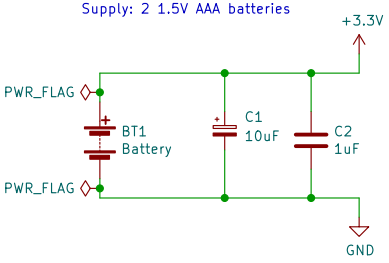
IR LED for sending pulses to the
IR receiver on the vaccum cleaner.



ISP (In System Programming) header

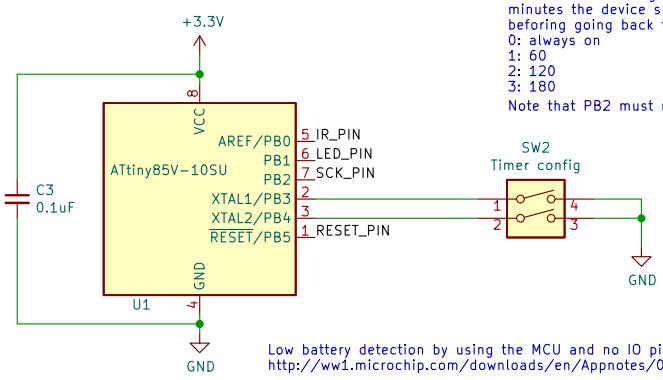


Supply: 2 1.5V AAA batteries



DIP switch to configure how many
minutes the device should be active
beforing going back to sleep:
0: always on
1: 60
2: 120
3: 180

Note that PB2 must not be connected to GND when programming.



Low battery detection by using the MCU and no IO pins. Measure battery voltage by setting the ADC reference to VCC:
http://ww1.microchip.com/downloads/en/Appnotes/00002447A.pdf

Per Thomas Jahr

Sheet: /
File: ir_beacon.kicad_sch

Title: IR beacon for vacuum cleaner

Size: A4	Date: 2019-11-12	**Rev: 1.0**
KiCad E.D.A. kicad 6.0.4-1.fc35		Id: 1/1