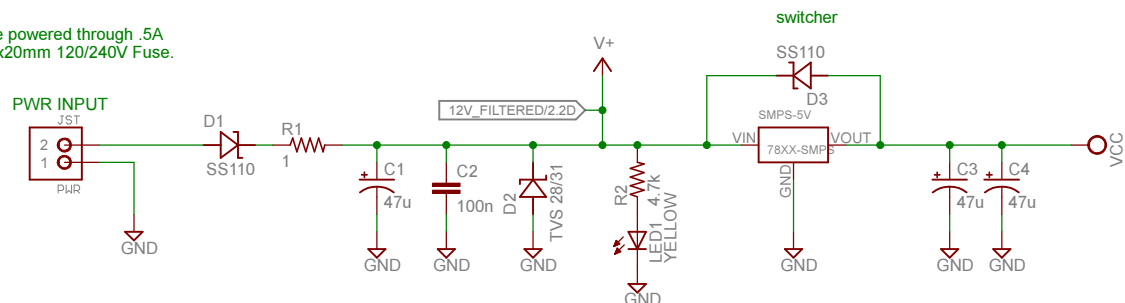


Board will be powered through .5A
Fast Blow 5x20mm 120/240V Fuse.

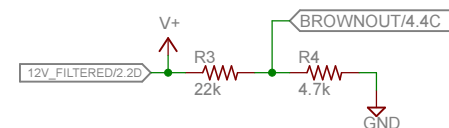


Performance Notes:

- Freescale 32bit processor @ 48 MHz (Teensy 3.1)
- Vin 7-28V, 200mA @ 12V, 125mA @ 24V
- OVP @ 30V. Requires inline fuse for proper operation.
- Board has upto 100V reverse polarity protection.
- Board shall be fused with 0.5A or 0.3A Fuse.
- 5V output: LCD + 200mA With <20mVpp ripple.
- 3.3V output: 100mA With <1mVpp ripple @10khz
- Filtered input voltage: 30V OVP, LPF -20dB @ 30kHz

Board Notes:

- 1) PCB = 3.9x2.4in
- 2) two fiducials, 1st at 1,1 inches from LL, 2nd at 3,0.5 inches from LL.



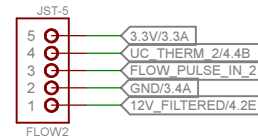
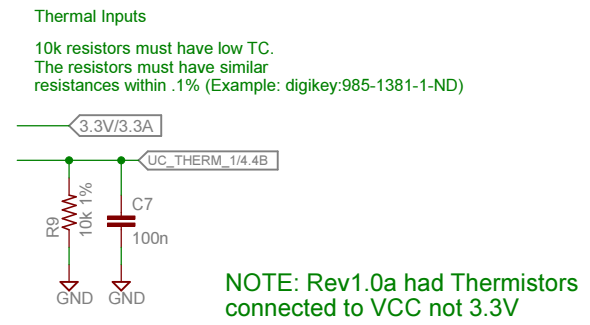
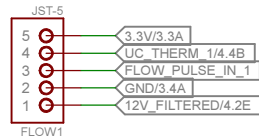
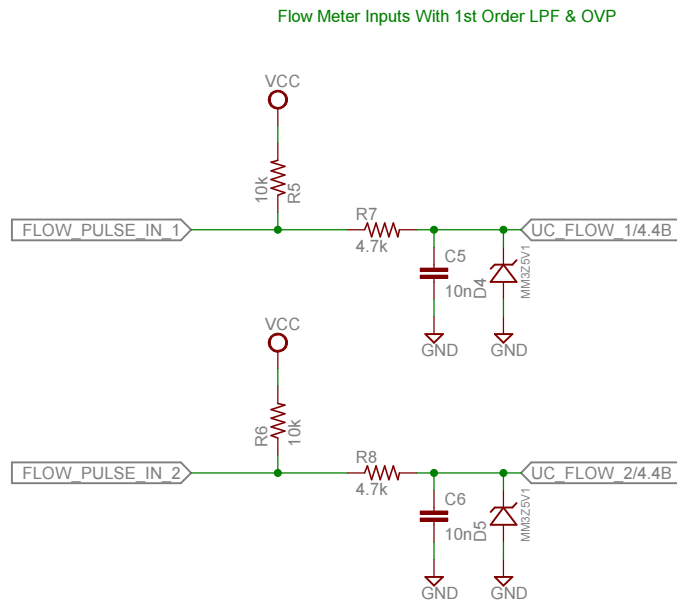
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1.0b

