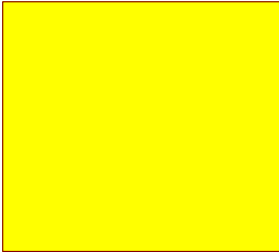


MQ2 GAS SENSOR

0. BLOCK DIAGRAM

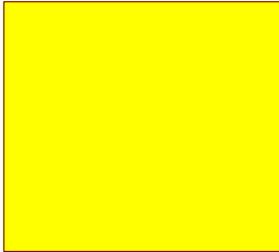
BLOCK_DIAGRAM



File: BLOCK_DIAGRAM.kicad_sch

1. POWER

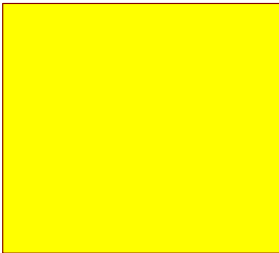
POWER



File: POWER.kicad_sch

2. STM32F030F4P6

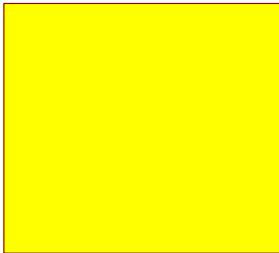
STM32F030F4P6



File: STM32F030F4P6.kicad_sch

3. LIPO_CIRC

LIPO_CIRC

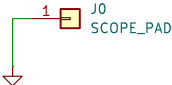


