

### UART interface select

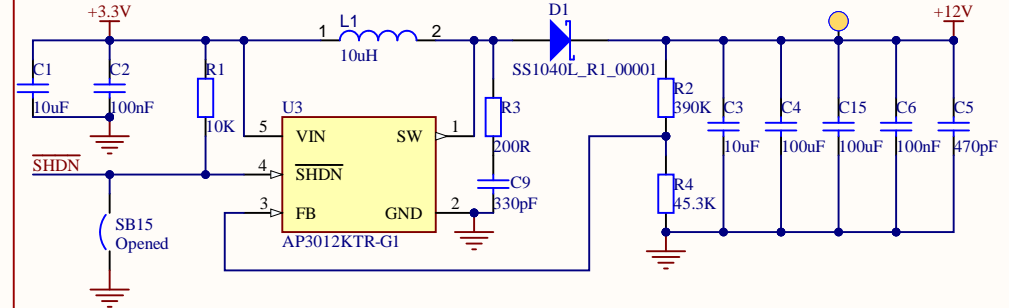
RX SB12 Opened ARD\_TX  
PAS\_SDA SB13 Opened ARD\_RX

ARD\_SCL SB16 Closed PAS\_SCL  
ARD\_SDA SB17 Closed PAS\_SDA

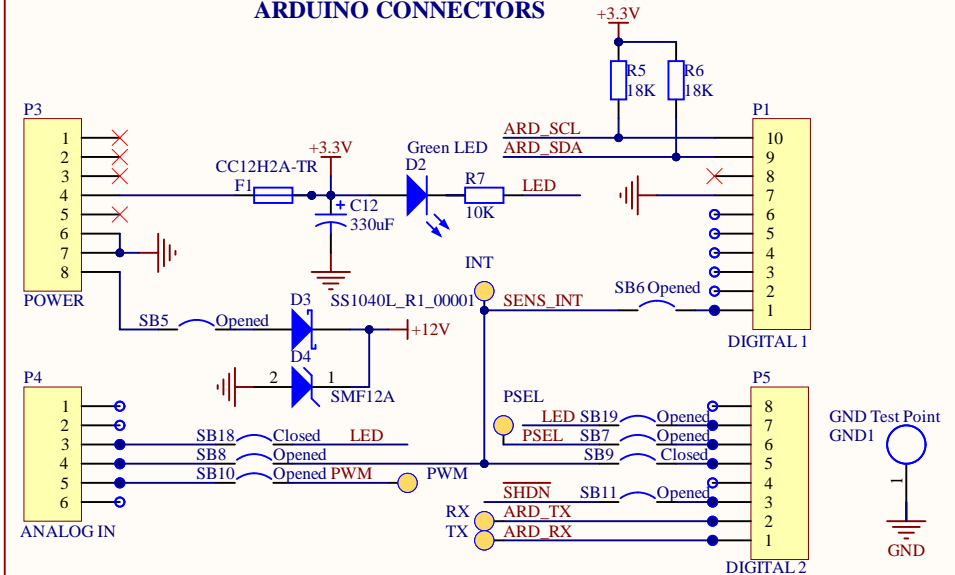
### Low power operation

SENS\_INT SB14 Opened SHDN

### DC BOOST Converter for CO2 sensor



### ARDUINO CONNECTORS



Title **Schematics layout**

