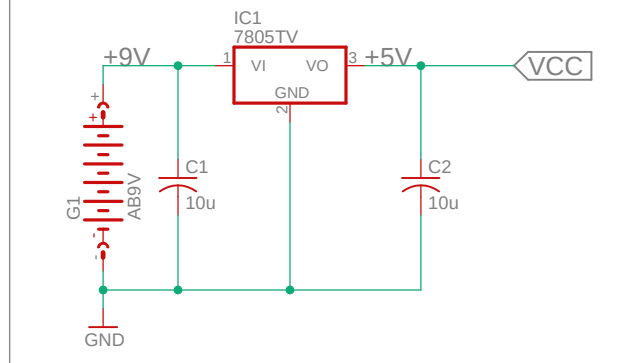
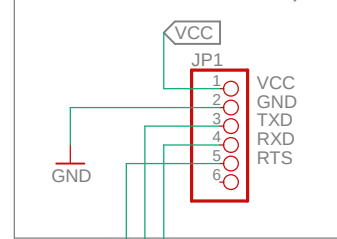


## Power Supply



## FTDI - USB to Serial Adapter



## Notes

VCC = 5V

Inputs:

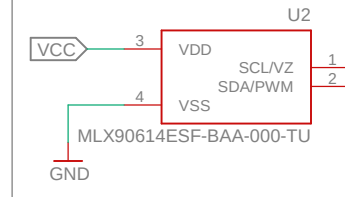
- IR Temperature Sensor
- Ultrasonic Sensor

Outputs:

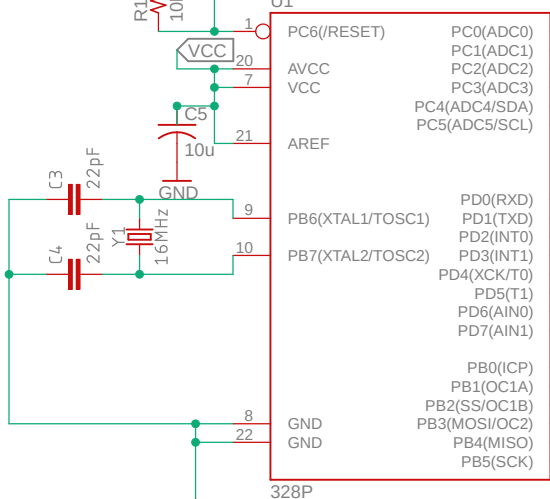
- LED Sequence
- Low Power Audio Amplifier

LED Sequence design isn't a final design. The type of LED's along with the color and responding sequence hav yet to be determined

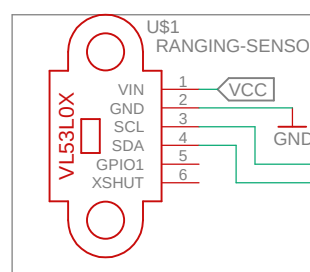
## IR Temperature Sensor



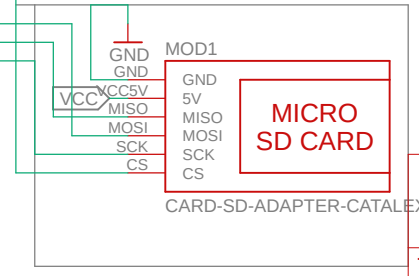
## ATmega328p



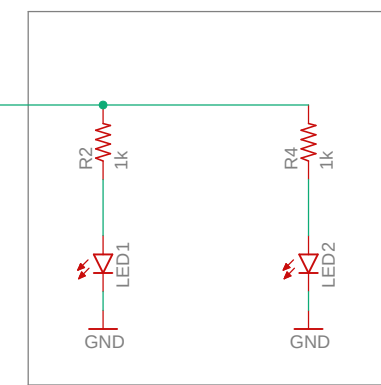
## Ultrasonic Sensor



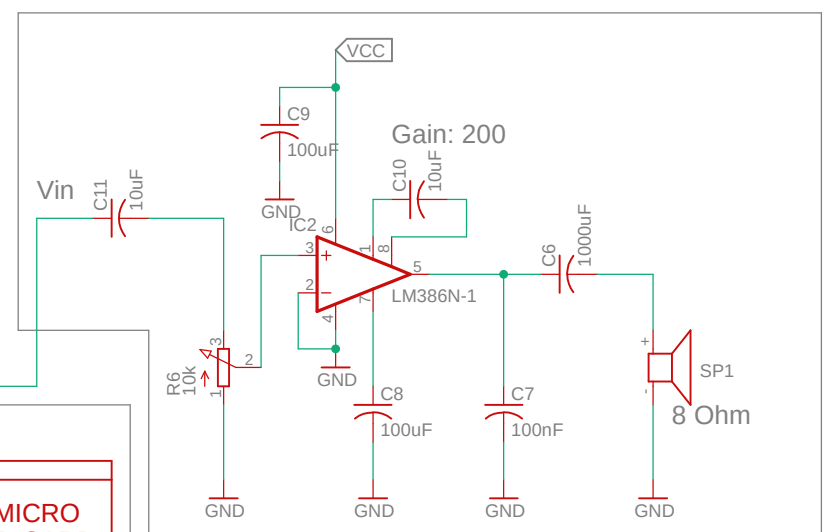
## Micro SD Card Module



## LED Sequence



## Low Power Audio Amplifier



Team 6: Kai Boldt, Ryan Nand, Elijah Penn, Ranvir Sandhu  
Social Distancing Device

TITLE: ECE411 Rough Draft Schematic

Document Number:  
Rough Draft

REV:  
V1.02

Date: 11/12/2020 12:38 AM

Sheet: 1/1