

DR SIGN REDO

0. BLOCK DIAGRAM

BLOCK_DIAGRAM



File: BLOCK_DIAGRAM.kicad_sch

1. POWER

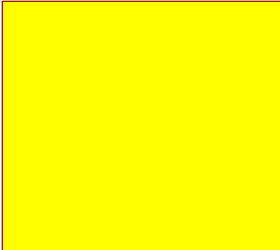
POWER



File: POWER.kicad_sch

2. ATMEGA32U4-AU

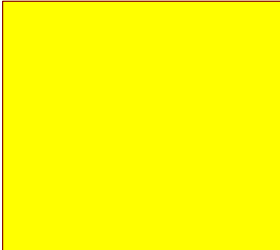
ATmega32U4-A



File: ATmega32U4-A.kicad_sch

3. RGB_LEDS

RGB_LEDS



File: RGB_LEDS.kicad_sch

MOUNTING HOLES

- H0 MountingHole
- H1 MountingHole
- H2 MountingHole
- H3 MountingHole

DRAWN BY: DEAN WILLIAM RICCIO
DESIGNED BY: DEAN WILLIAM RICCIO
RELECTRONICS

Sheet: /
File: DR_SIGN_REDO.kicad_sch

Title: DR SIGN REDO

Size: A4 Date: 2023-12-28

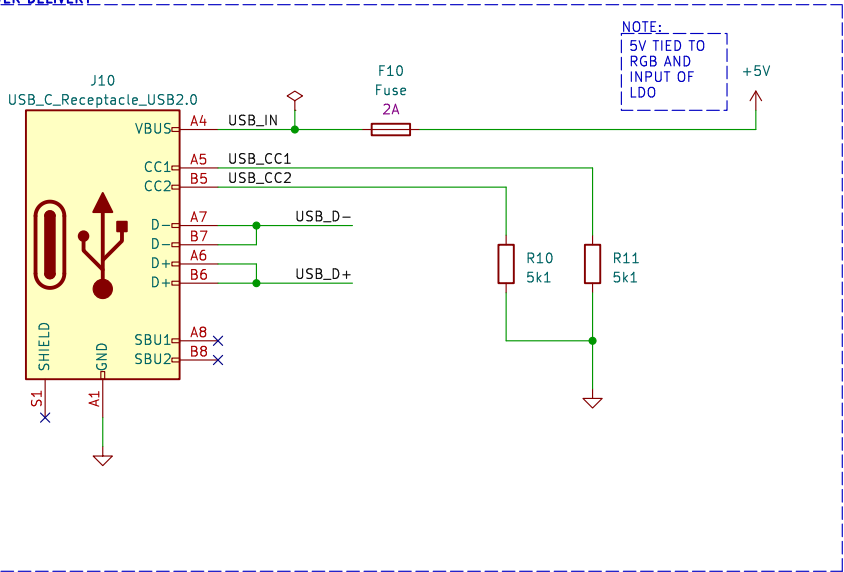
KiCad E.D.A. kicad (7.0.0)

Rev: 0.0

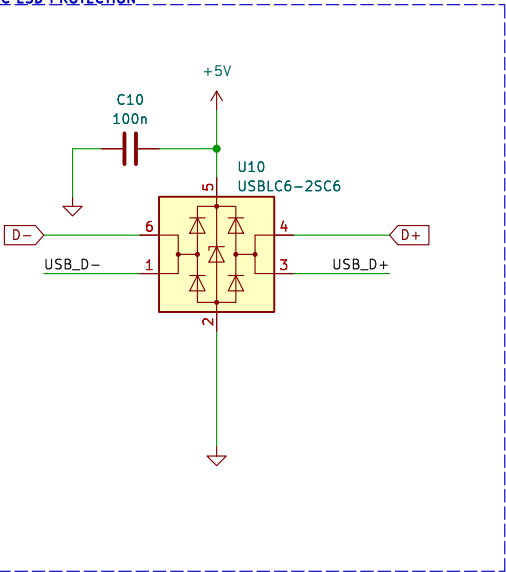
Id: 1/5

1. POWER

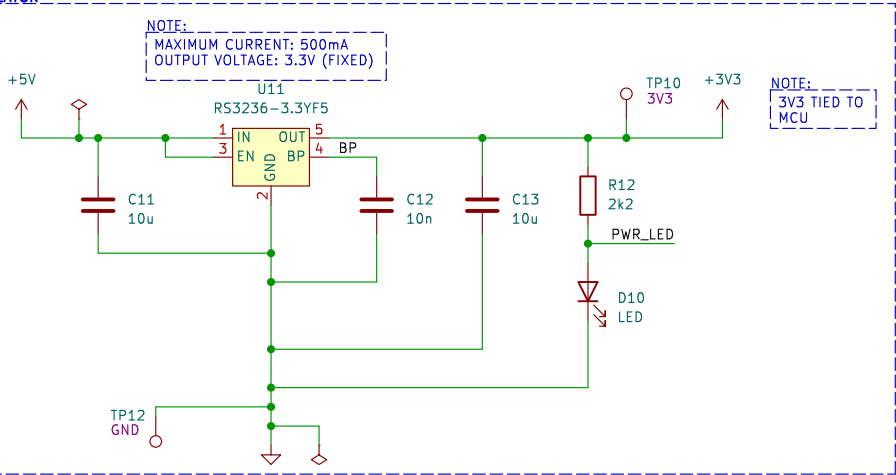
A. USB – C 5V POWER DELIVERY



B. USB – C ESD PROTECTION



B. 3.3V LDO REGULATOR



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Sheet: /POWER/
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Date:

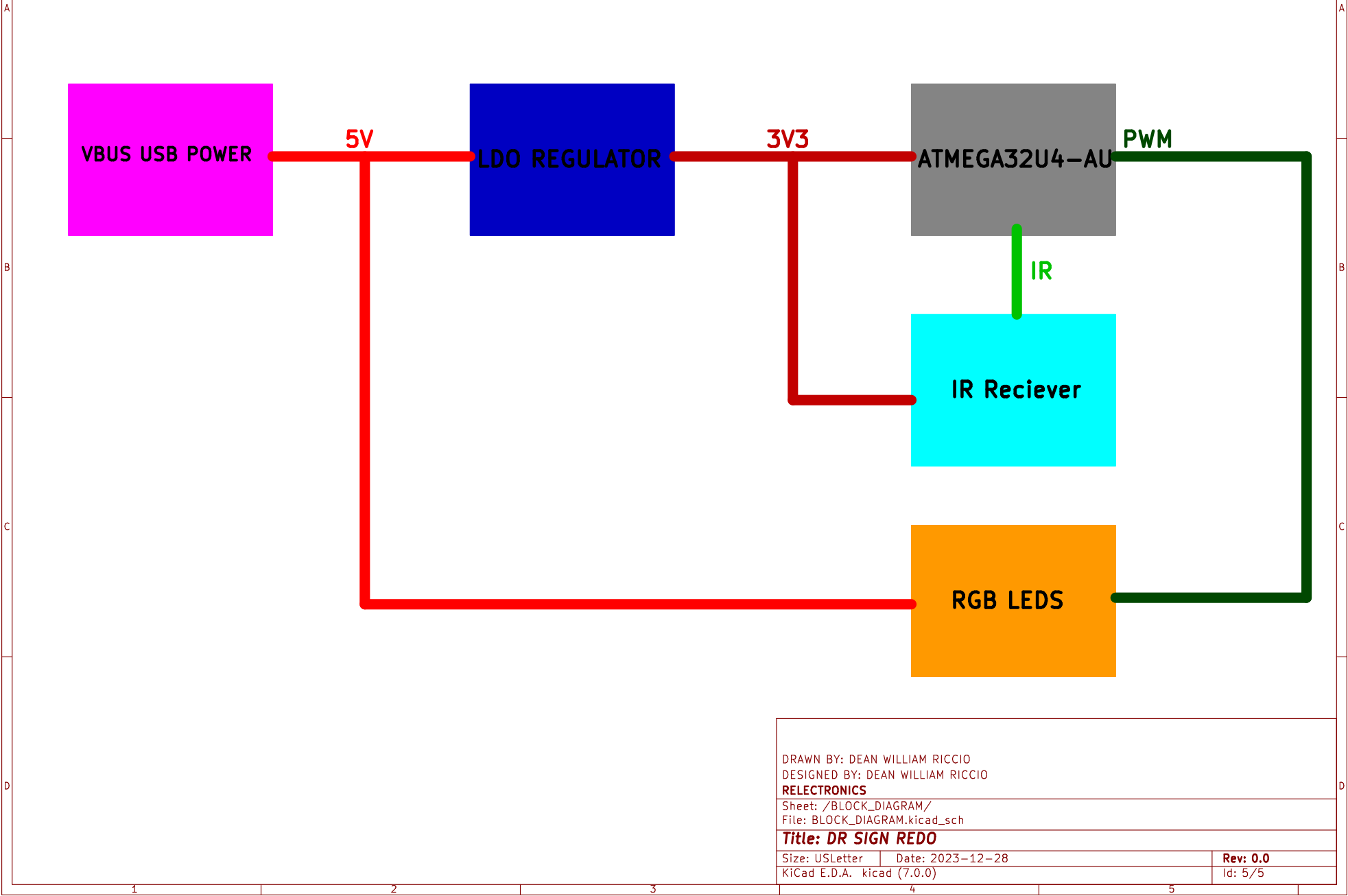
KiCad E.D.A. kicad (7.0.0)

Rev: 0.0

Id: 2/5

NOTE: _____
LEVEL
SHIFTER
USING
N-CHANNEL
MOSFET

0. BLOCK DIAGRAM



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Title: DR SIGN REDO

Size: USLetter | Date: 2023-12-28
KiCad E.D.A. kicad (7.0.0)

Rev: 0.0
Id: 5/5

2. ATmega32U4-A

