

# C02-Ampel

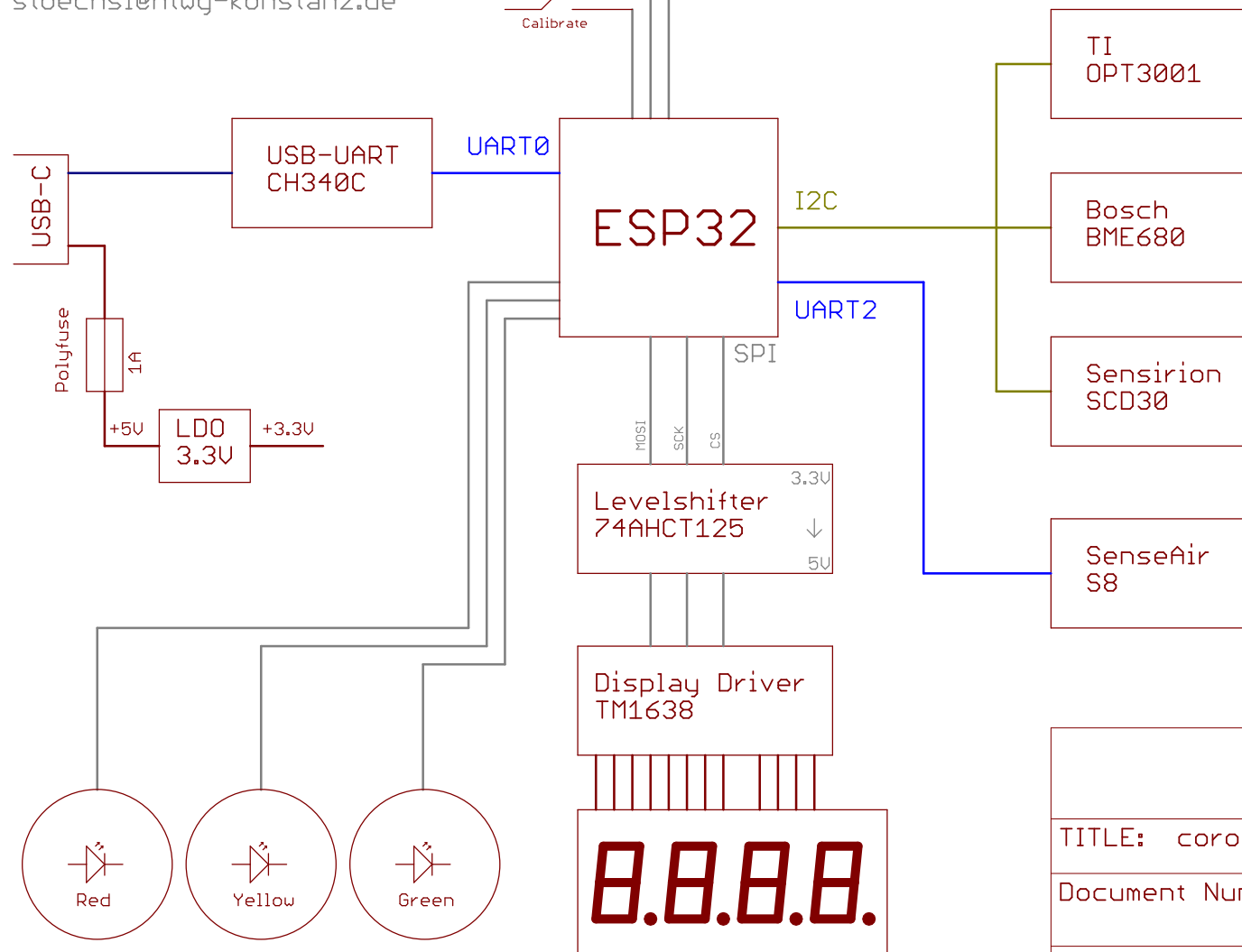
v1.0

11/2020

Stefan Oechslein

stoechsl@htwg-konstanz.de

Brightness  
Alert  
Calibrate



TITLE: coronaampel\_v2\_fixed

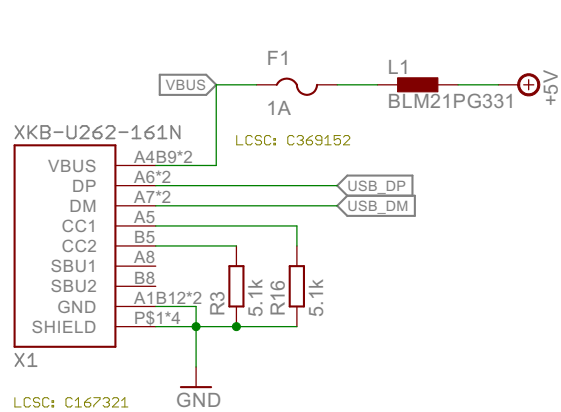
Document Number:

REV:

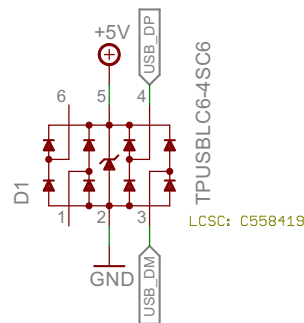
Date: 02.02.2021 18:10:41

Sheet: 1/6

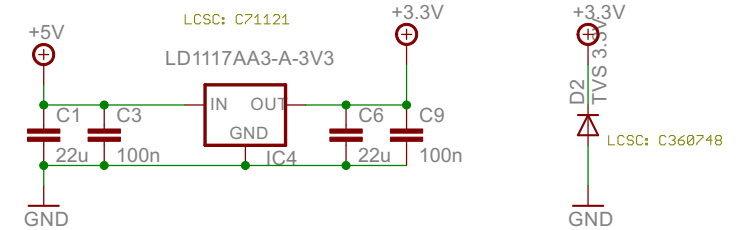
## USB-C Input



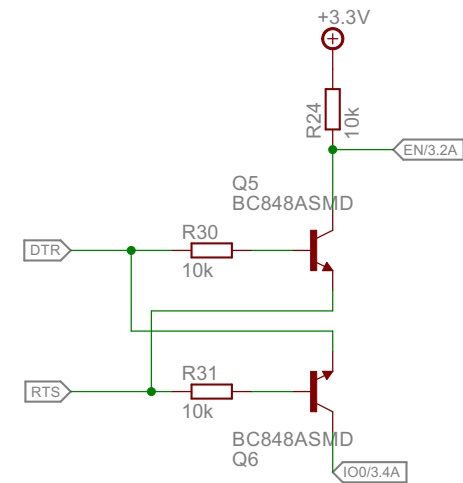
## USB Protection



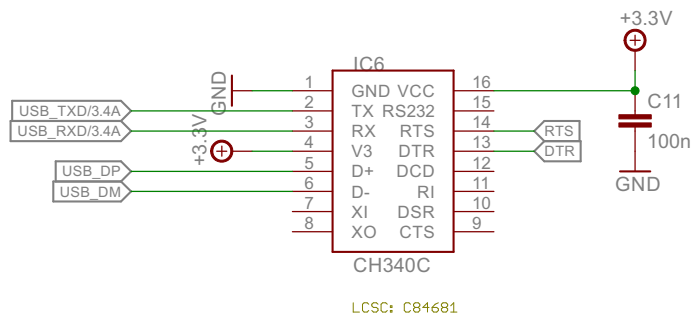
## 3.3V Supply



## ESP32 Reset & Programming



## USB -> Serial Converter



## Supply & Programming

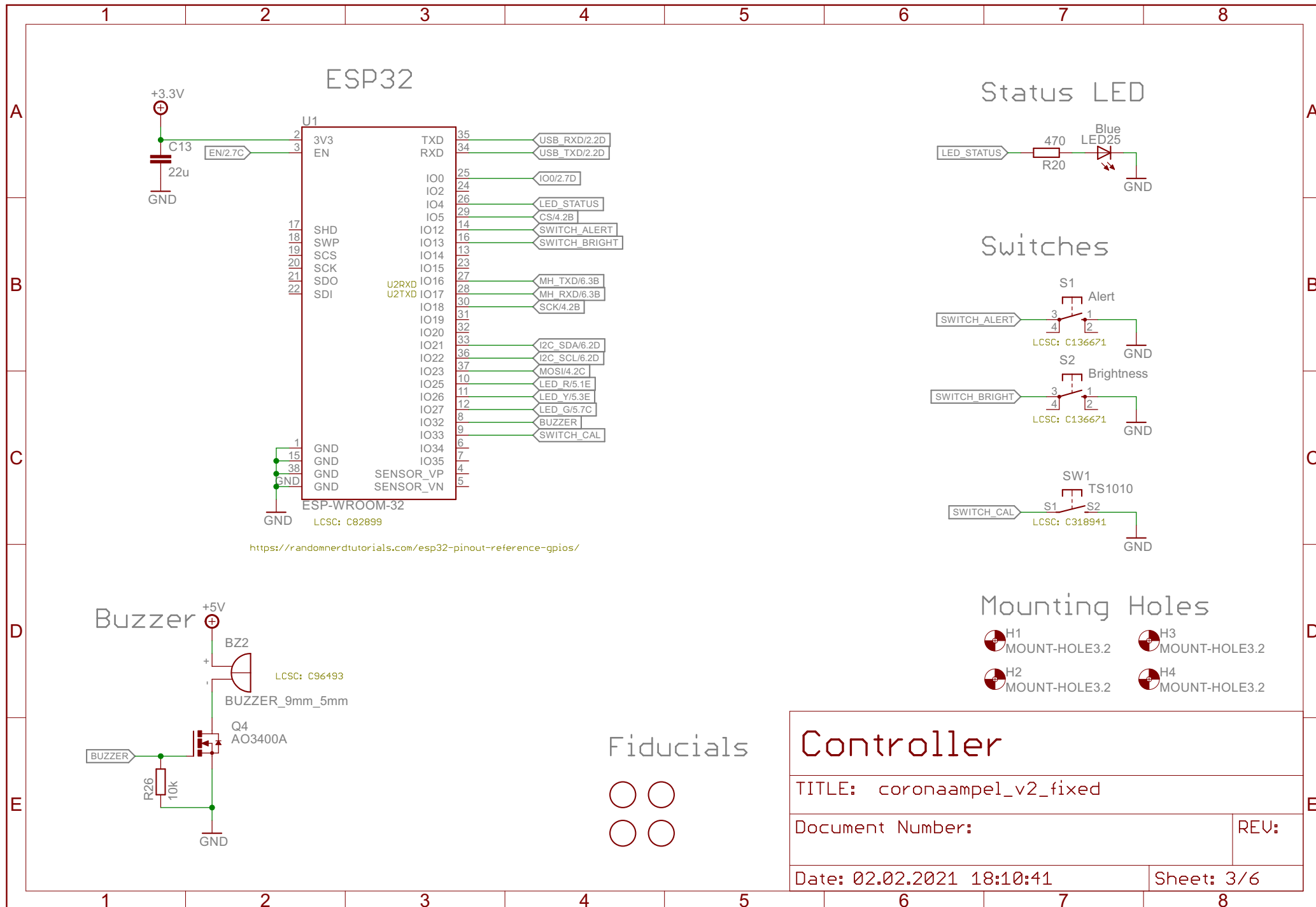
TITLE: coronaampel\_v2\_fixed

Document Number:

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Date: 02.02.2021 18:10:41

Sheet: 2/6



# A



# A

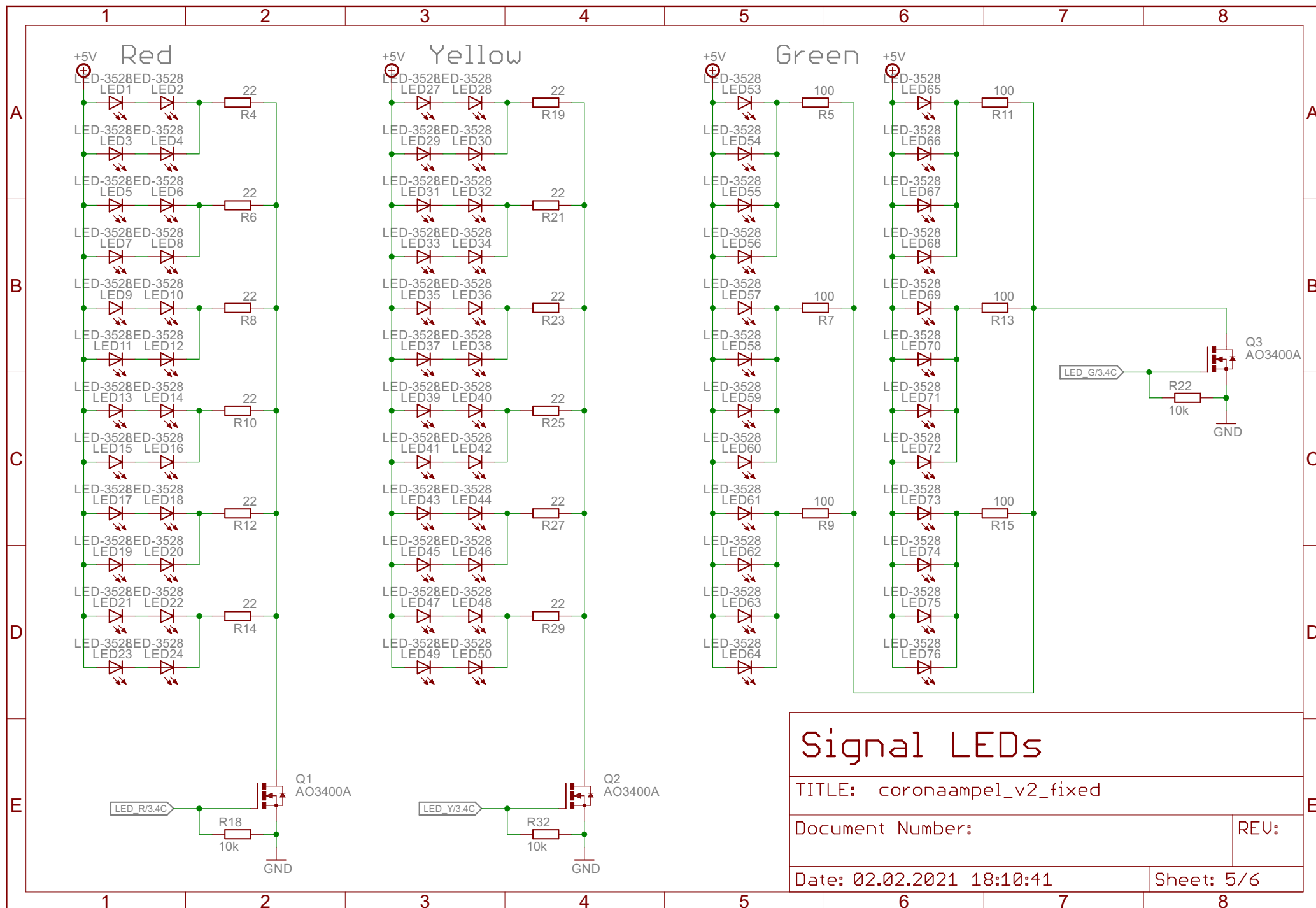


## C

C

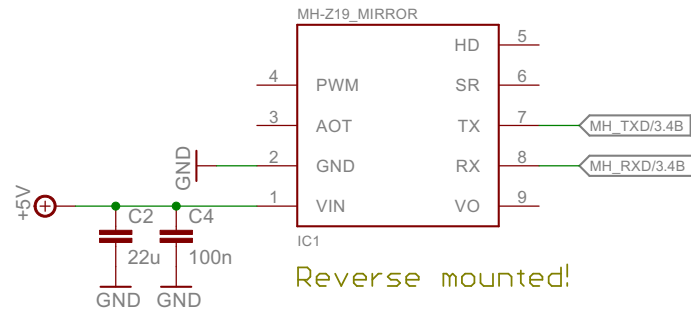
D

LE



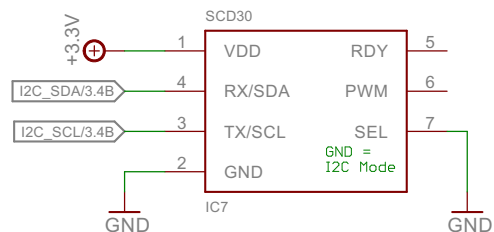
## C02 Sensors

MH-Z19B or Senseair S8  
(pin-compatible)