Size: **A4**

Number: **A. Daubaras**

Revision: **0**

Date: **3/8/2022**

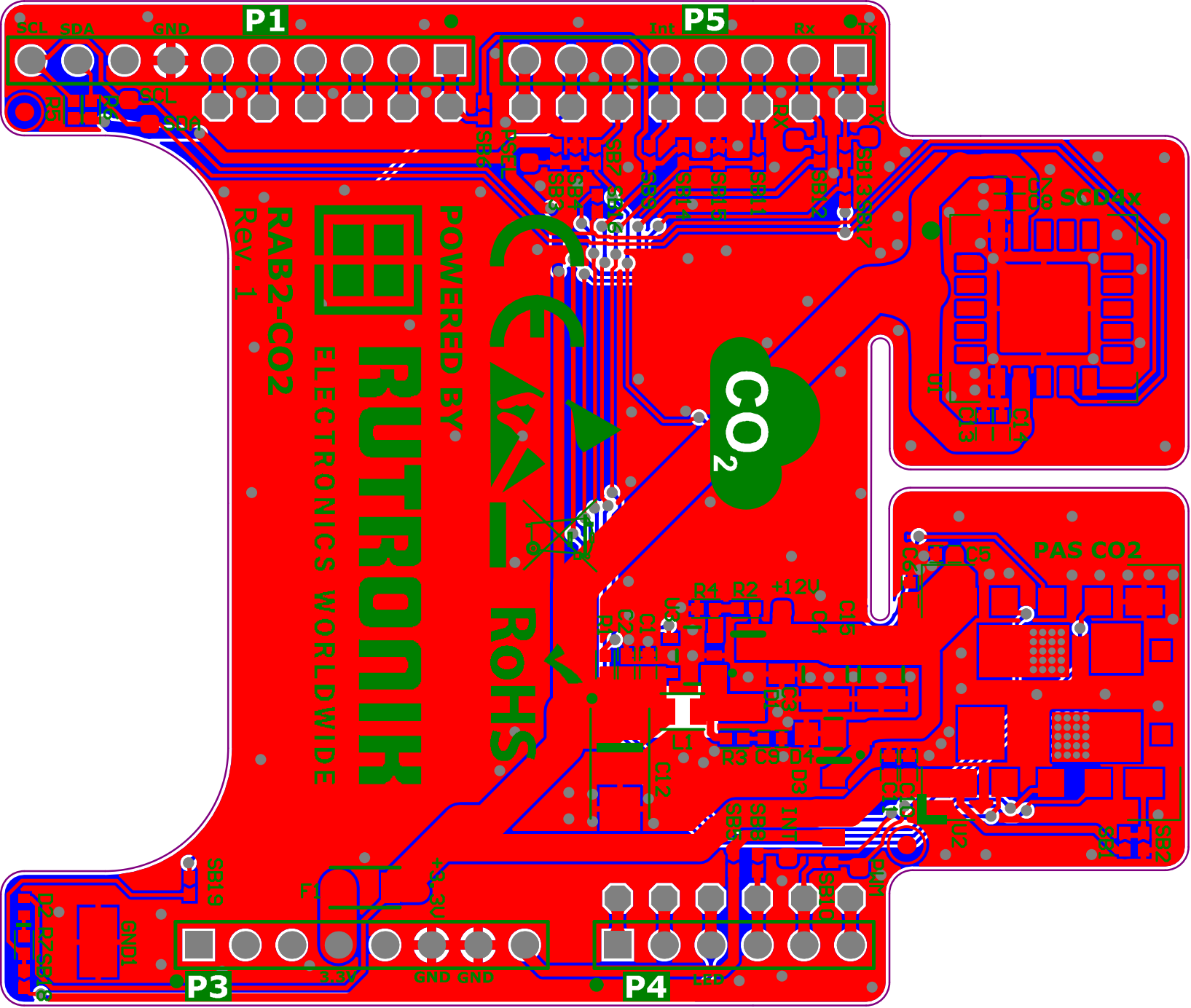
Time: **18:32:47**

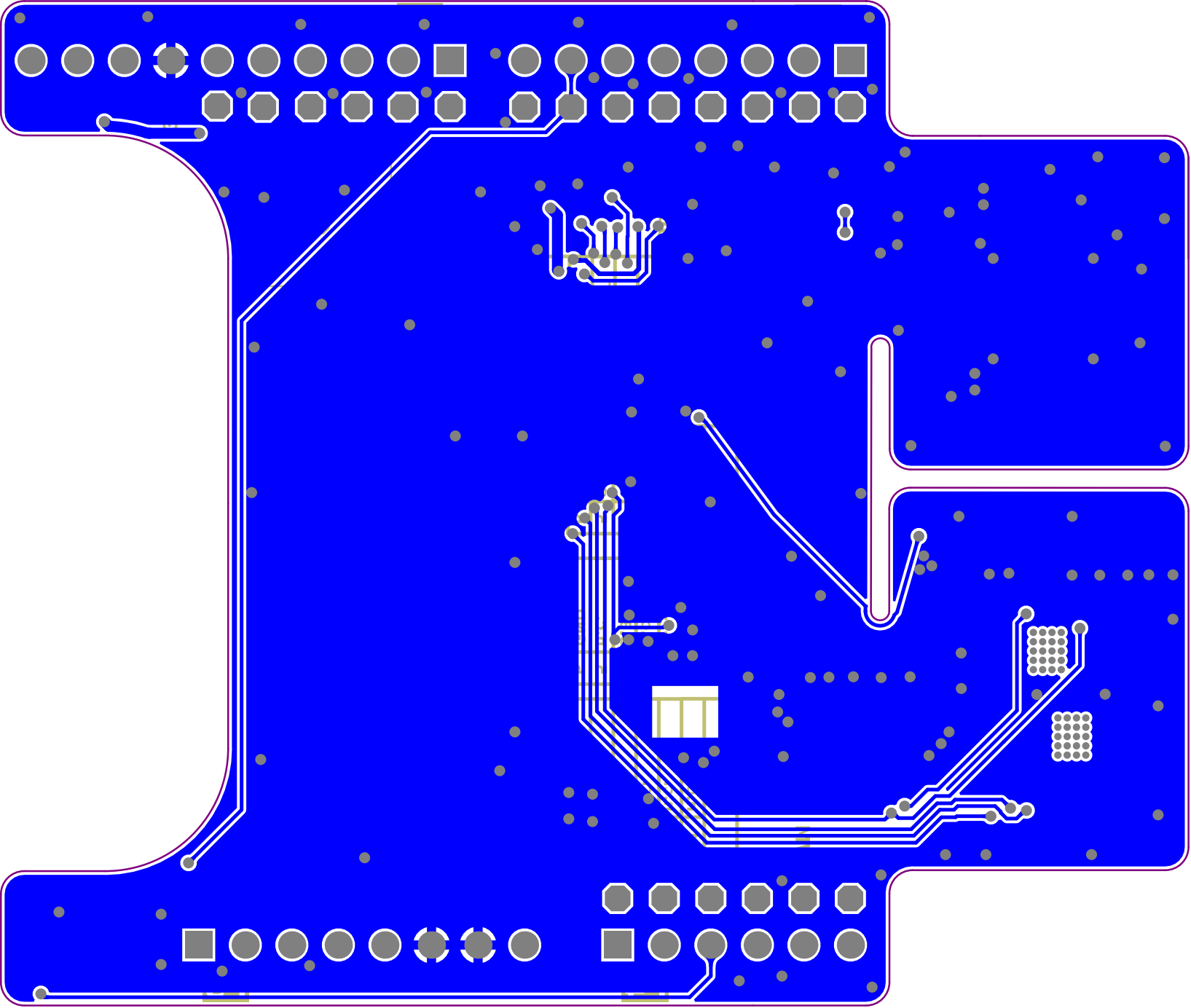
