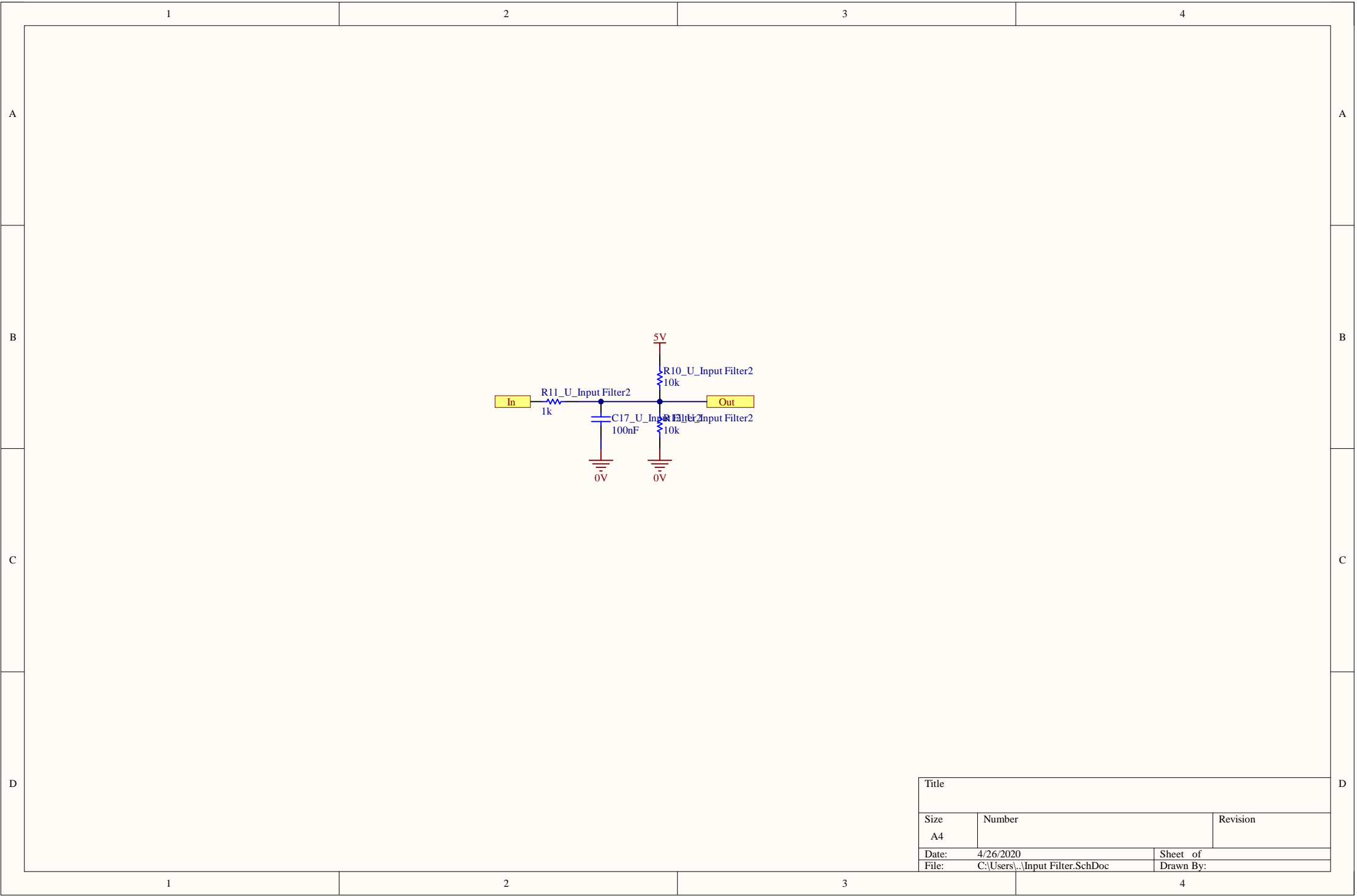
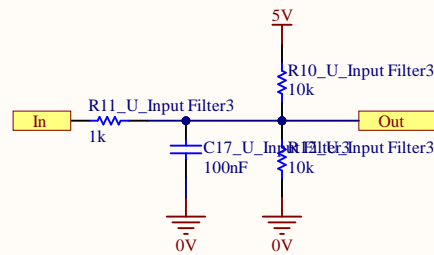
