

PCB with ESP32-WROOM-32 microcontroller board and different IO Options, CAN, Ethernet

**Doppelgrau**

Sheet: /

File: mainPCB.sch

**Title: ESP32 – F9P IO-Board**

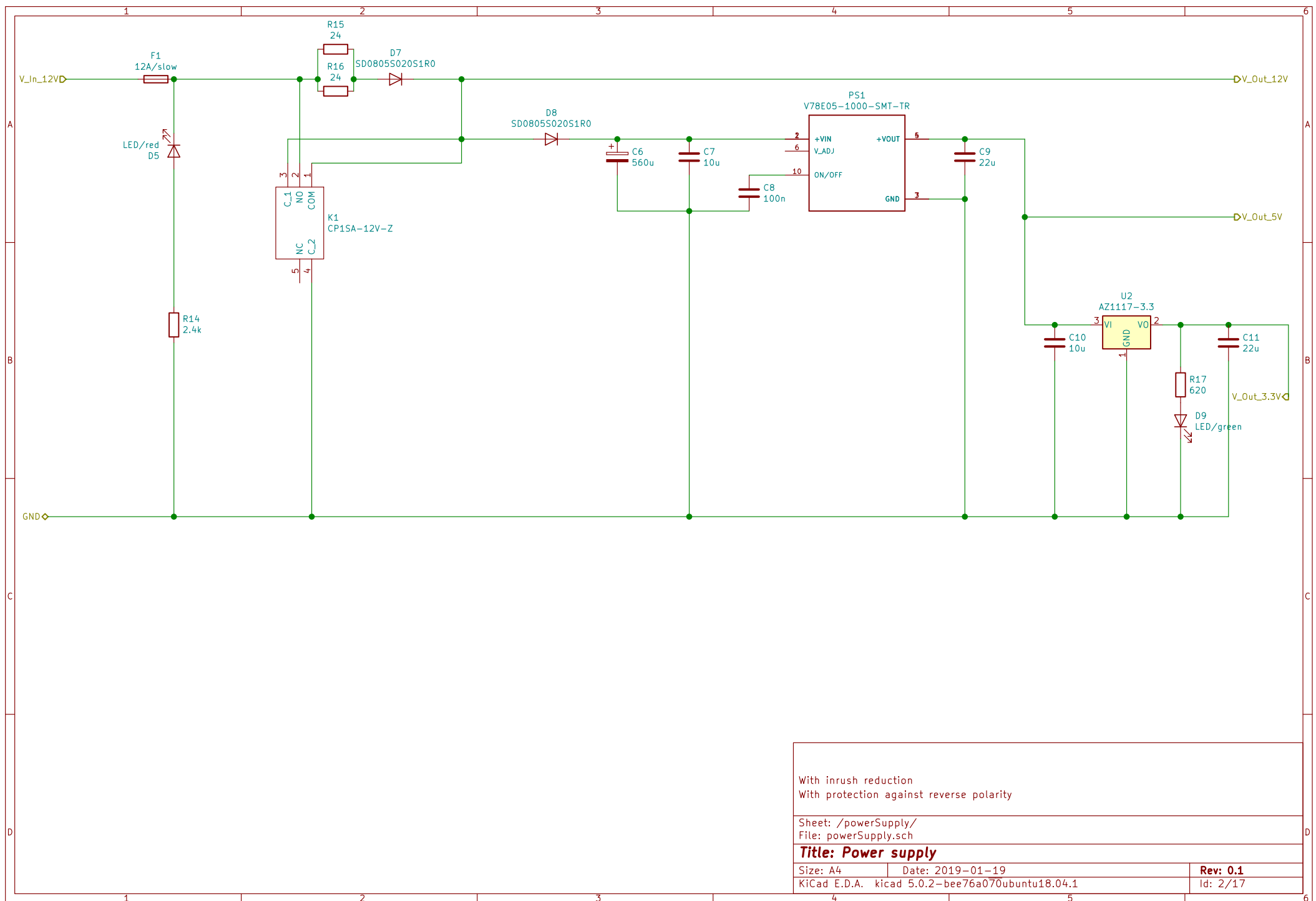
Size: A4

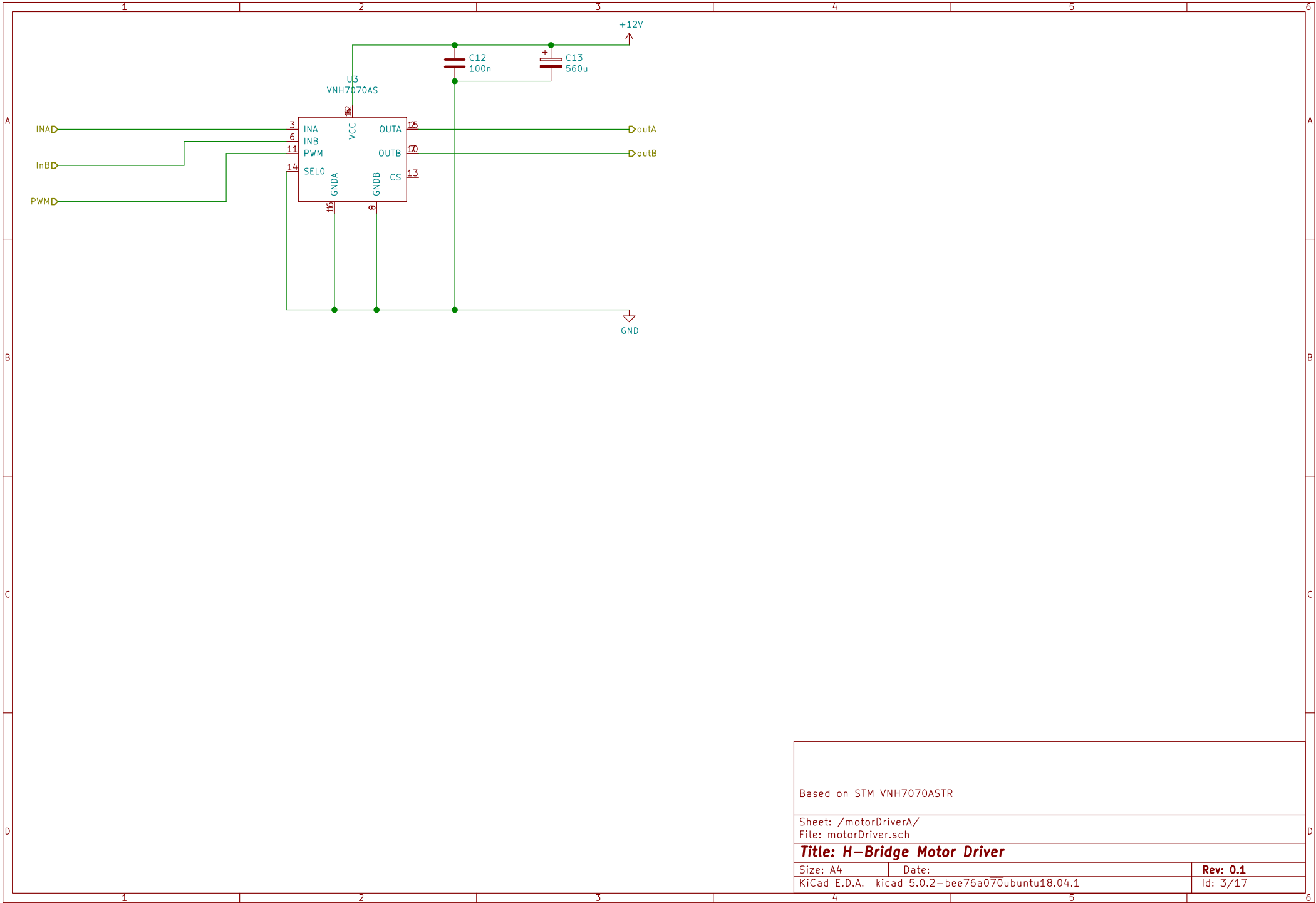
Date:

