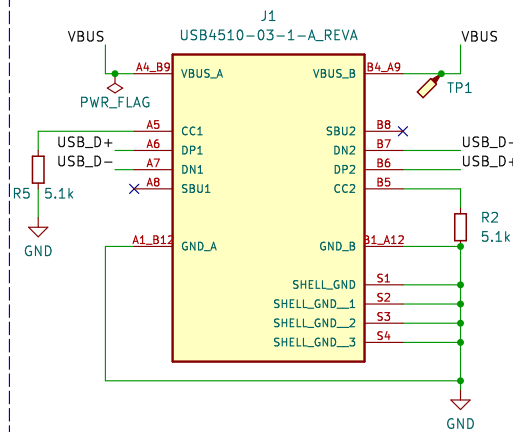
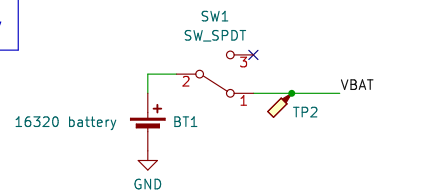


USB-C

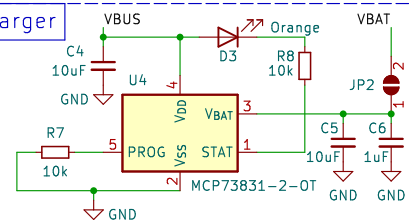


Battery

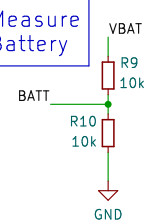


Power source is either the USB-C or rechargeable battery 16320 with a little switch to turn on the battery power.

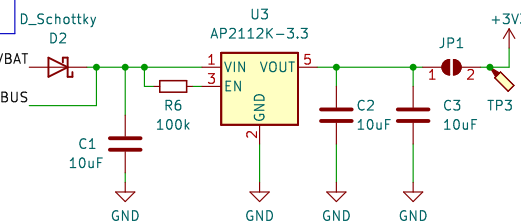
Charger



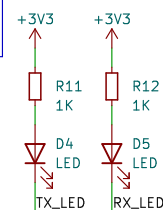
Measure Battery



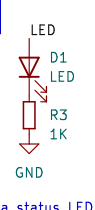
LDO



TX/RX LEDs

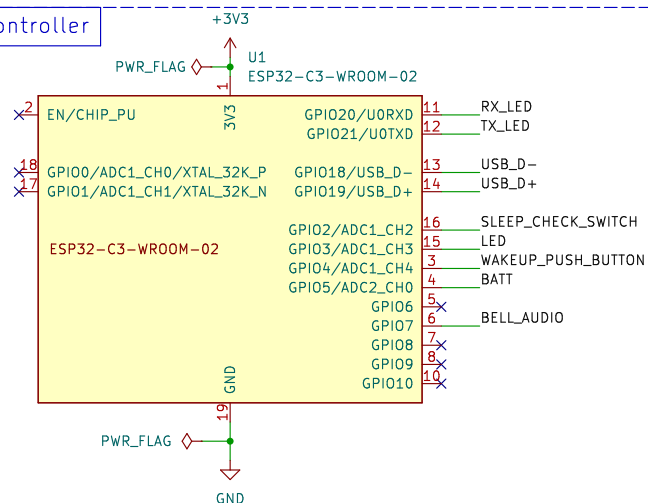


LED

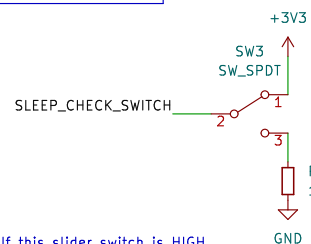


Just a status LED

Microcontroller

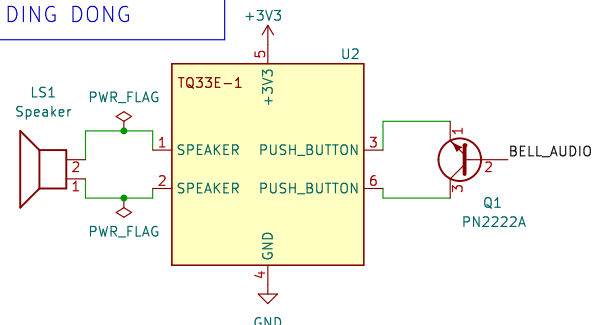


SLEEP CHECK

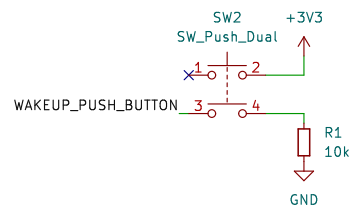


If this slider switch is HIGH, the MCU will stay awake. In production use, the bell should go back to sleep immediately.

DOOR BELL AUDIO DING DONG



DOOR BELL BUTTON



The push button is the door bell button. It will wake up the MCU to eventually connect to WiFi, check NTP time and then sound the bell.

Description: Retrofit a wired doorbell to add WiFi and make it connected
License: CC-BY-SA 4.0 or TAPR
Project website: <https://hutscape.com/capsicum>
Authored by: Sayanee Basu

Sheet: /
File: capsicum.kicad_sch

Title: Capsicum

Size: A4 Date: 2023-11-28
KiCad E.D.A. kicad 7.0.8

Rev:
Id: 1/1