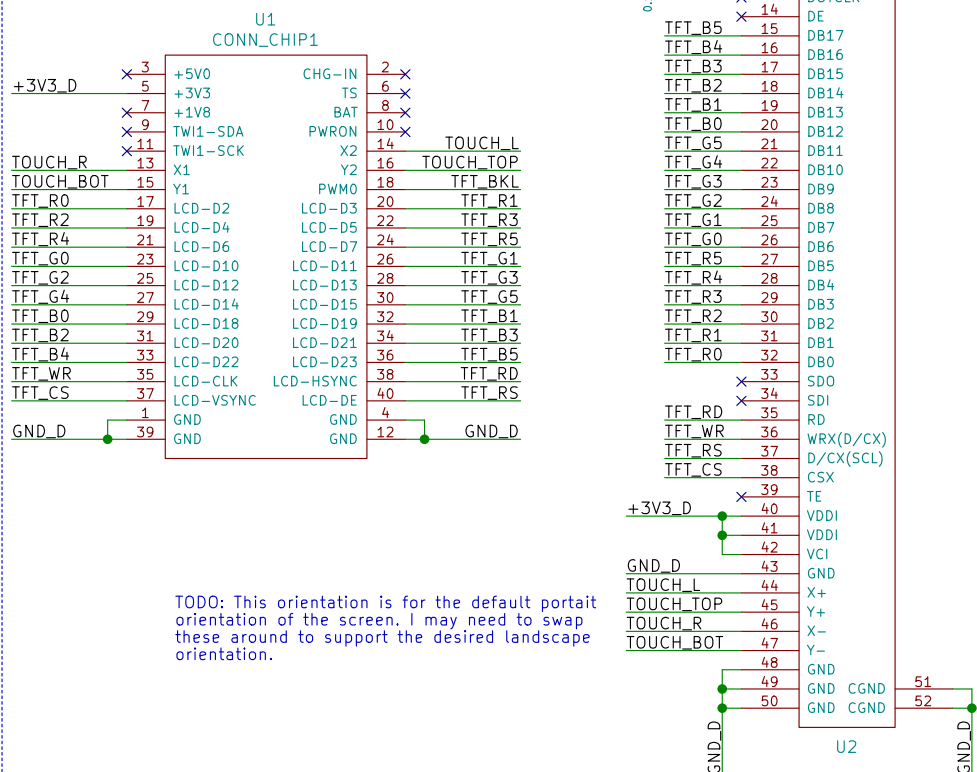


DISPLAY

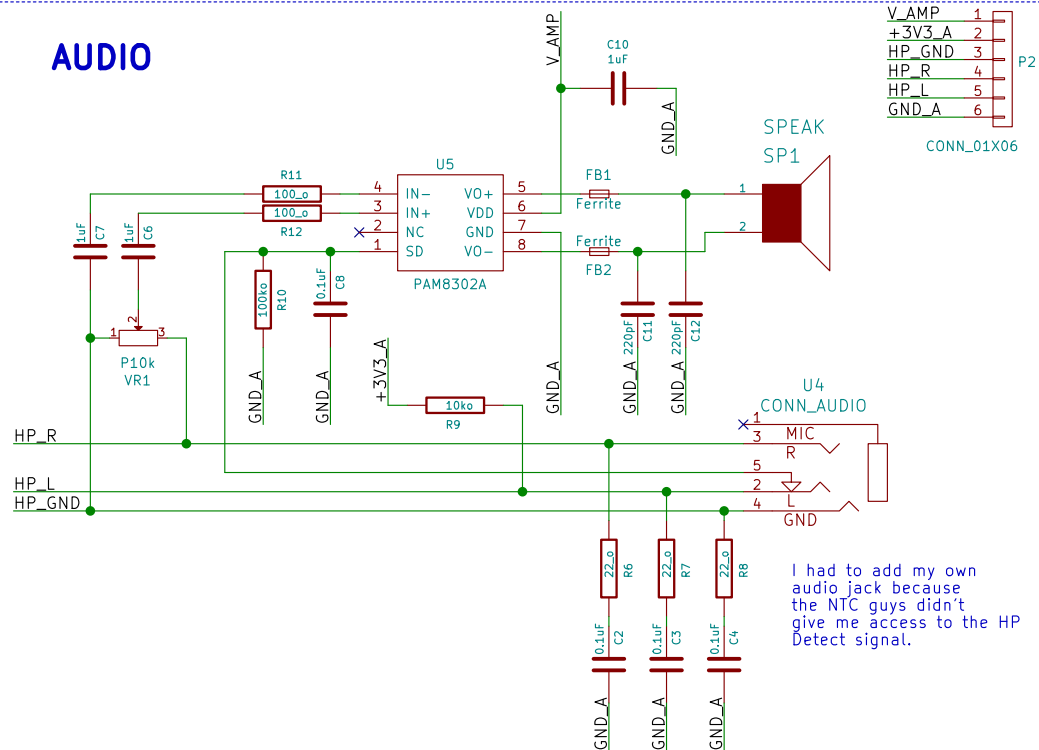
Note: I could have used +5V0 here with 100 Ω resistors for better accuracy, but I went with +3V3 with 4.99 Ω resistors for increased efficiency. If the +3V3 rail cannot support that much current, then I will change this later.

Note: Setting [M3,IM0] = 0011 configures the display for 8080 MCU 18-bit interface I. I may need to change this during testing to the 8080 MCU 18-bit interface II but once I have the right interface, it should be hard wired.



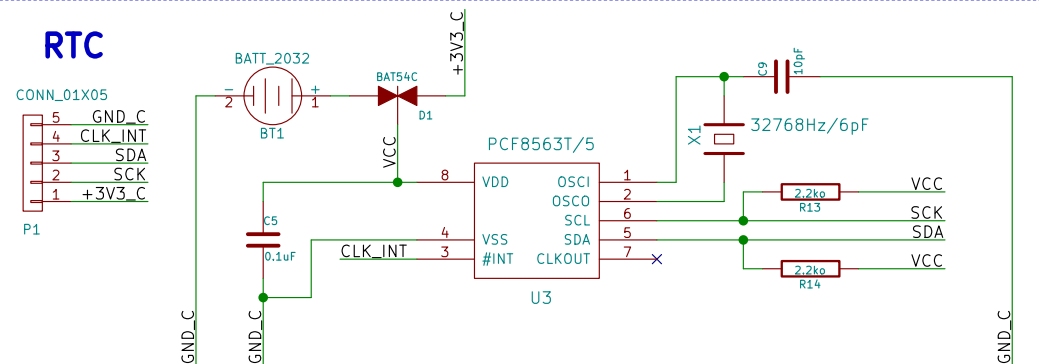
TODO: This orientation is for the default portrait orientation of the screen. I may need to swap these around to support the desired landscape orientation.

AUDIO



I had to add my own audio jack because the NTC guys didn't give me access to the HP Detect signal.

RTC



Prime8Bit

Sheet: /

File: Marmoset_Breakout.sch

Title: Marmoset

Size: A4

Date: 21 feb 2015

KiCad E.D.A. kicad (2016-04-11 BZR 6687, Git f239aee)-product

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