KiCad E.D.A. kicad 5.0.2- bce76a070ubuntu18.04.1

**Rev: 0.2**

Id: 1/17





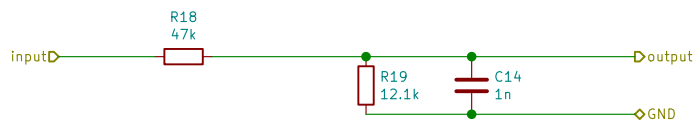
Based on STM32L085C8T6

Sheet: /motorDriverA/  
File: motorDriver.sch

**Title: H-Bridge Motor Driver**

Size: A4 Date:  
KiCad E.D.A. kicad 5.0.2-bee76a070ubuntu18.04.1

Rev: 0.1  
Id: 3/17

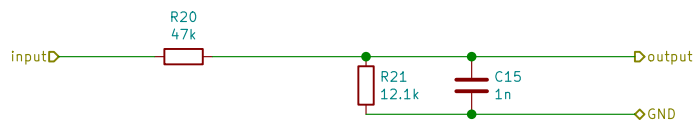


Sheet: /Input\_1/  
File: ProtectedInput.sch

**Title:**

Size: A4	Date:
KiCad E.D.A. kicad 5.0.2-ubuntu18.04.1	

Rev:
Id: 4/17

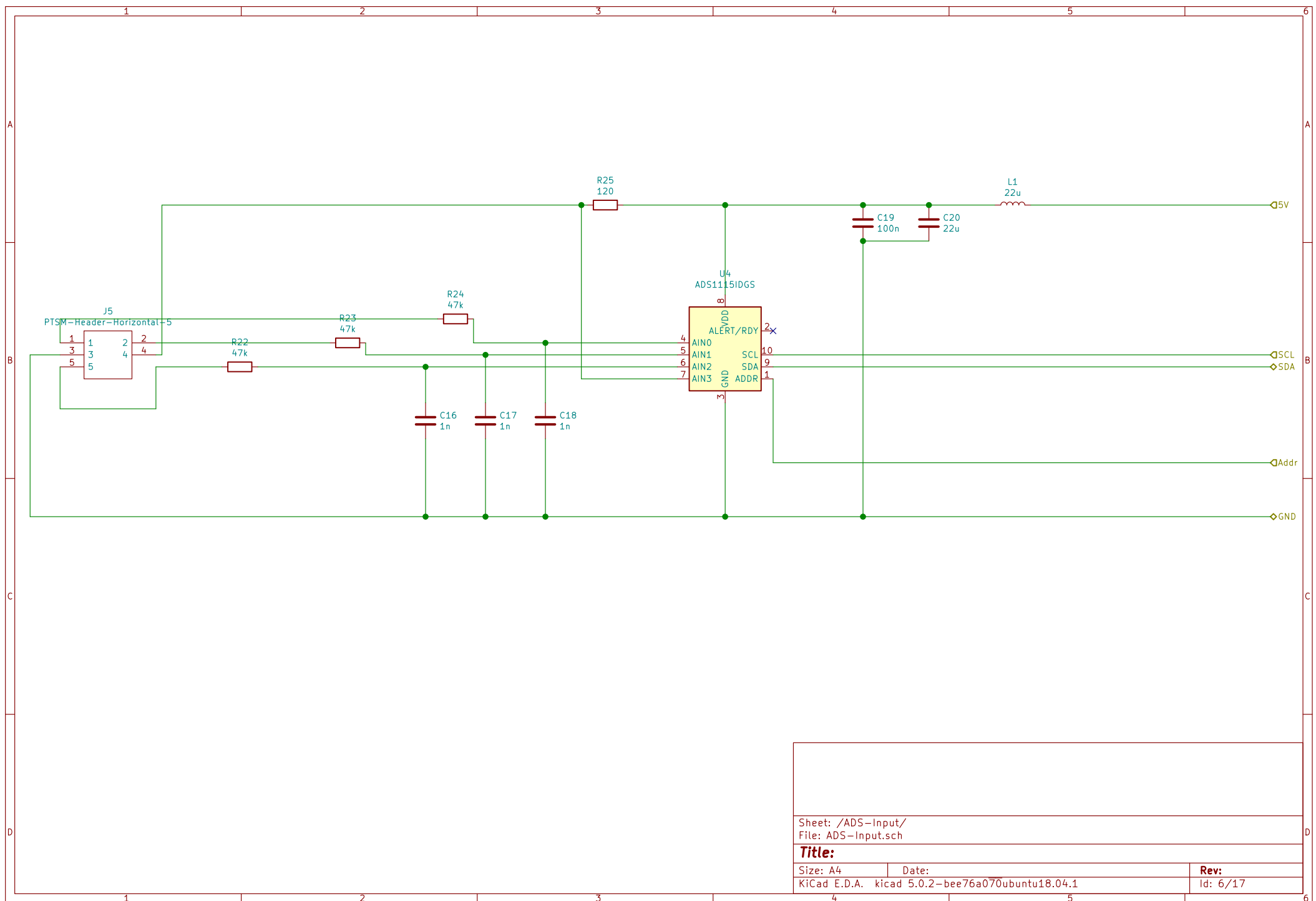


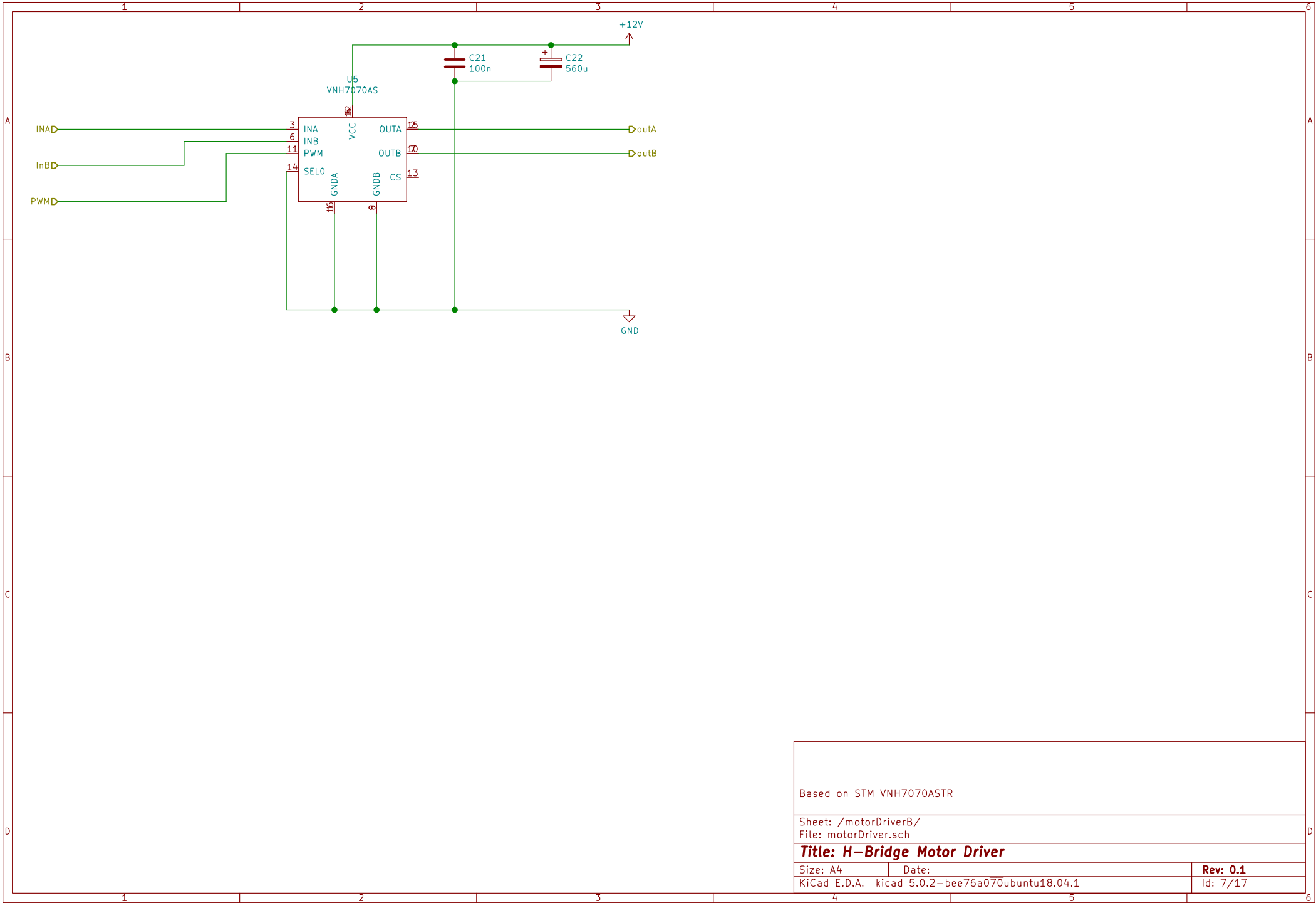
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File: ProtectedInput.sch

**Title:**

Size: A4	Date:
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Rev:
Id: 5/17