Sheet **2** of **3**

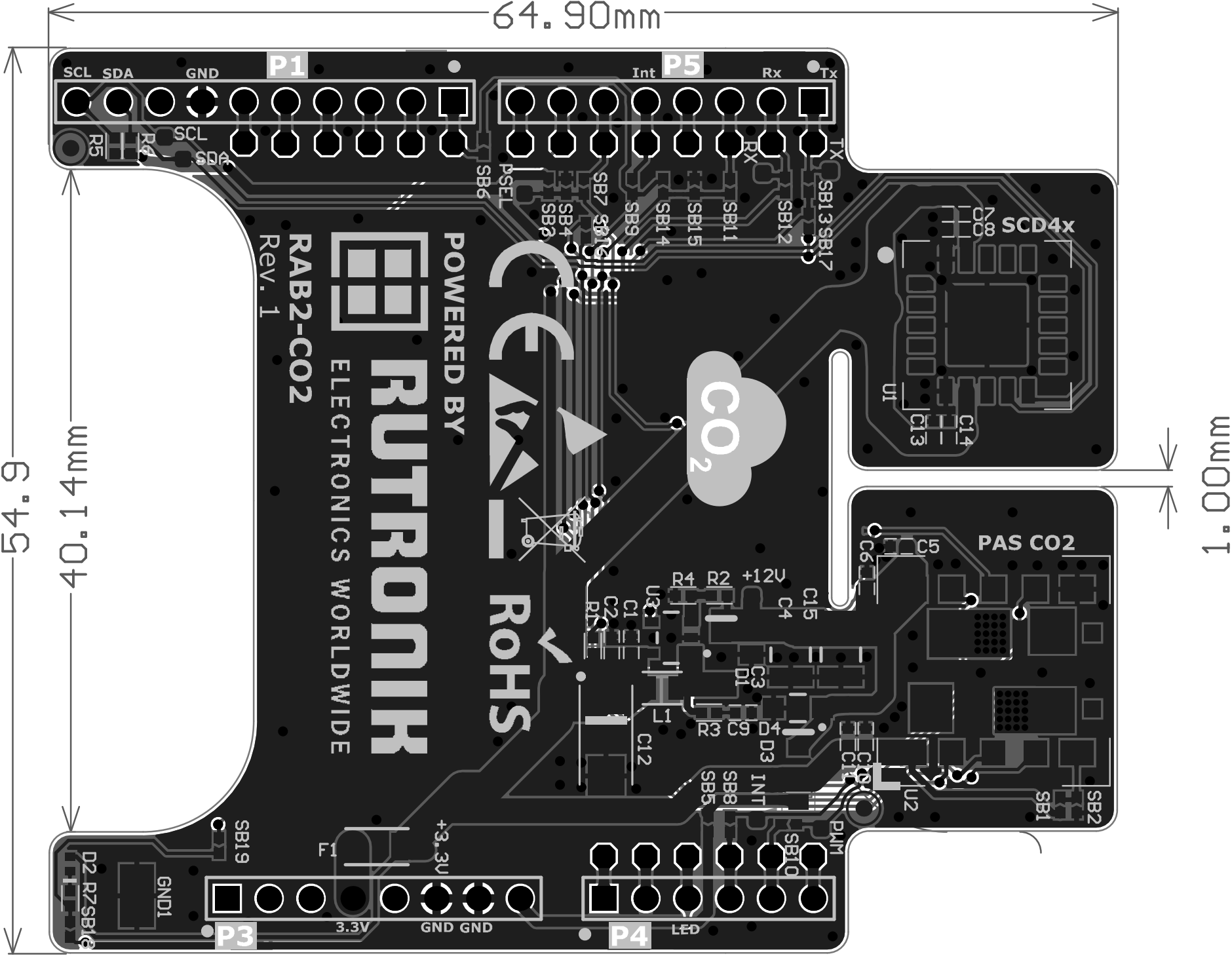
File: **C:\Users\IUS\Documents\PROJECTS\CO2\_Adapter\_Board\CO2\_Adapter\_Board\_PCB\Sensors.SchDoc**

