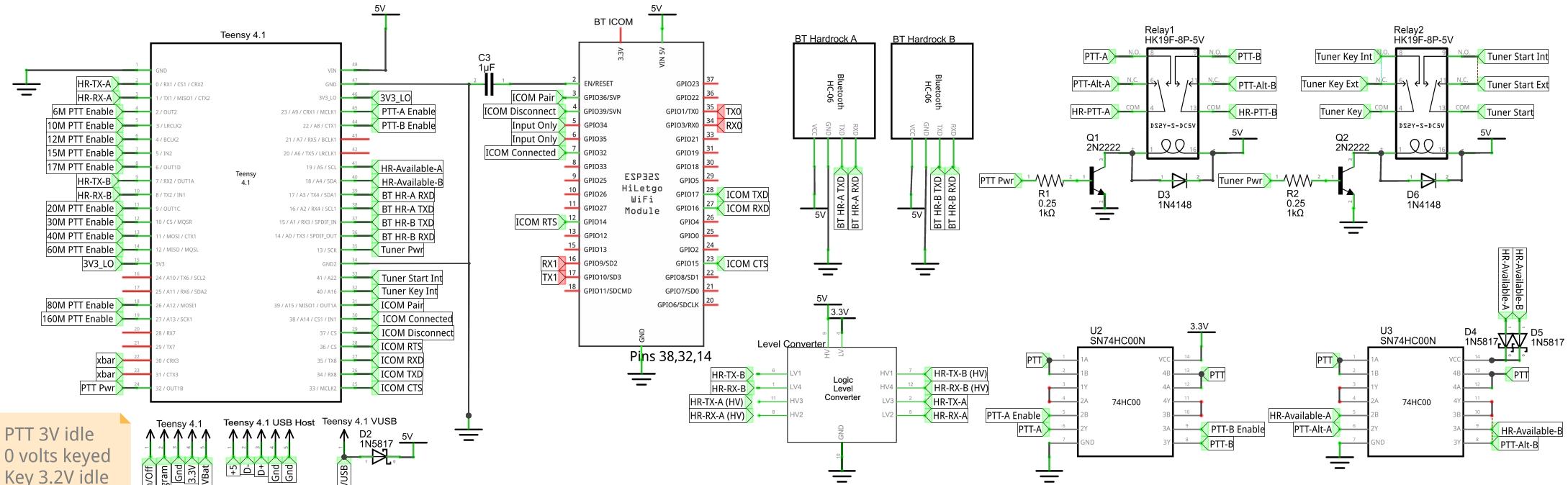


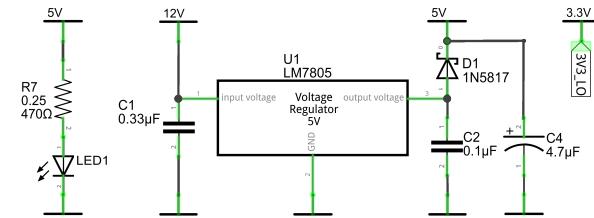
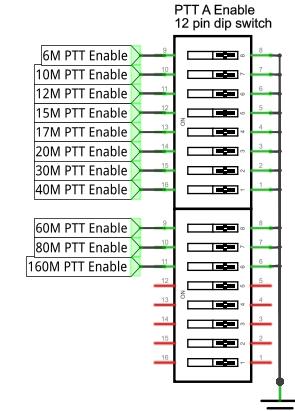
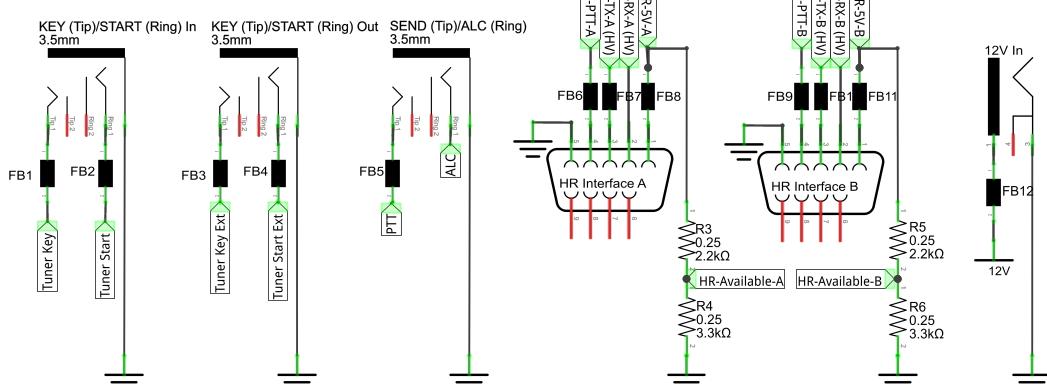
Cut to separate VIN  
from VUSB,  
if using external  
power

### 3.3V Power

Teensy 4.1 has a voltage regulator which reduces the 5V VUSB / VIN power to 3.3V for use by the main processor and most other parts. Additional circuitry may be powered from the 3.3V pin. The recommended maximum for external 3.3V usage is 250mA. Teensy 4.1 is not meant to receive power on its 3.3V pin, but this can be done with [special modifacaton](#).



PTT 3V idle  
0 volts keyed  
Key 3.2V idle



Hardrock 500/50 Integration to ICOM IC-705		
Project	Hardplace 705+ Version 3	
Filename	Hardplace_705+.fz	Rev .01
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