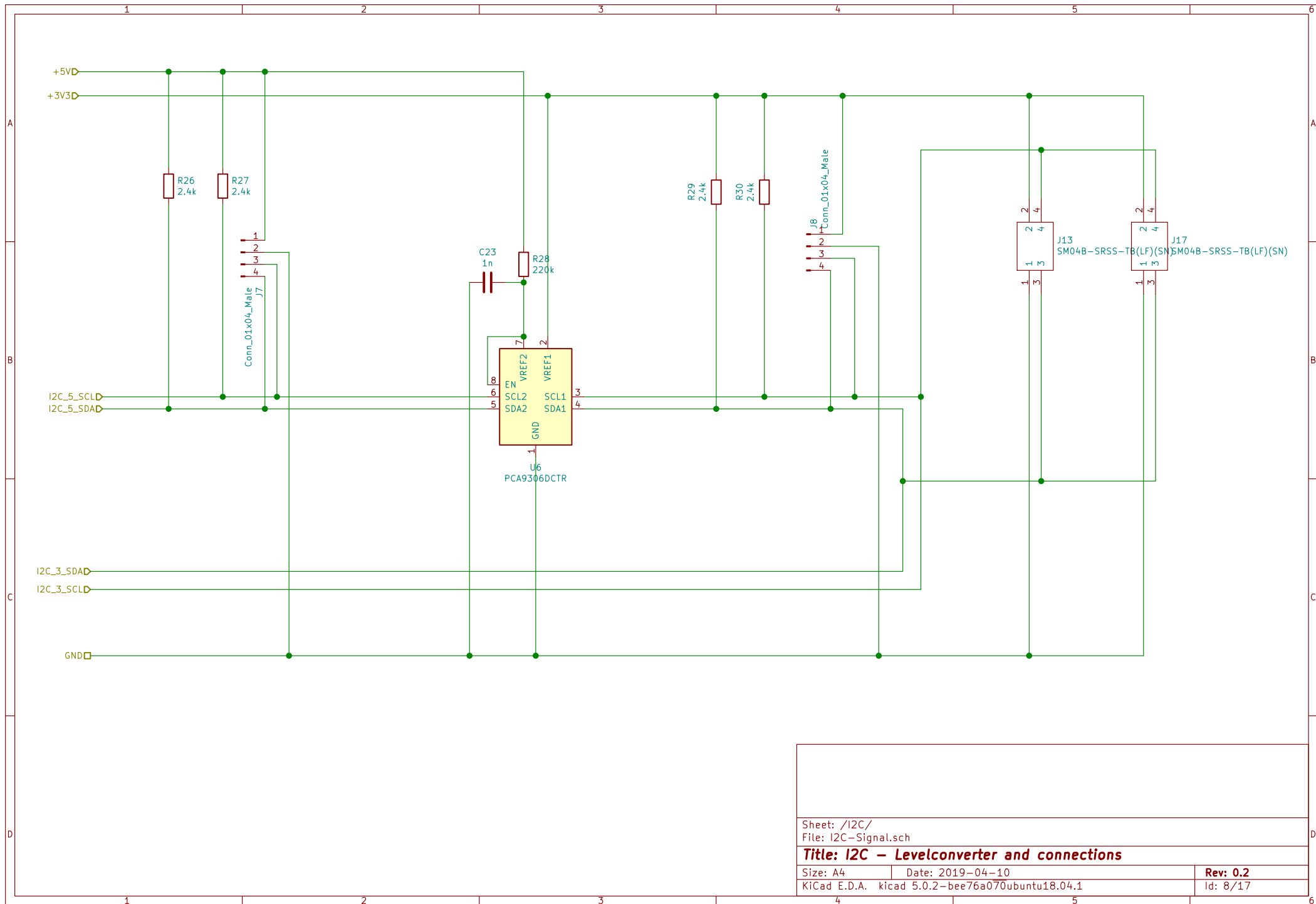
Based on STM VNH7070ASTR

Sheet: /motorDriverB/  
File: motorDriver.sch

**Title: H-Bridge Motor Driver**

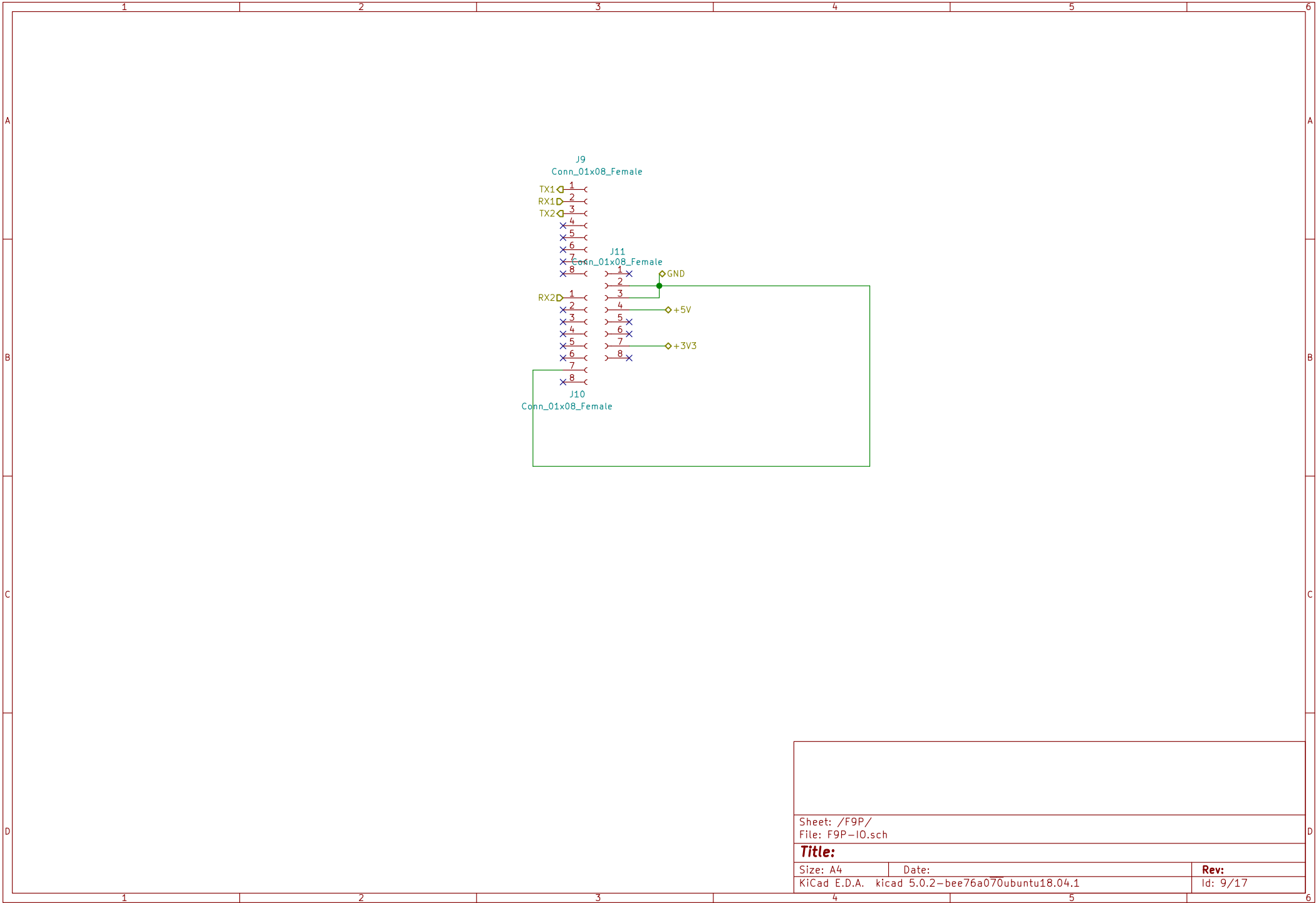
Size: A4 Date:  
KiCad E.D.A. kicad 5.0.2-bee76a070ubuntu18.04.1

Rev: 0.1  
Id: 7/17

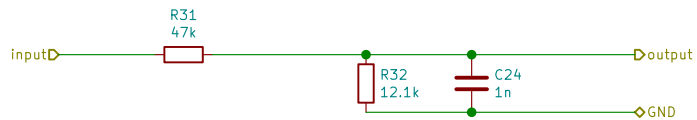


Sheet: /I2C/		
File: I2C-Signal.sch		
Title: I2C – Levelconverter and connections		
Size: A4	Date: 2019-04-10	Rev: 0.2
KiCad E.D.A. kicad 5.0.2-ubuntu18.04.1		Id: 8/17





Sheet: /F9P/		
File: F9P-I0.sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 5.0.2-bee76a070ubuntu18.04.1		Id: 9/17