File: LIPO_CIRC.kicad_sch

MOUNTING_HOLES

- H1 MountingHole
- H2 MountingHole
- H3 MountingHole
- H4 MountingHole

SCOPE_PAD FOR DEBUGGING



REV 2 DATE: 6/20/2024
DRAWN BY: DRELECTRONICS
DESIGNED BY: DRELECTRONICS
DRELECTRONICS

Sheet: /
File: MQ2 Gas Sensor.kicad_sch

Title: MQ2 GAS SENSOR

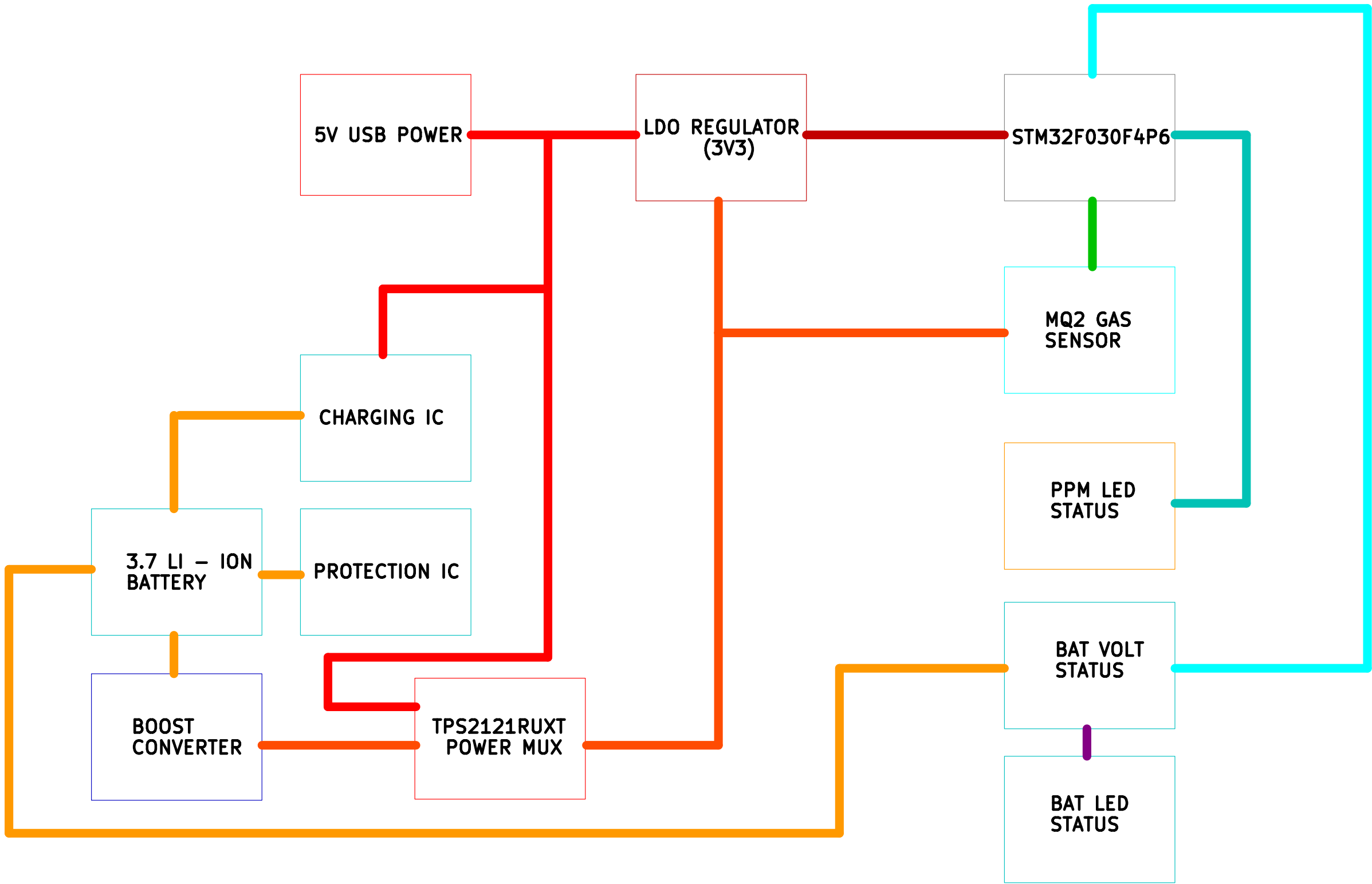
Size: A4 Date: 2024-01-23

KiCad E.D.A. 8.0.1-rc1

Rev: 2.0

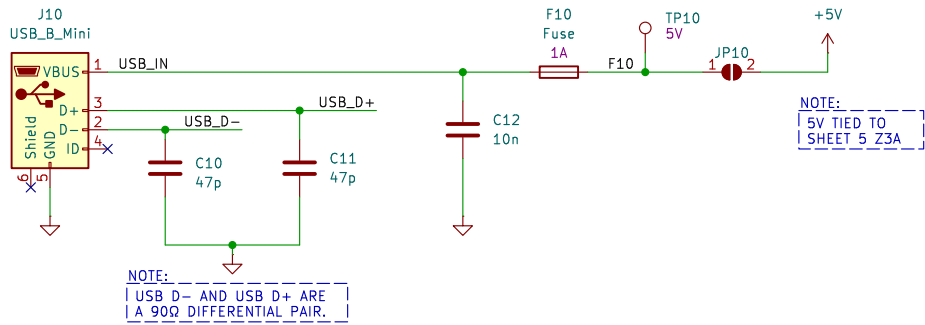
Id: 1/5

