

# Plastic Scanner

Sheet:

File: adc.kicad\_sch

## Title: Development Board

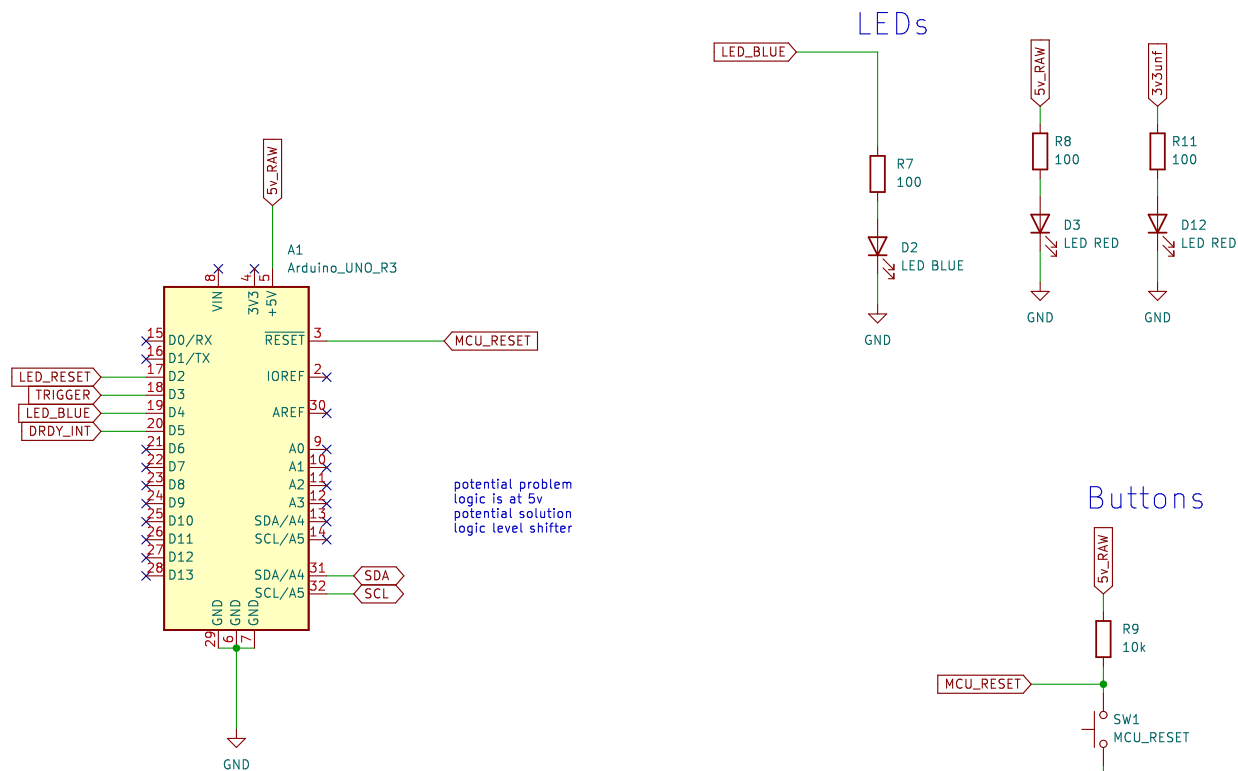
Size: A4

Date: 2022-03-15

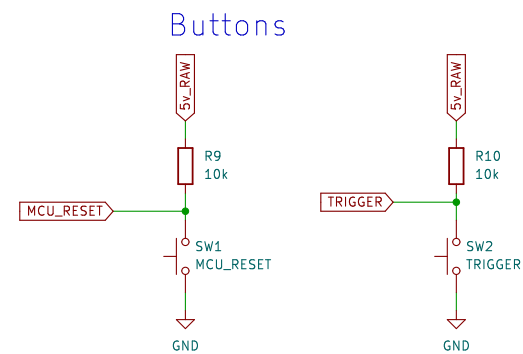
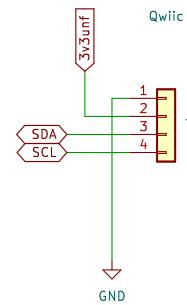
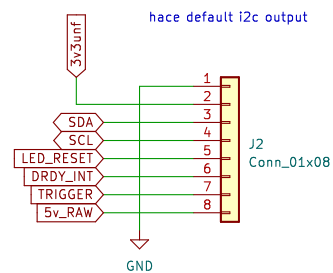
Rev: 2.1