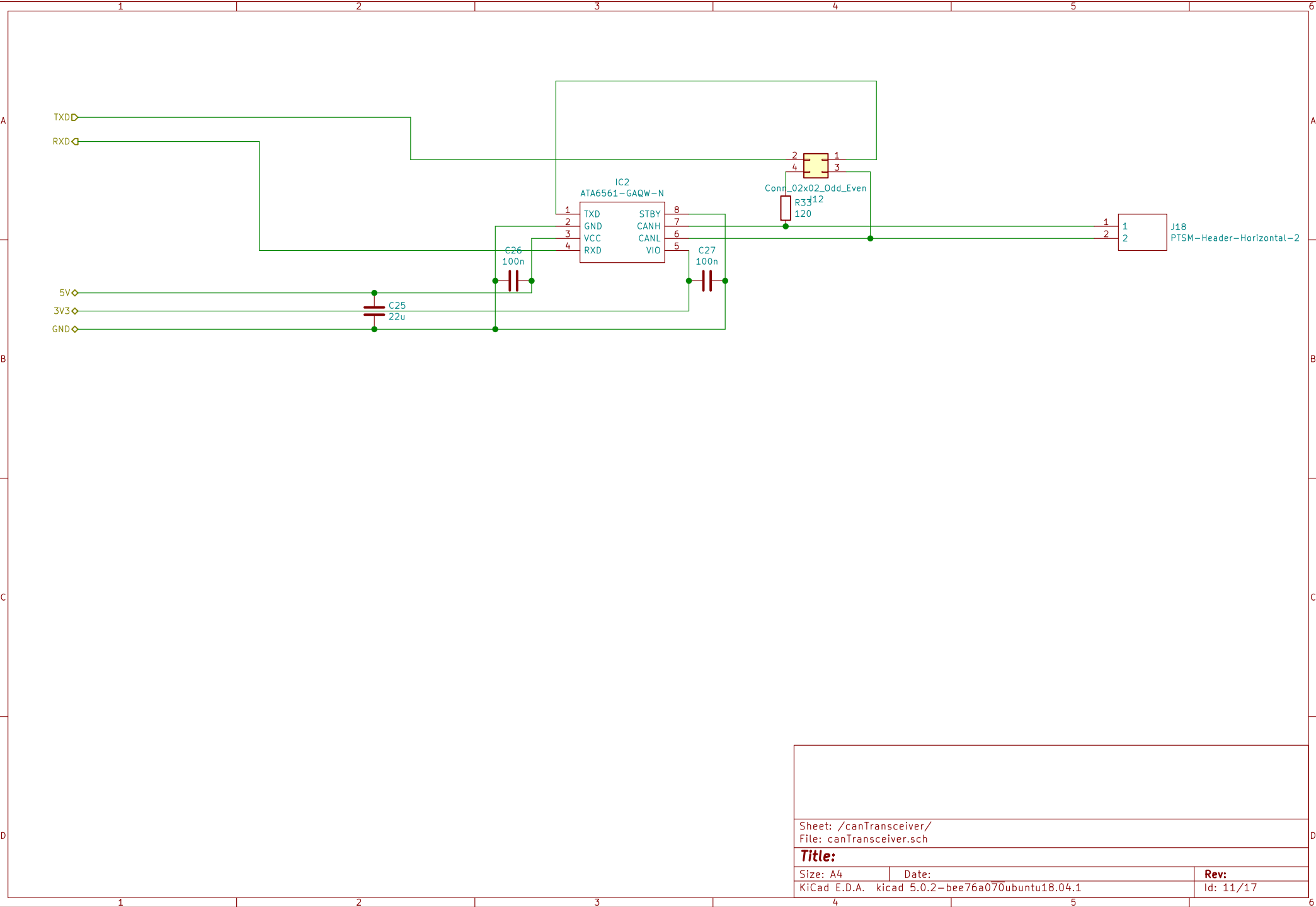


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Size: A4	Date:
KiCad E.D.A. kicad 5.0.2-ubuntu18.04.1	