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1.0b

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1 2 3 4 5 6

A

A

B

B

C

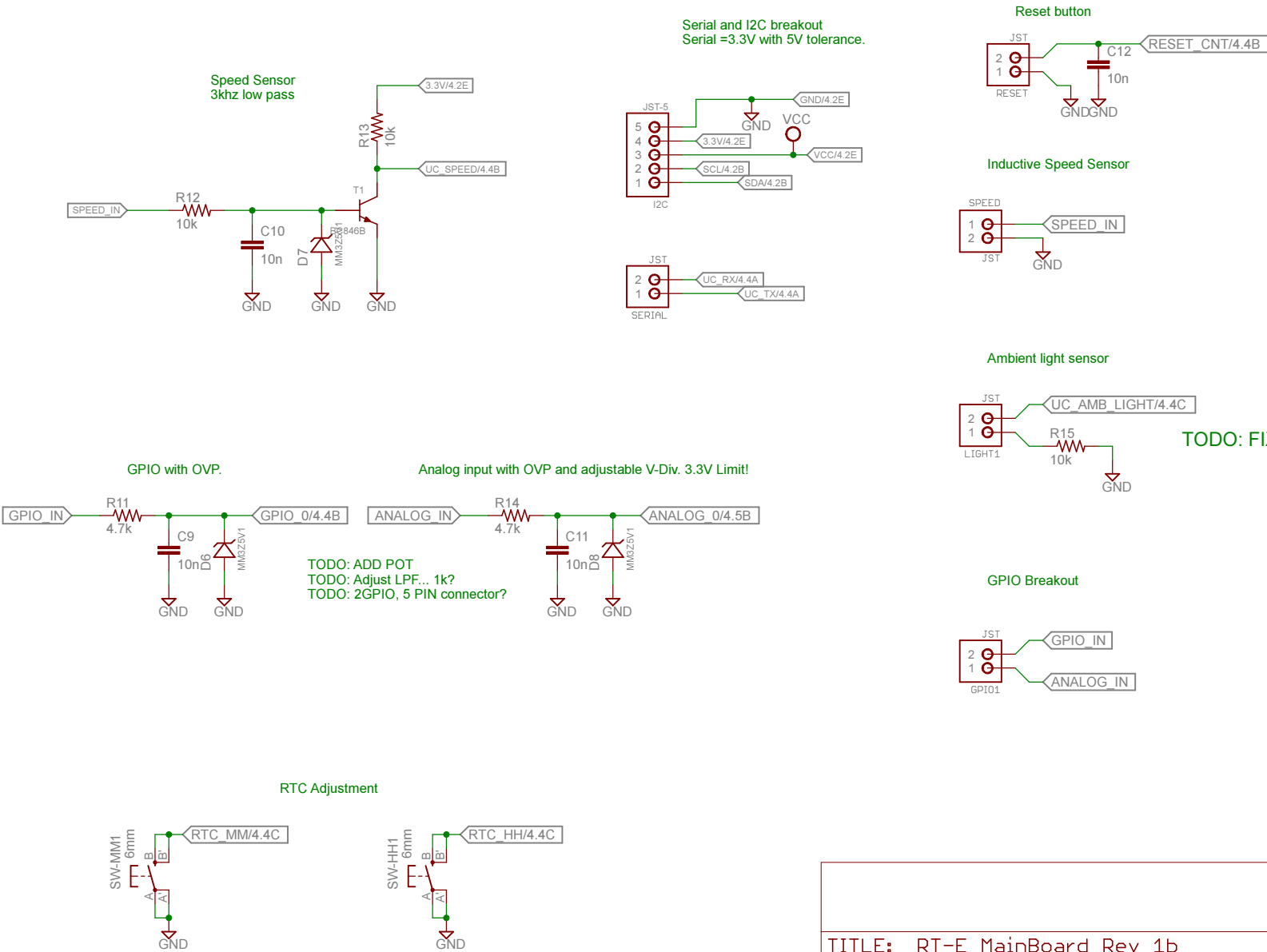
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D