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Id: 3/6



## Connectors



## Plastic Scanner

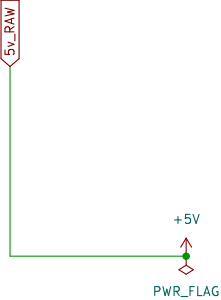
Sheet:  
File: mcu.kicad\_sch

## Title: Development Board

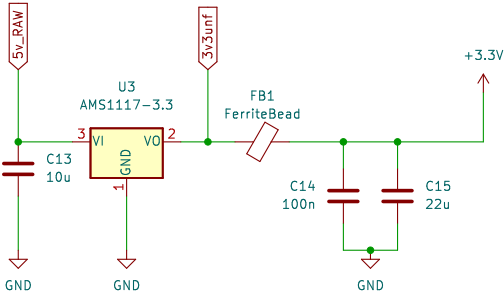
Size: A4 Date: 2022-03-15  
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Rev: 2.1  
Id: 4/6

Main Power Supply +5V



+3.3v



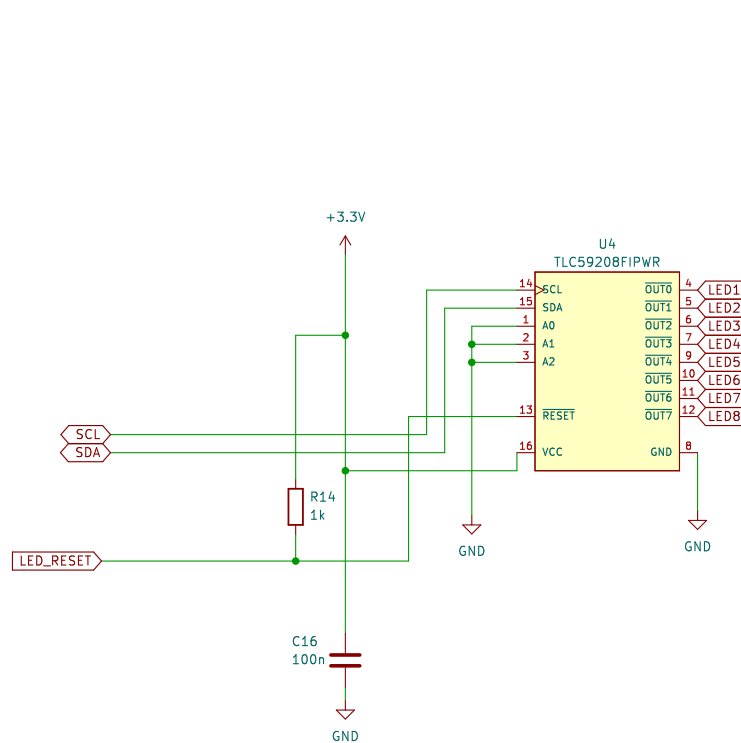
Plastic Scanner

Sheet:  
File: power.kicad\_sch

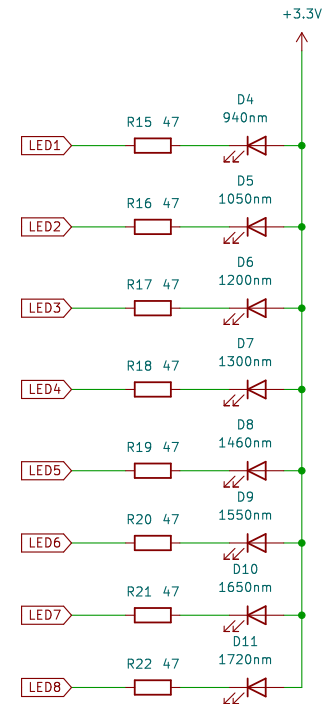
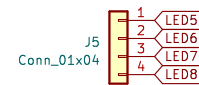
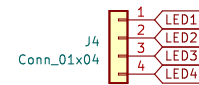
Title: Development Board

Size: A4  
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Rev: 2.1  
Id: 5/6



940nm digikey XZTN155W-3  
 1050nm digikey MTSM5010-843-IR  
 1200nm digikey MTSM0012-844-IR  
 1300nm digikey MTSM0013-844-IR  
 1460nm digikey MTSM6014-844-IR  
 1550nm digikey MTSM5015-844-IR  
 1650nm digikey MTSM5016-843-IR  
 1720nm starsealand  
<https://www.starsealand-uvir.com/smd-led/1206-dome-lens-smd-led/1206-1720nm-infrared-dome-lens-smd-diode.html>



# Plastic Scanner

Sheet:  
 File: led.kicad\_sch

## Title: Development Board

Size: A4 Date: 2022-03-15  
 KiCad E.D.A. kicad (7.0.0)

Rev: 2.1  
 Id: 6/6