

Id: 1/8

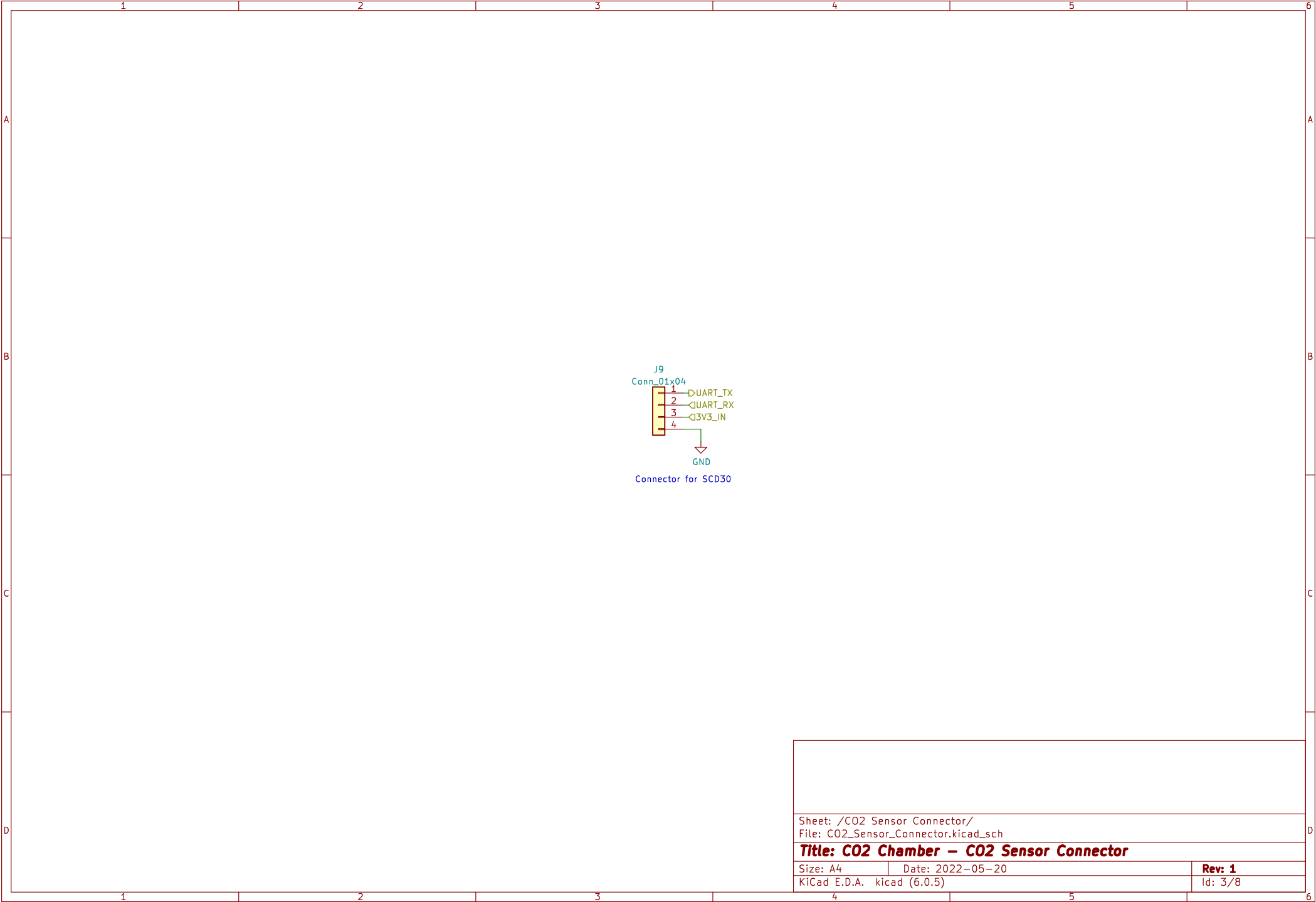


VIN: 3.3–15 V  
VOUT: 3.3 V  
IOUT: 3 A  
FREQ: 1.25 MHz  
Designed according to WEBENCH