0. BLOCK DIAGRAM

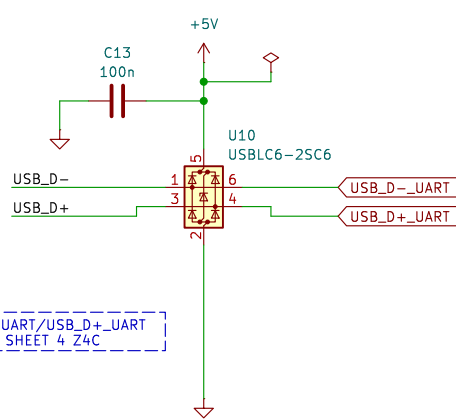


1. POWER

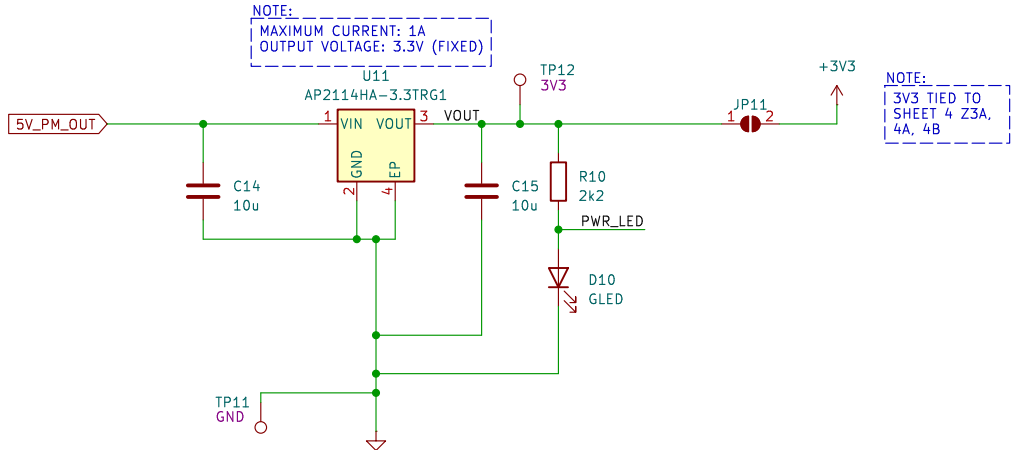
A. USB – B MINI 5V POWER DELIVERY



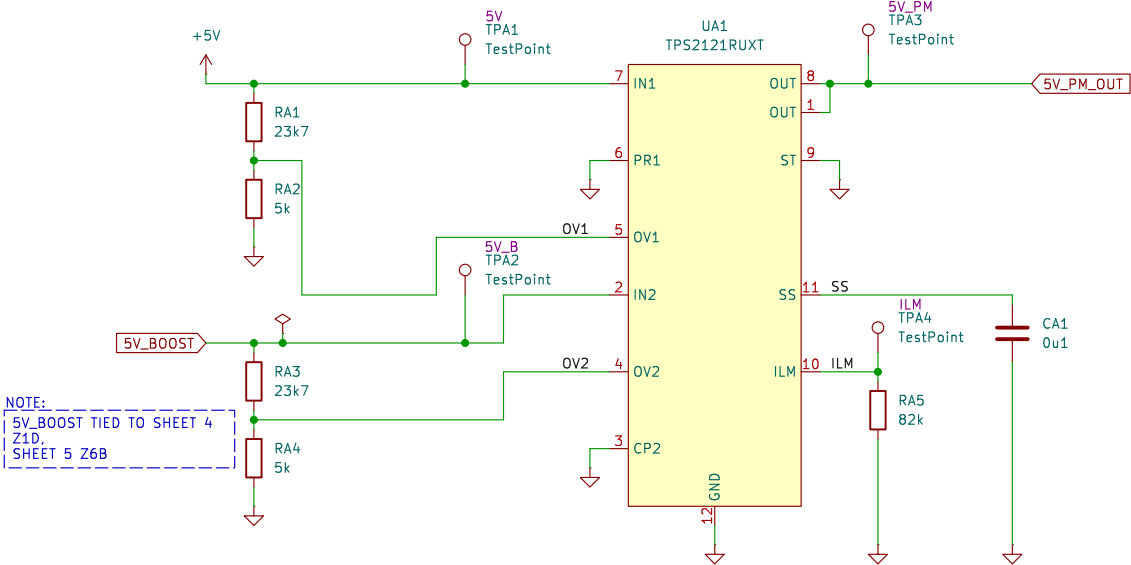
B. USB – C ESD PROTECTION



D. 3.3V LDO REGULATOR

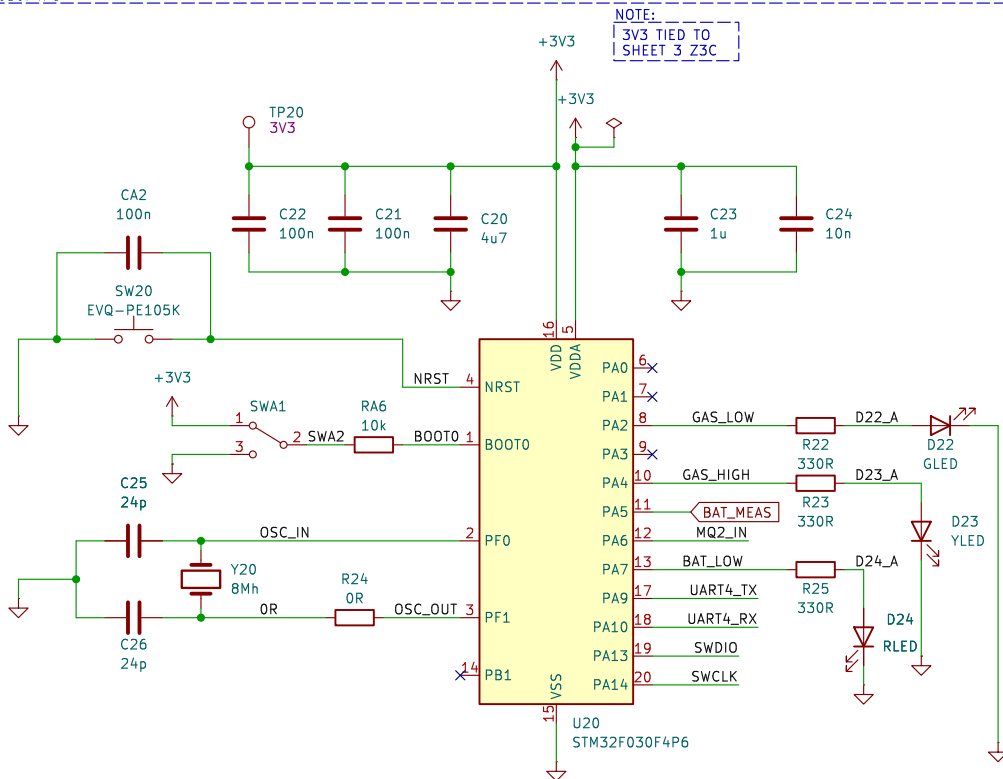


C. TPS2121RUXT POWER MUX – AUTOMATIC SWITCHOVER MODE

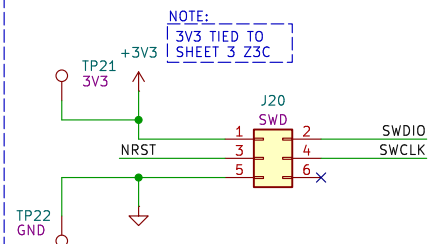


2. STM32F030F4P6

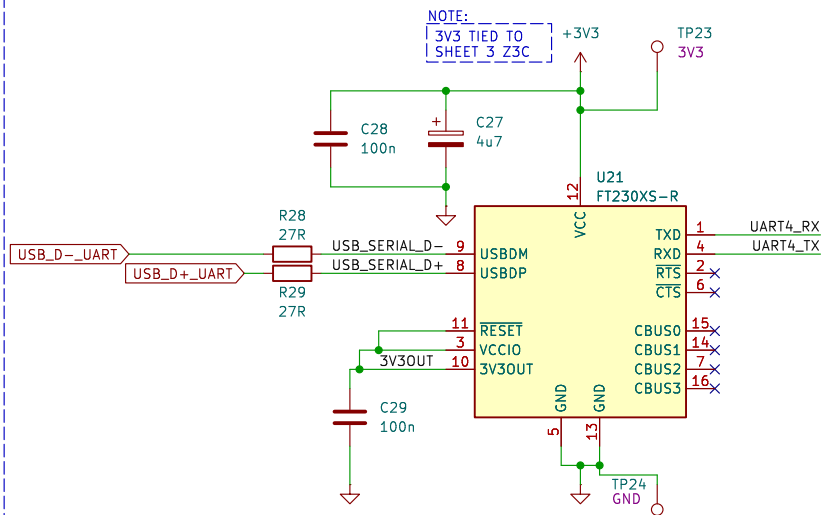
A. STM32F030F4P6



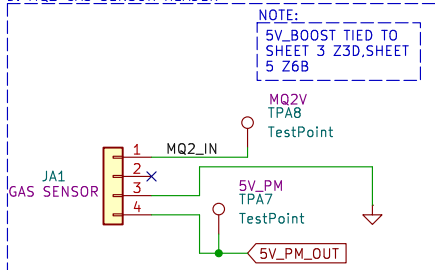
B. SWD POGO PIN HEADER



C. USB SERIAL UART FOR MINI USB TYPE B



D. MQ2 GAS SENSOR HEADER



REV 2 DATE: 6/20/2024
DRAWN BY: DRELECTRONICS
DESIGNED BY: DRELECTRONICS
DRELECTRONICS

Sheet: /STM32F030F4P6/
File: STM32F030F4P6.kicad_sch

Title: MQ2 GAS SENSOR

Size: A4	Date: 2024—
----------	-------------

KiCad E.D.A. 8.0.1-rc1

Rev: 2.0

Id: 4/5

3. LIPO_CIRC

