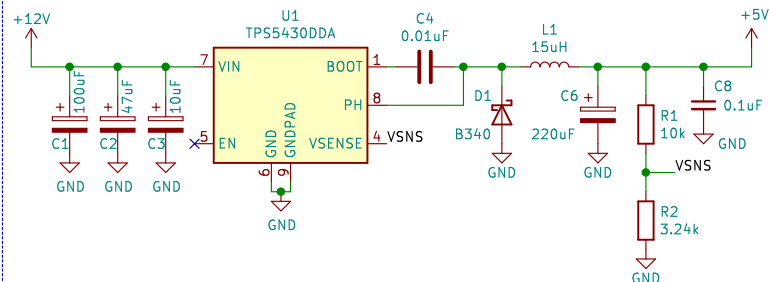


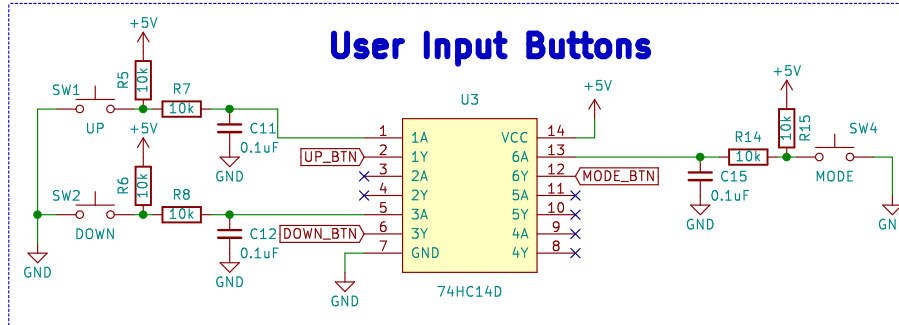
VIN -> 10.8 V - 19.8 V

## Buck Converter

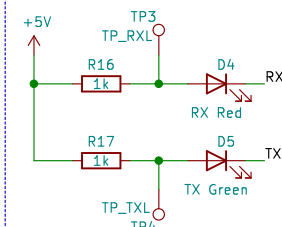


Hardware Debounce for buttons using a Schmitt-trigger IC  
<https://hackaday.com/2015/12/09/embed-with-elliott-debounce-your-noisy-buttons-part-i/>

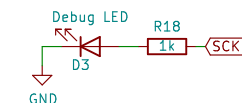
## User Input Buttons



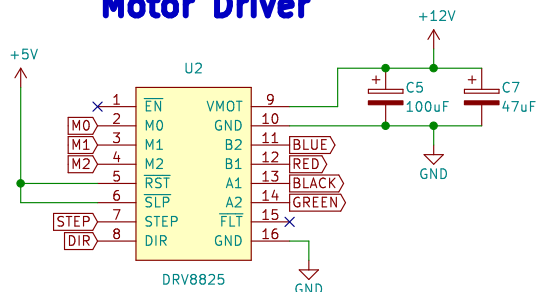
## Serial TX and RX LEDs



## Debug LED on SCK = PIN13



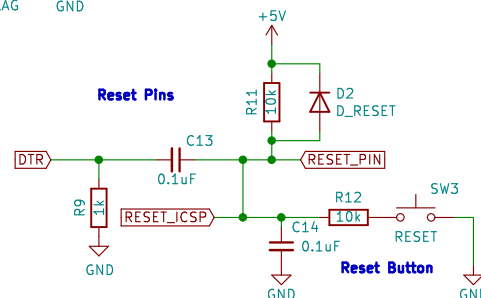
## Motor Driver



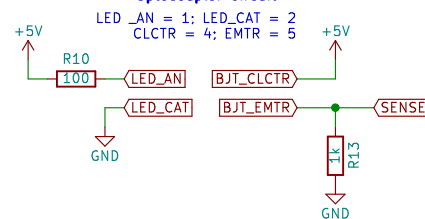
## Power Flags



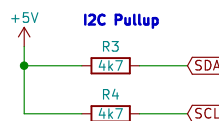
## Reset Pins



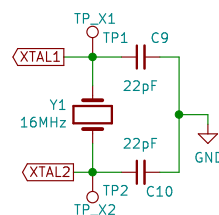
## Optocoupler Circuit



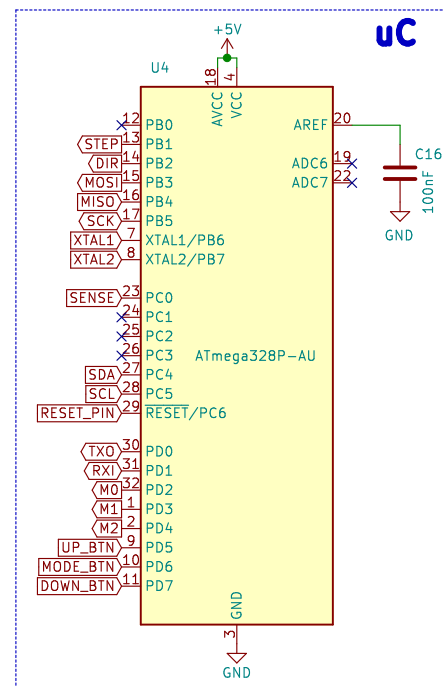
## I2C Pullup



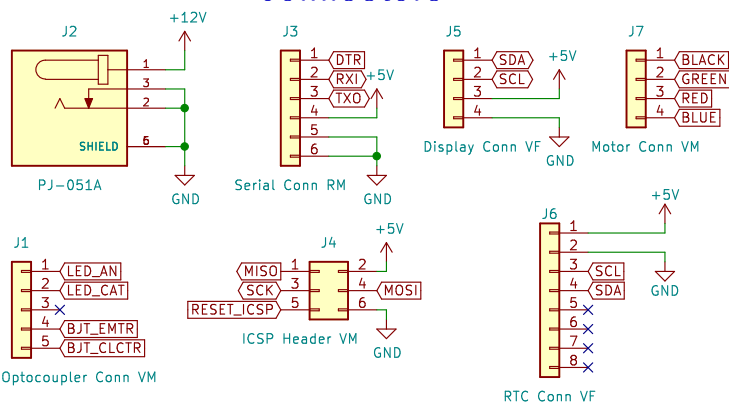
## Crystal Oscillator



## uC



## Connectors



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Sheet: /

File: Kitty Caddy.sch

Title: Kitty Caddy

Size: A4 Date: 2020-10-05

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Rev: v1

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