Rev:
Id: 10/17



Sheet: /canTransceiver/  
File: canTransceiver.sch

**Title:**

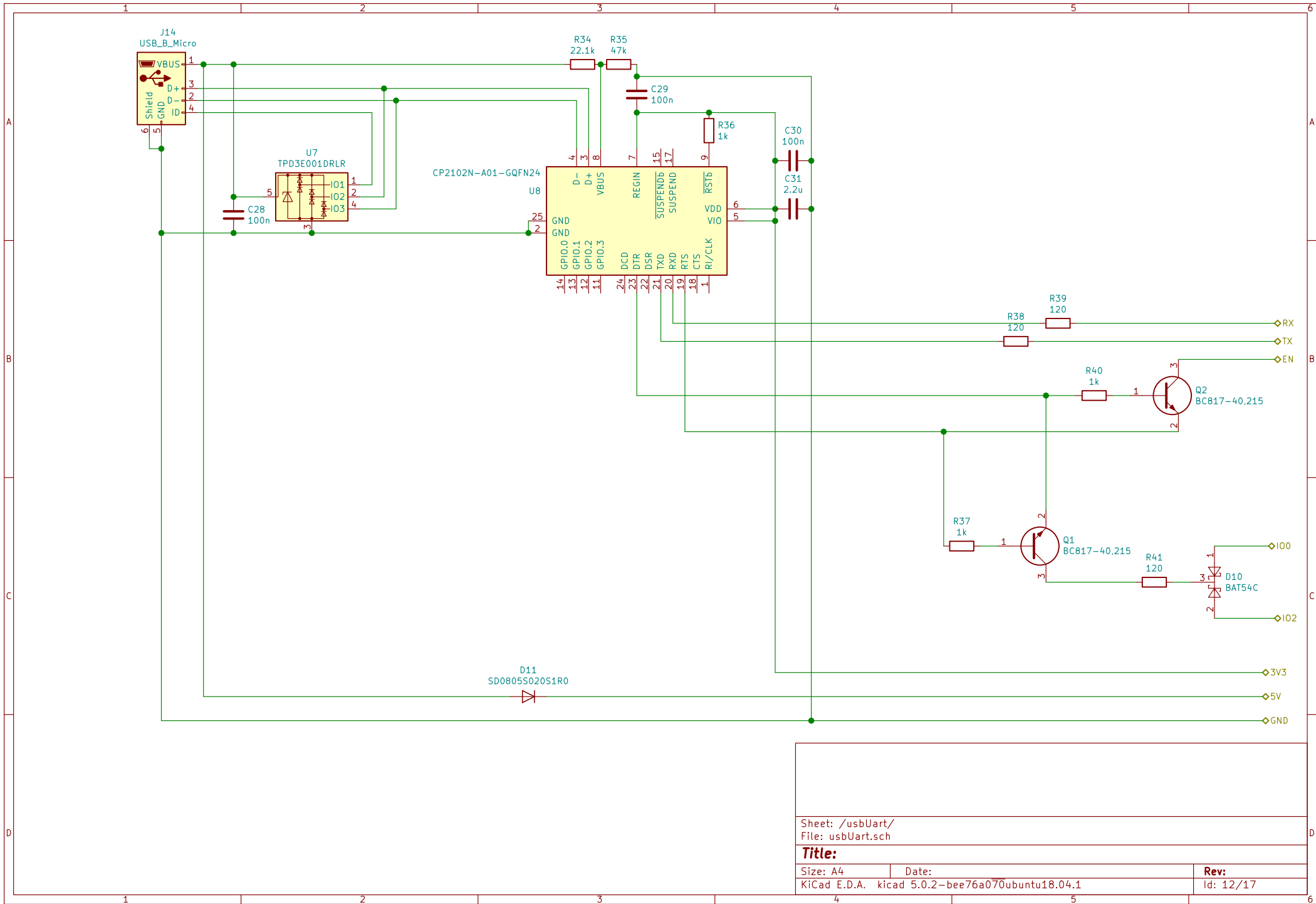
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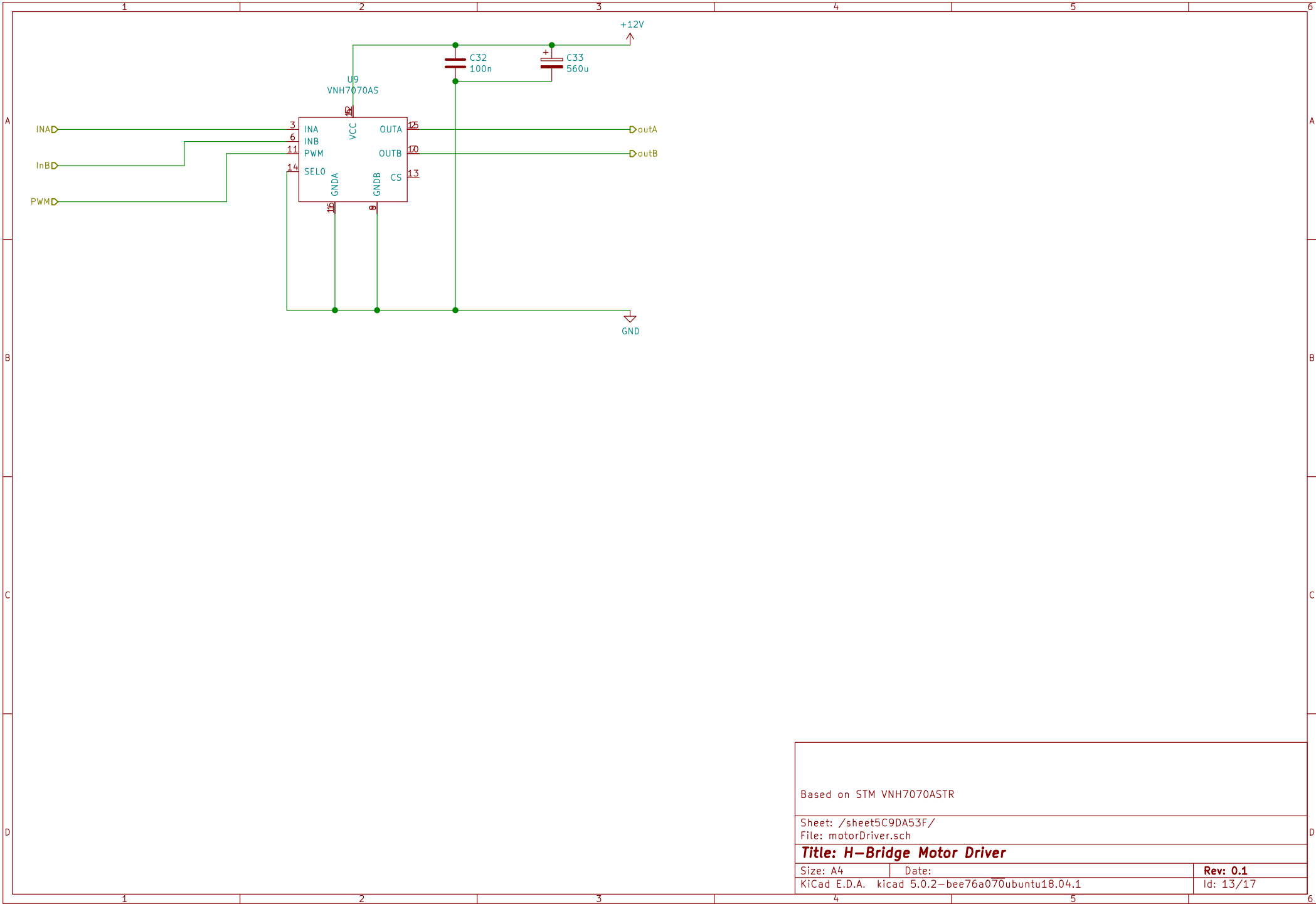
