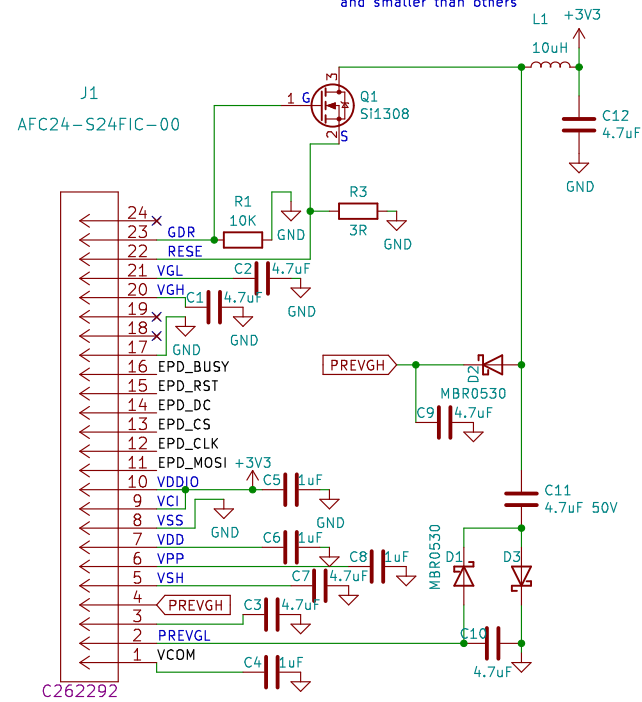


## HV boost circuit

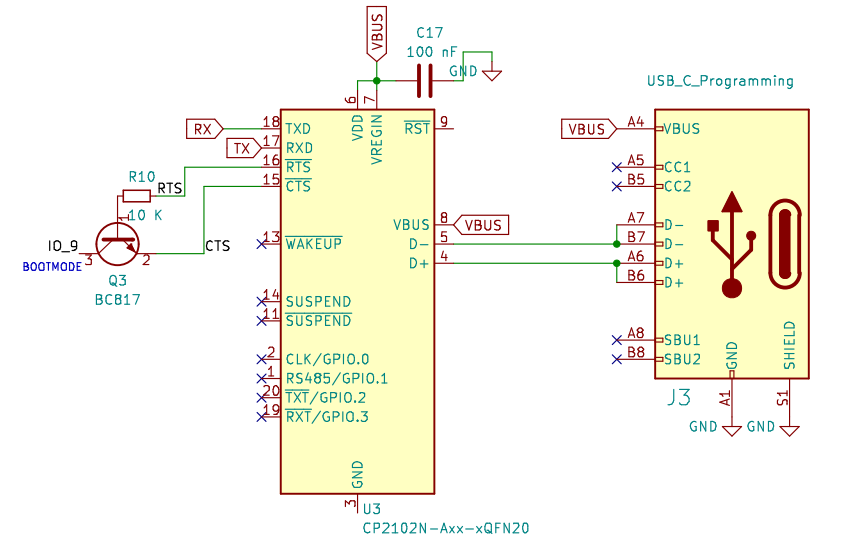
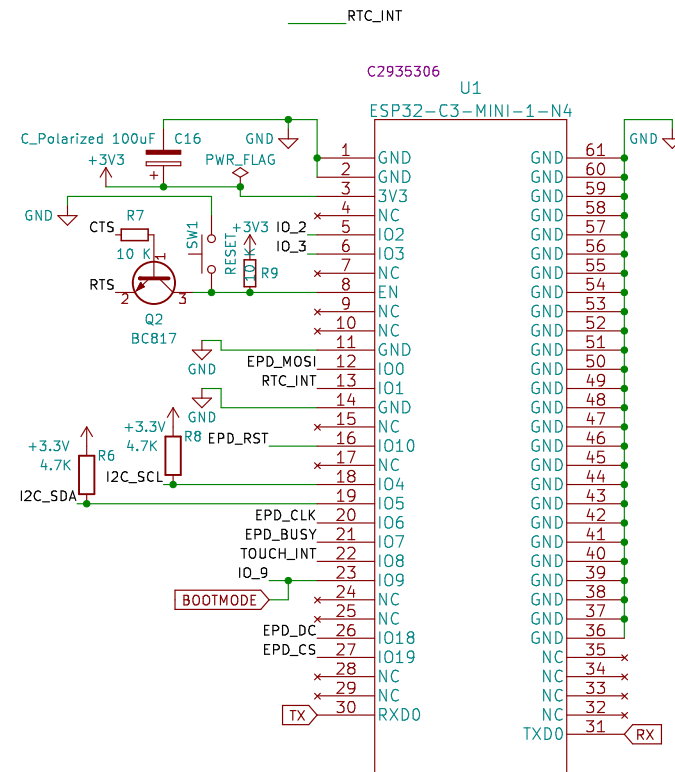
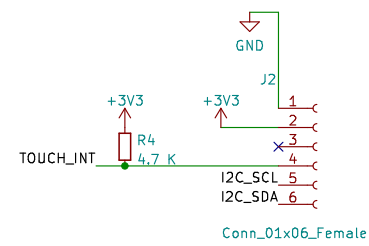
ATTENTION: C12 is 0603 and smaller than others



TODO:

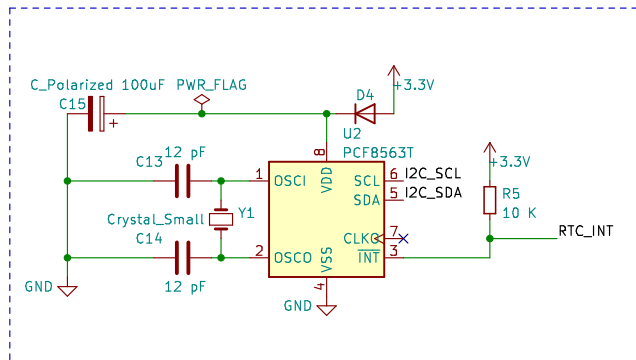
- 1 Add Touch FPC
- 2 TP4055 Bat. charge + LED

- 6 FPC Touch I2C connector



IMPORTANT: This QFN20 version does not have a CTR pin. I've read comments that CTS might work instead:  
<https://www.reddit.com/r/AskElectronics/comments/ta5fbt/comment/hzz5ia/>

## PCF8563T Real time clock via I2C



## Charge and power management

GATE input voltage is LOW then P-channel MOSFET connected in the circuit will be turned ON letting VBAT flow to LDO