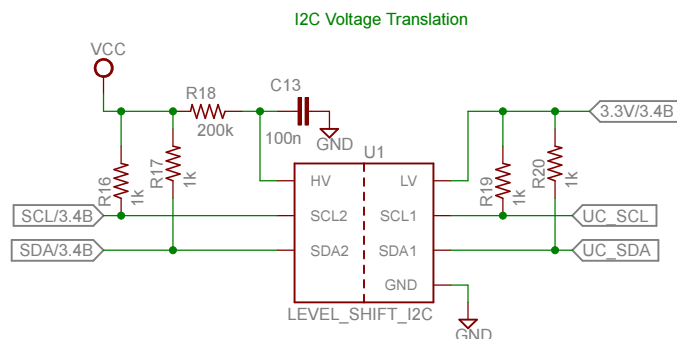
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E

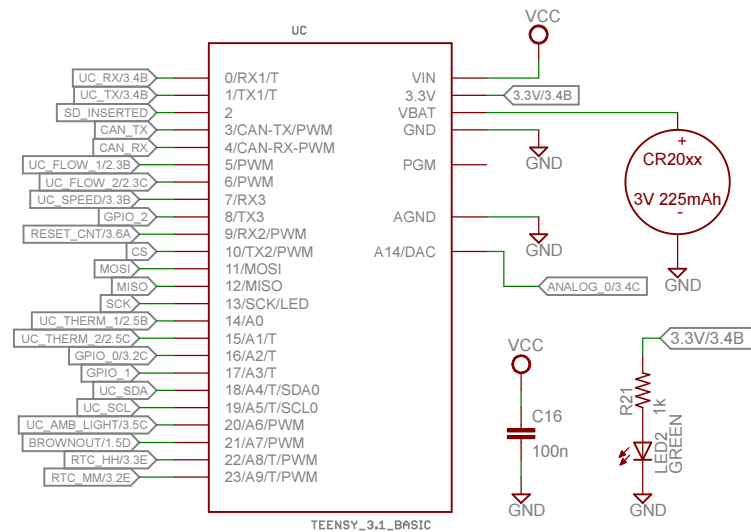
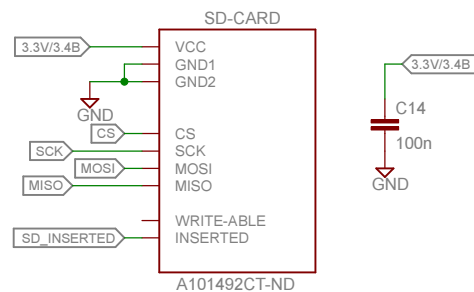
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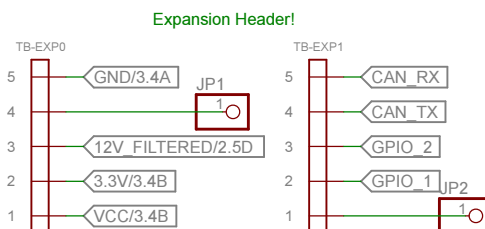
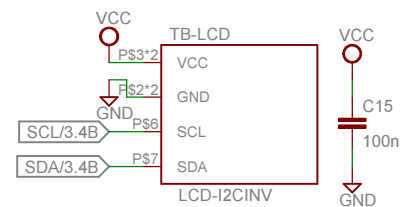
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NOTE: Pullups were 4.7k in Rev 1.0a (X4)



Need to solder crystal to teensy



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