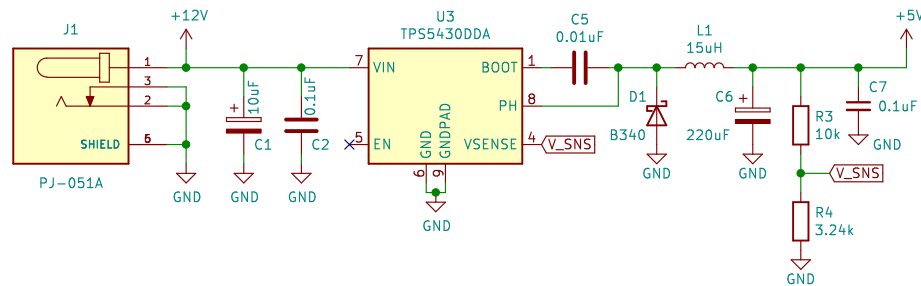


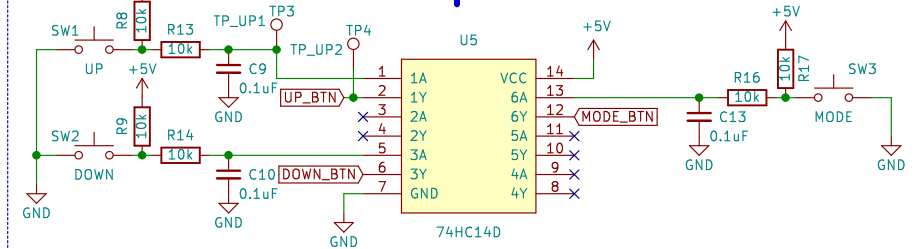
VIN -> 10.8 V - 19.8 V

## Buck Converter

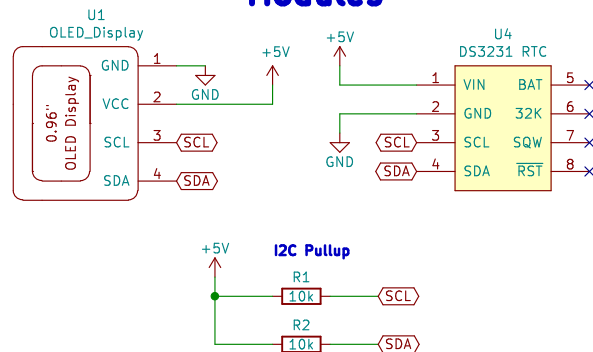


Hardware Debounce for buttons using a Schmitt-trigger IC  
<https://hackaday.com/2015/12/09/embed-with-elliott-debounce-your-noisy-buttons-part-i/>

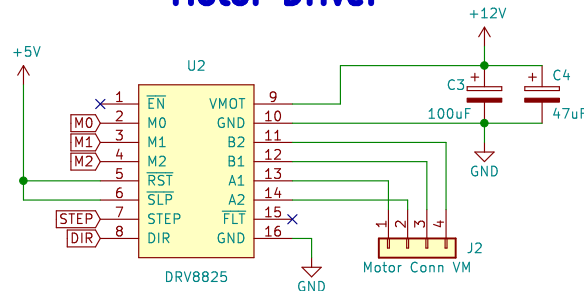
## User Input Buttons



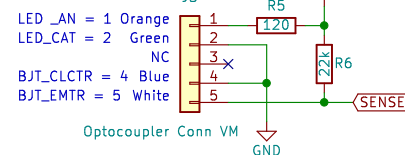
## Modules



## Motor Driver

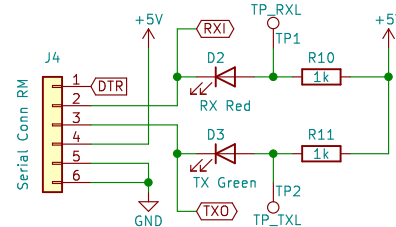


## Optocoupler

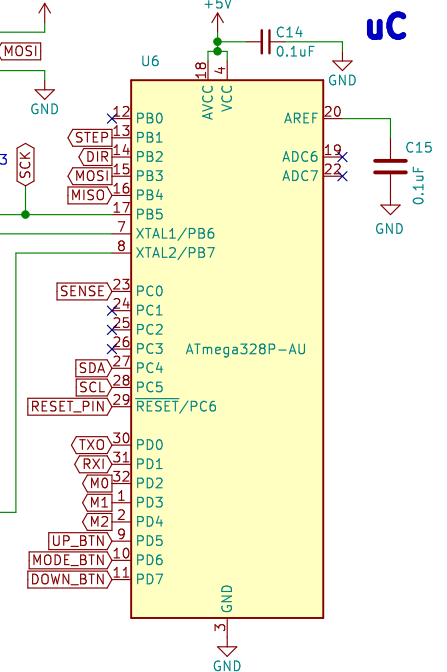
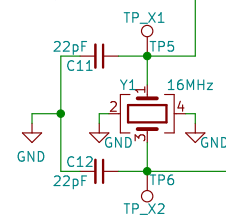


Phototransistor Design Guide  
<https://www.onsemi.com/pub/Collateral/AN-3005-D.PDF>

## Serial TX and RX LEDs



## Crystal Oscillator



Utsav Gupta & Co.

Sheet: /  
 File: Kitty Caddy.sch

**Title: Kitty Caddy**

Size: A4 Date: 2020-10-05  
 KiCad E.D.A. kicad (5.1.6)-1

Rev: v1  
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