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KiCad E.D.A. kicad 5.0.2-bee76a070ubuntu18.04.1

Rev:

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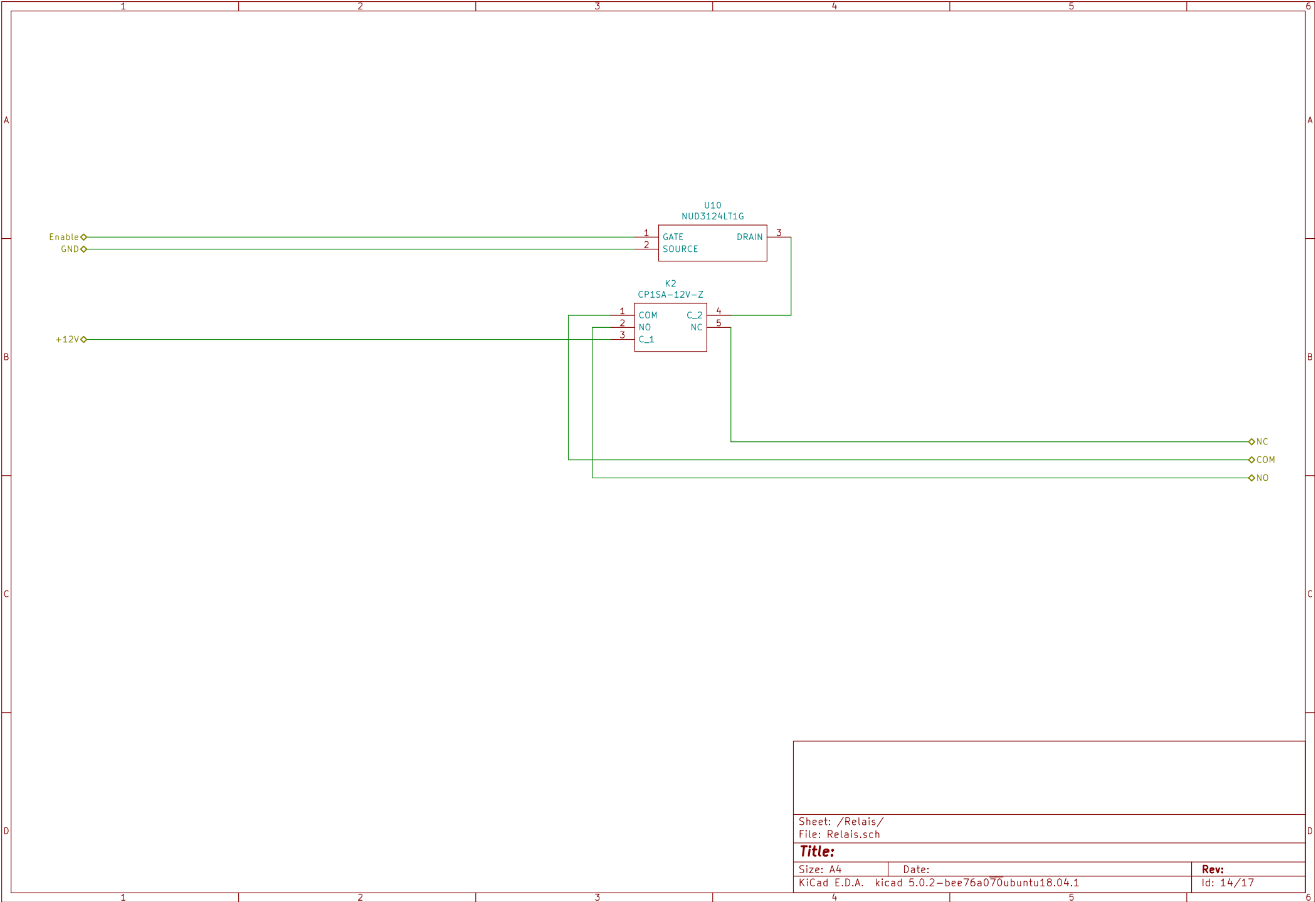
Based on STM VN77070ASTR

