

**BQ24075 Note**

ILIM resistor  
 - datasheet pg 8, K for 500-1.5A is 1610  
 -  $R = K/I_{lim} = 1610/1.0A = 1.61k \text{ Ohm}$

Nearest 1% resistor is 1.62k Ohm

- ISET resistor is recommended 1.13Kohm for 800ma. Using 1k for common resistor. Can do more tests in future

Using ILIM resistor current mode  
 - EN1 pulled down  
 - EN2 pulled to OUT

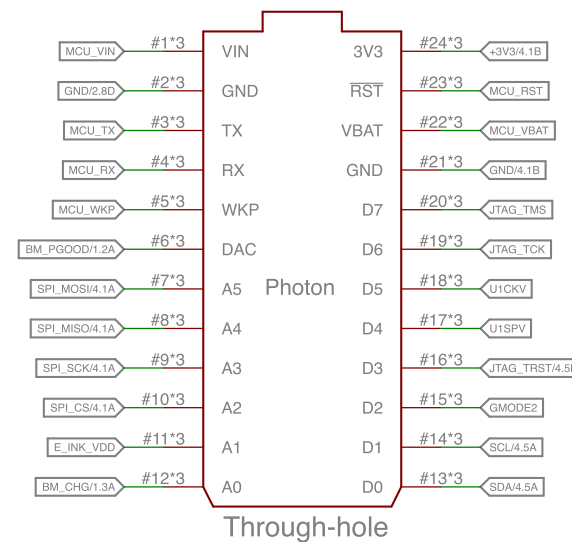
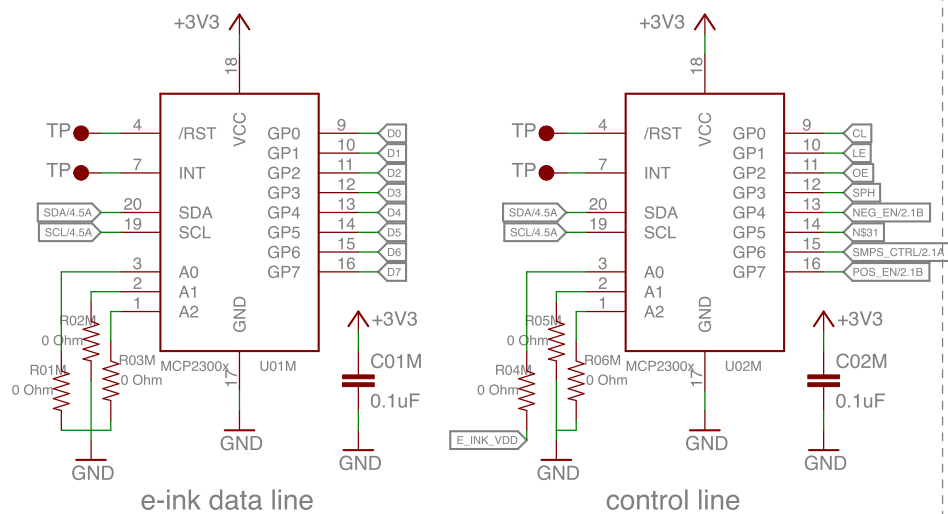
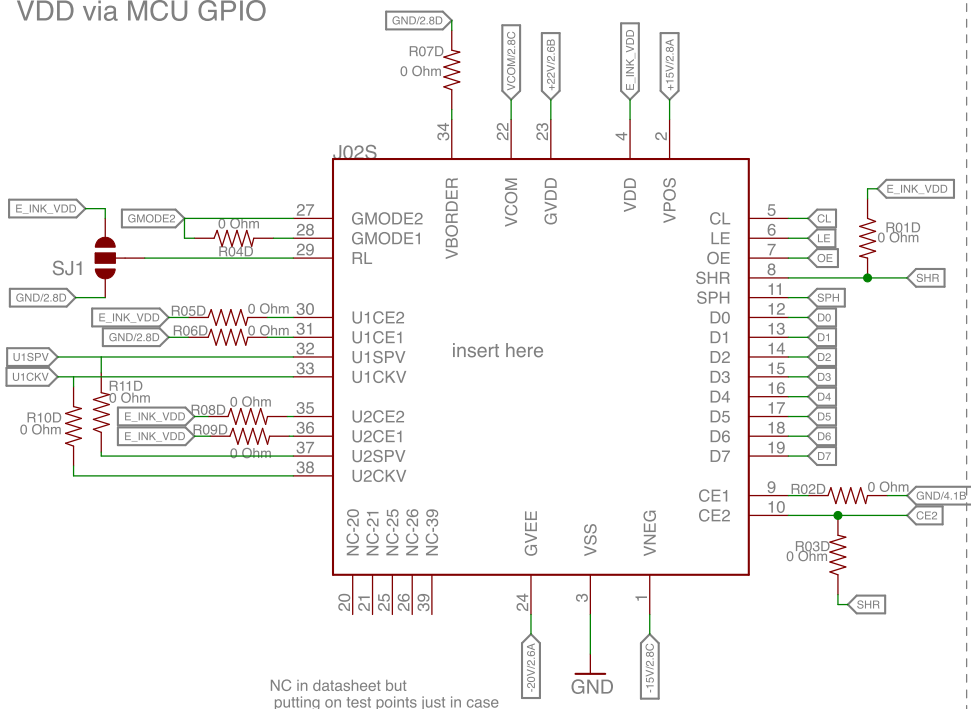
TS 10k pull-down recommended if not needed



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I2C Pull-up

Better way to disable when not in use?

J01M

5 — MCU\_TX

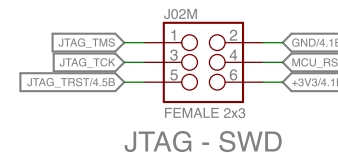
4 — MCU\_RX

3 — +3V3/4.1B

2 — GND/4.1B

1 — GND/4.1B

FTDI header



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0x0100 000x Expander 01
0x0100 001x Expander 02
0x1010 011x ADXL
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