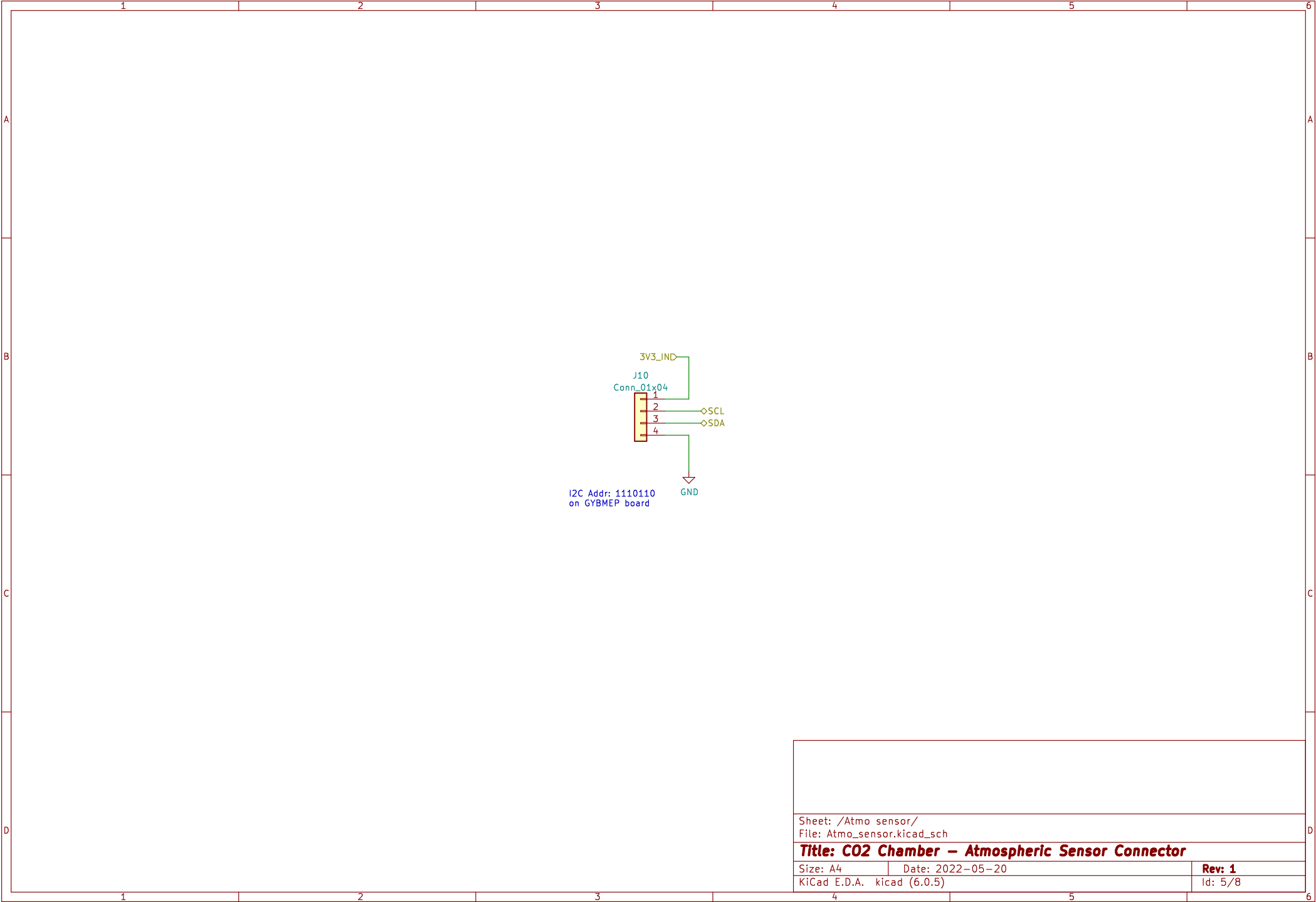
**Title: CO2 Chamber – Power**

KiCad E.D.A.	kiCad (6.0.5)