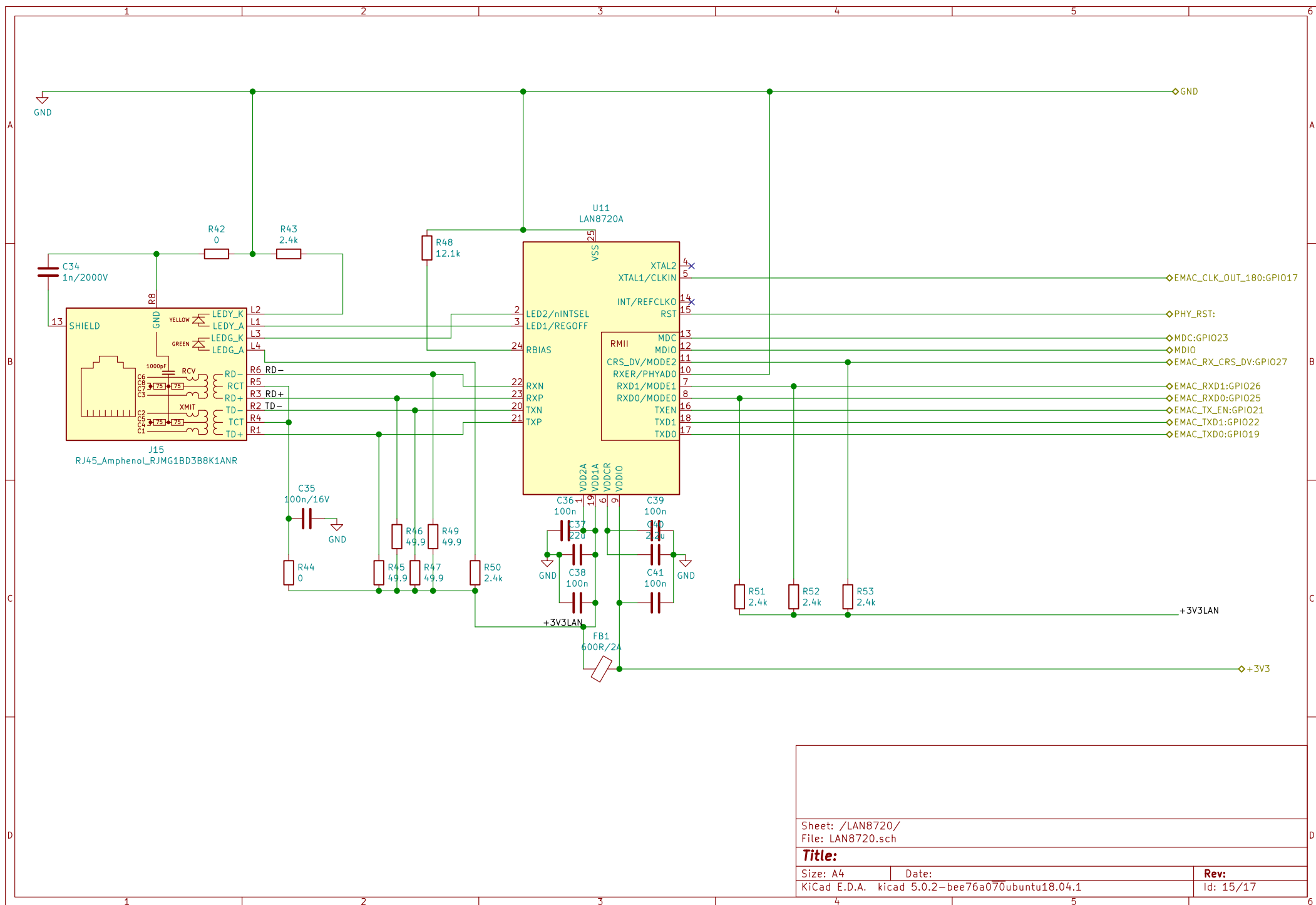
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File: motorDriver.sch