\*  
Jonavos g. 30  
44262 Kaunas  
Lithuania  
\*

**RUTRONIK**  
ELECTRONICS WORLDWIDE







64.90mm

SCL SDA GND

P1

Int P5

Rx Tx

SCD4x

CO<sub>2</sub>

PAS CO2

POWERED BY

**RUTRONIK**  
ELECTRONICS WORLDWIDE

**RAB2-CO2**  
Rev. 1

**ROHS**

40.1mm

54.9mm

1.00mm

GND1

P3

3.3V

GND GND

P4

LED

A

A

B

B

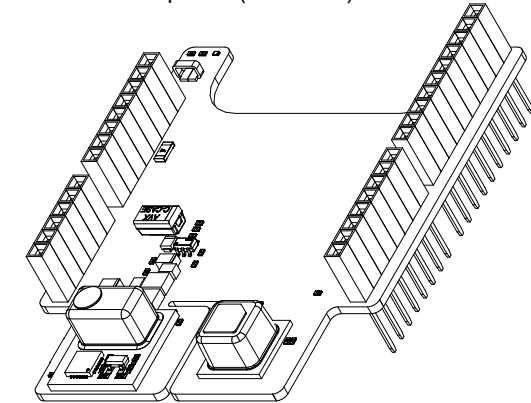
C

C

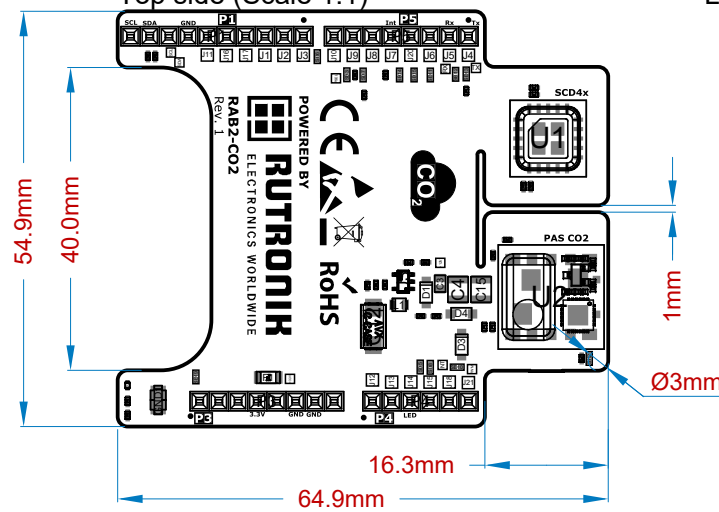
D

D

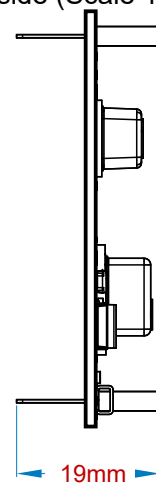
View from Top side (Scale 1:1)



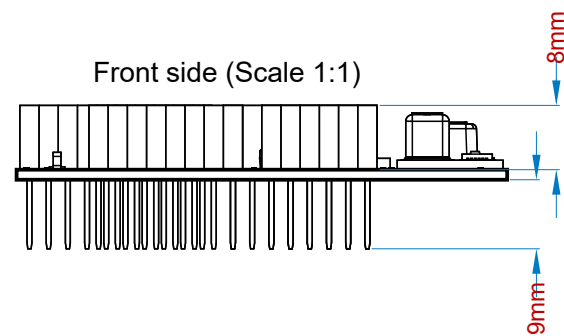
Top side (Scale 1:1)



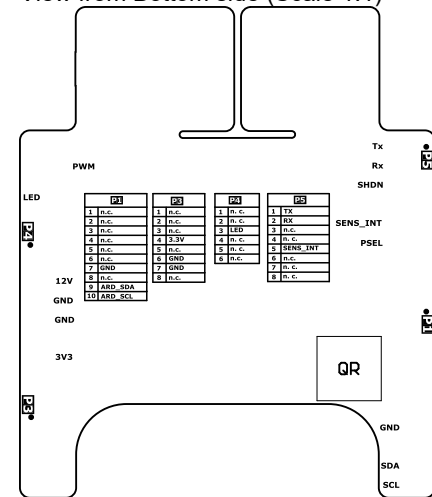
Left side (Scale 1:1)



Front side (Scale 1:1)



View from Bottom side (Scale 1:1)



Realistic View