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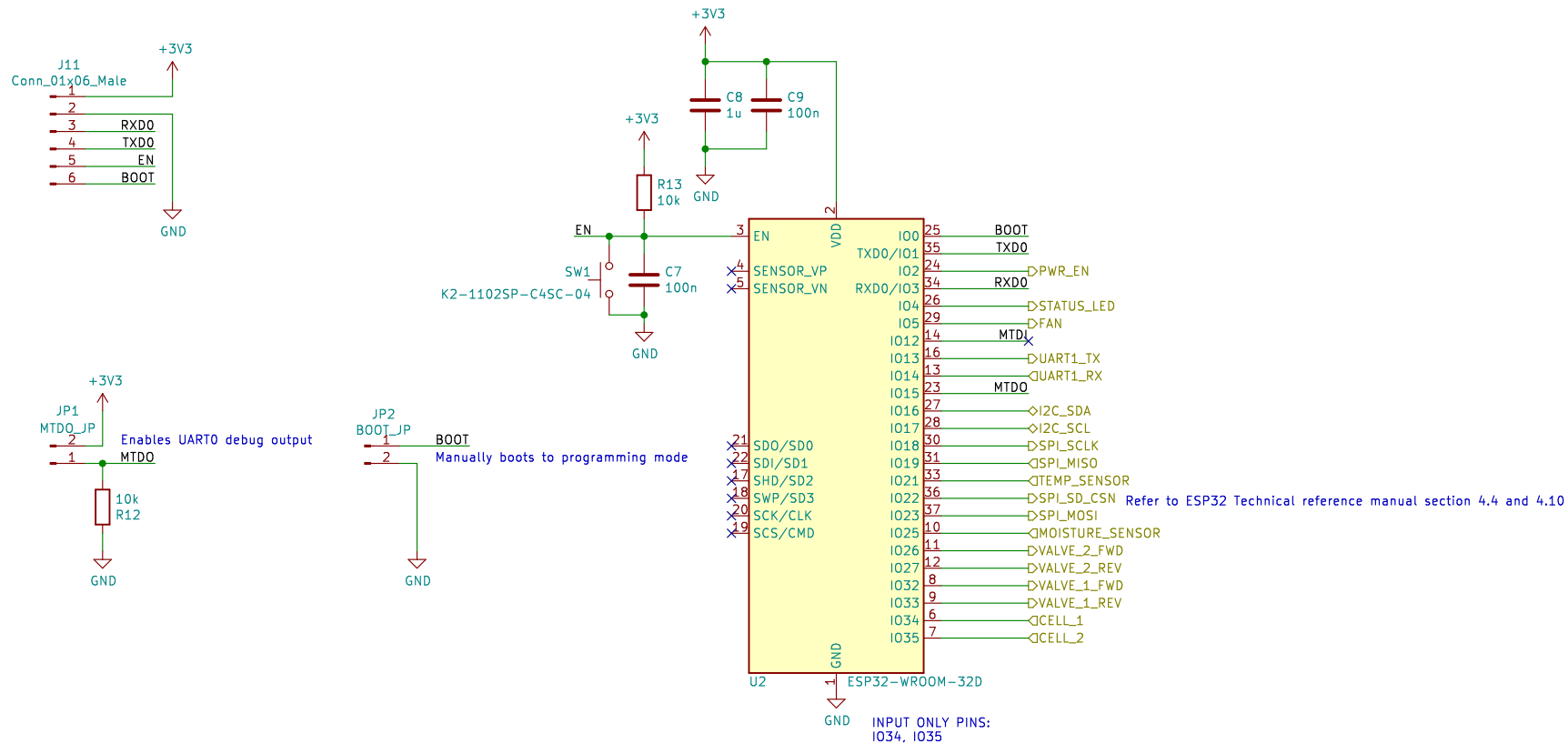
Id: 2/8