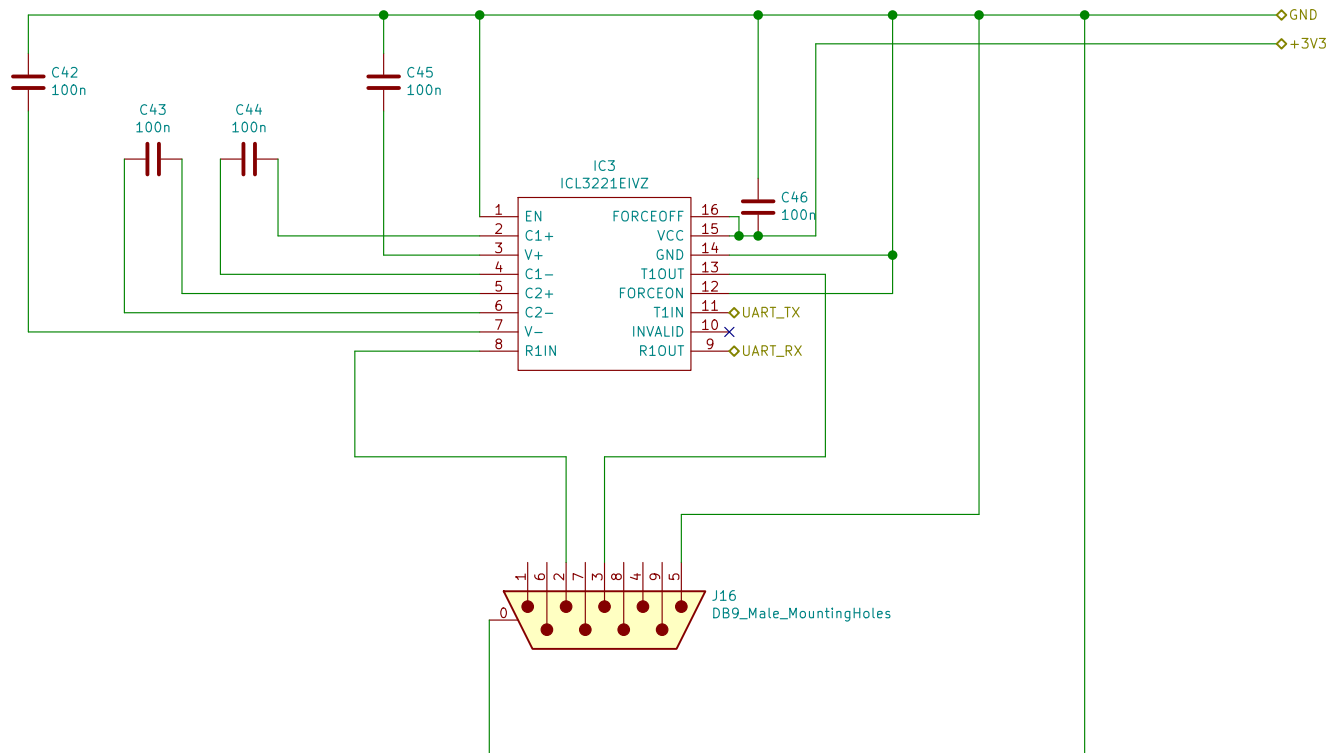
**Title: H-Bridge Motor Driver**

Size: A4	Date:
KiCad E.D.A. kicad 5.0.2-bee76a070ubuntu18.04.1	

Rev: 0.1
Id: 13/17







Sheet: /RS232/  
File: RS232.sch

**Title:**

Size: A4

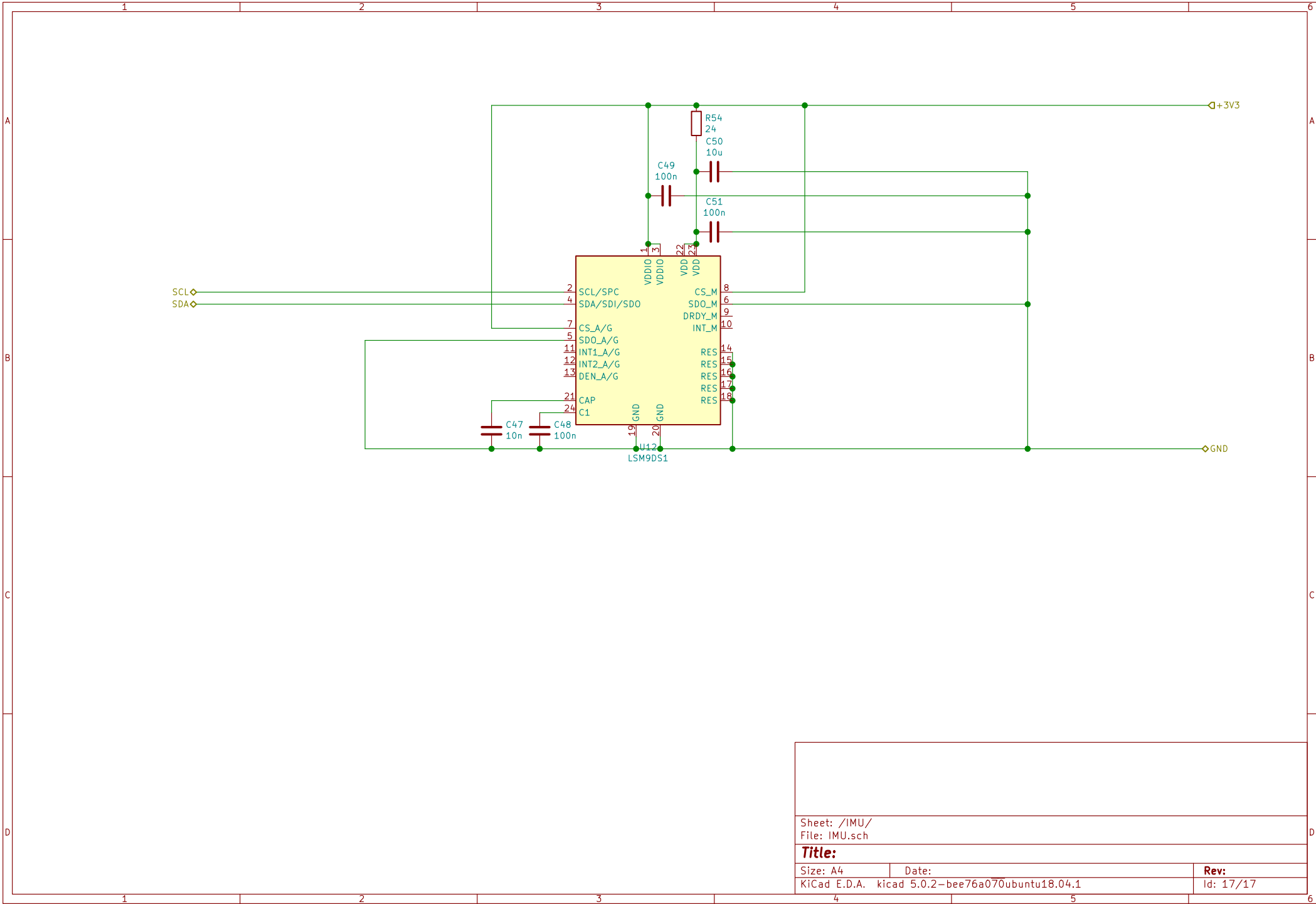
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KiCad E.D.A. kicad 5.0.2-ubuntu18.04.1

**Rev:**

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Sheet: /IMU/ File: IMU.sch		
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Size: A4	Date:	Rev:
KiCad E.D.A. kicad 5.0.2-bee76a070ubuntu18.04.1		Id: 17/17