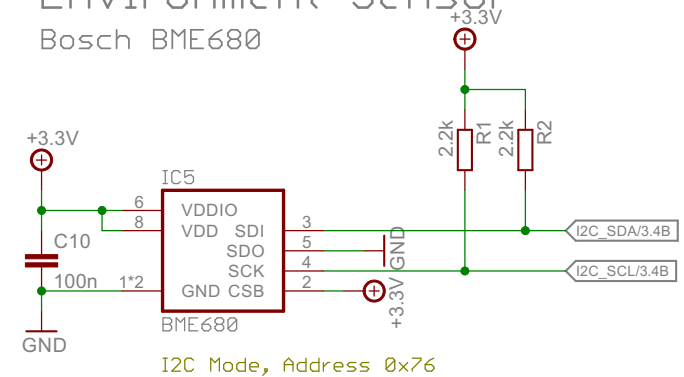


## alternative

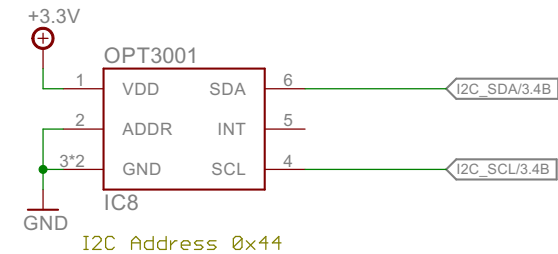
Sensirion SCD30



## Environment Sensor Bosch BME680



## Ambient Light Sensor TI OPT3001



## Sensors

TITLE: coronaampel\_v2\_fixed

Document Number:

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Date: 02.02.2021 18:10:41

Sheet: 6/6