Sheet: /C02 Sensor Connector/ File: C02_Sensor_Connector.kicad_sch		
Title: C02 Chamber – C02 Sensor Connector		
Size: A4	Date: 2022-05-20	Rev: 1
KiCad E.D.A. kicad (6.0.5)		Id: 3/8



Sheet: /Atmo sensor/ File: Atmo_sensor.kicad_sch		
Title: C02 Chamber – Atmospheric Sensor Connector		
Size: A4	Date: 2022-05-20	Rev: 1
KiCad E.D.A. kicad (6.0.5)		Id: 5/8



Sheet: /Microprocessor section/  
File: Microprocessor\_section.kicad\_sch

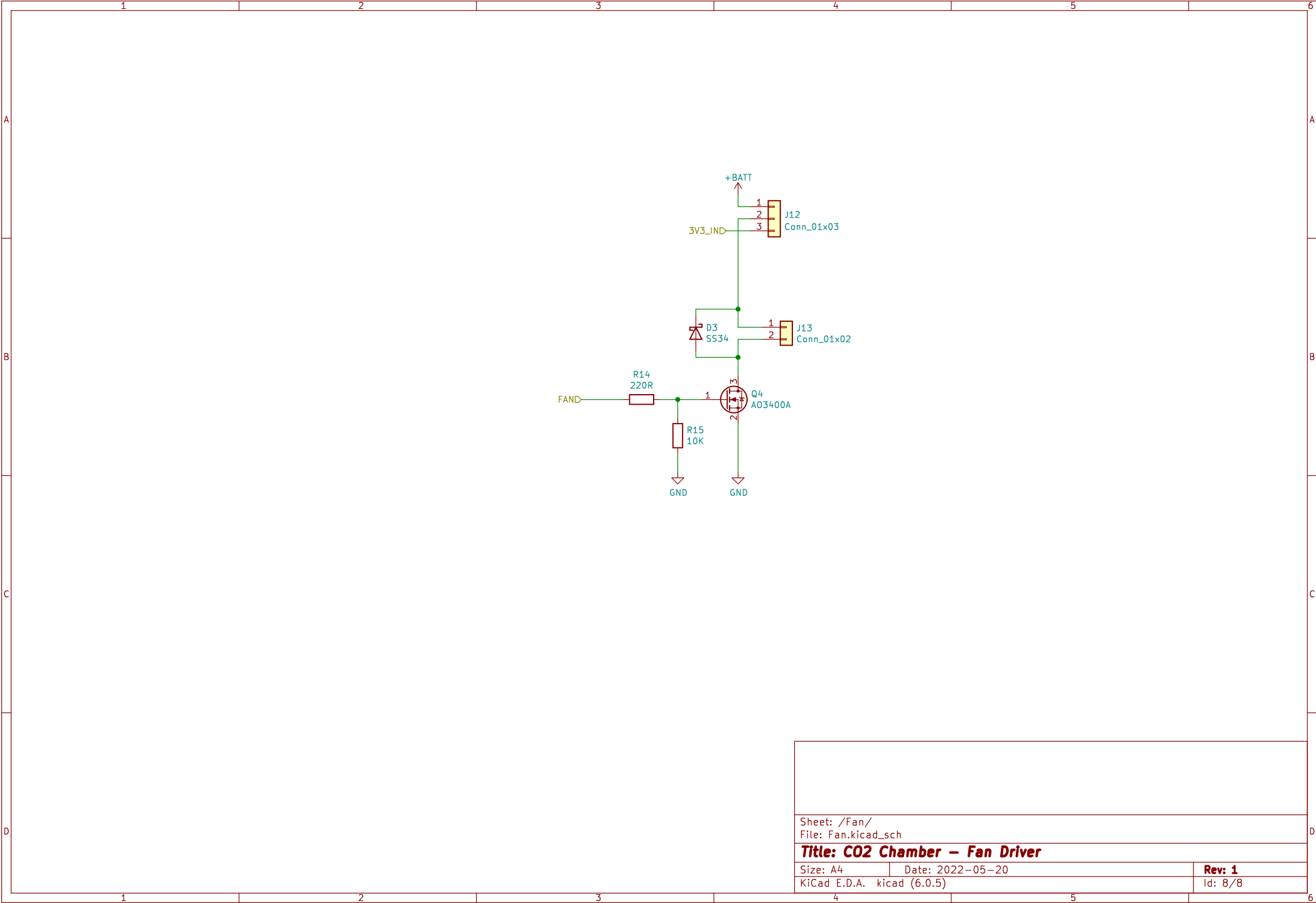
# **Title: C02 Chamber – Microcontroller**

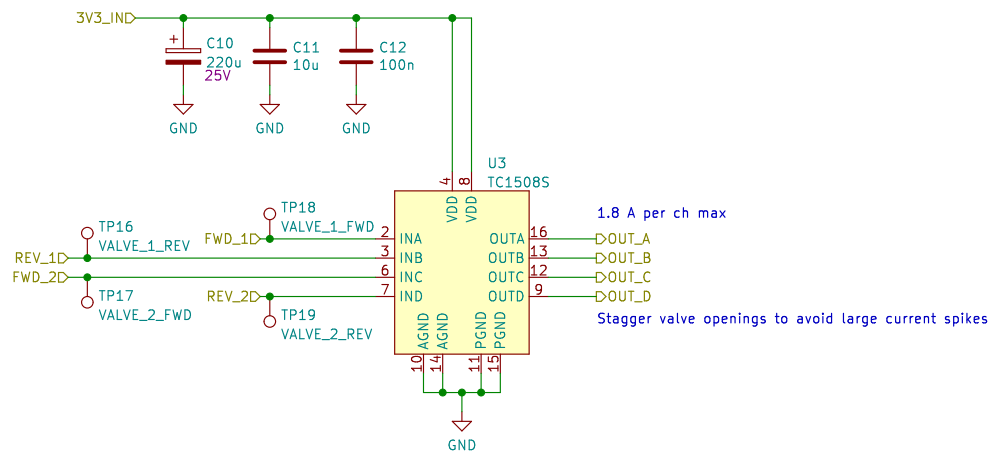
Size: A4 Date: 2022-05-20

KiCad E.D.A. kicad (6.0.5)

Rev: 1

Id: 7/8





Sheet: /Valve Driver/  
File: Valve\_Driver.kicad\_sch

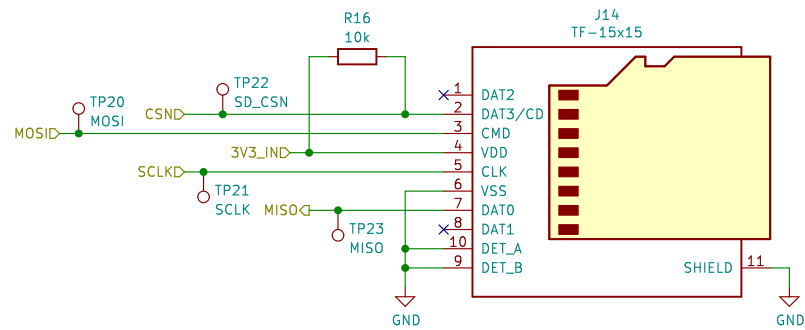
# **Title: CO2 Chamber – Valve Driver**

Size: A4 Date: 2022-05-20

KiCad E.D.A. kicad (6.0.5)

Rev: 1

Id: 9/8



Sheet: /SD Card/

File: SD\_card.kicad\_sch

**Title: CO2 Chamber – SD Card**

Size: A4 Date: 2022-05-20

KiCad E.D.A. kicad (6.0.5)

**Rev: 1**

Id: 10/8