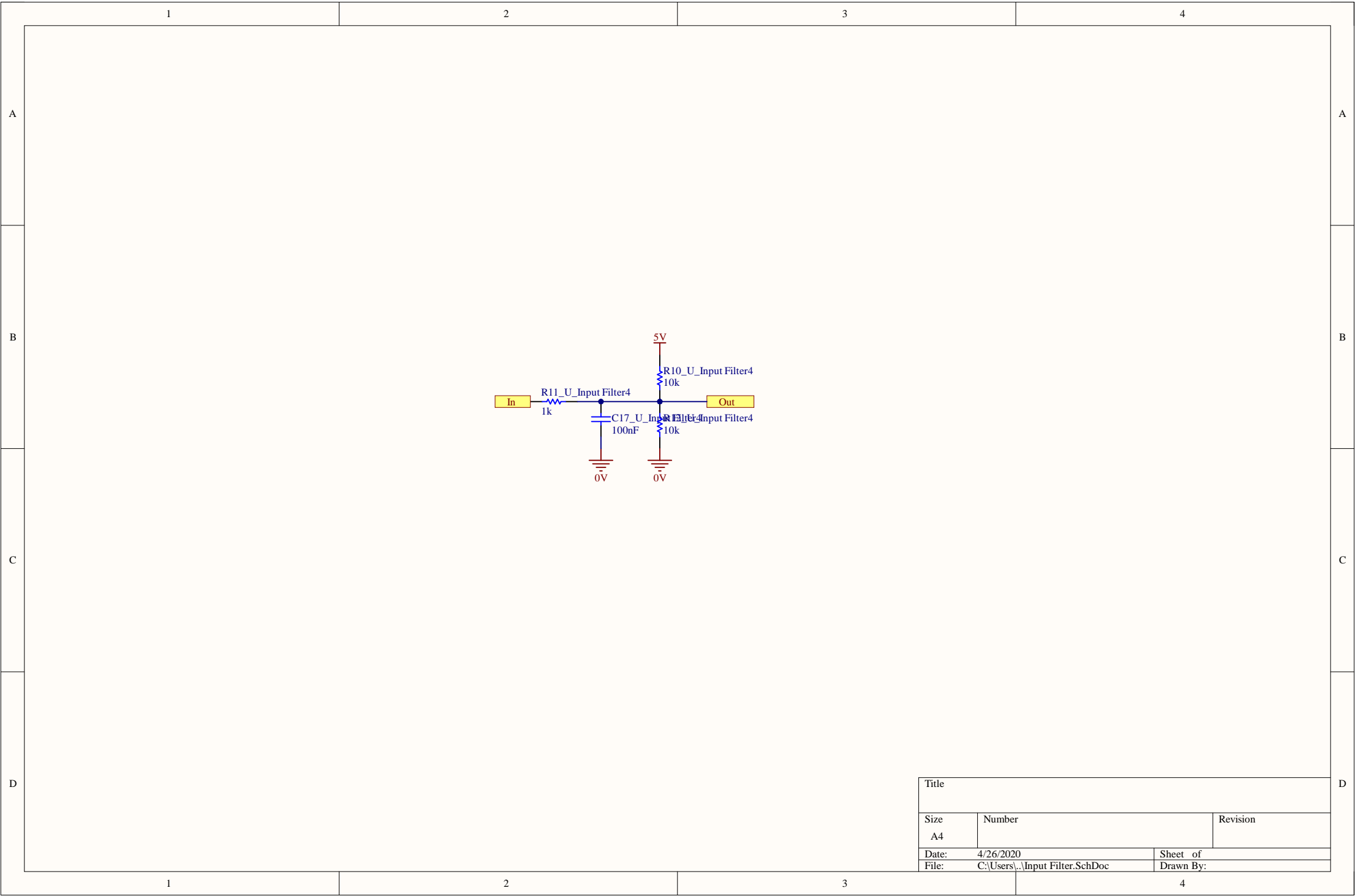


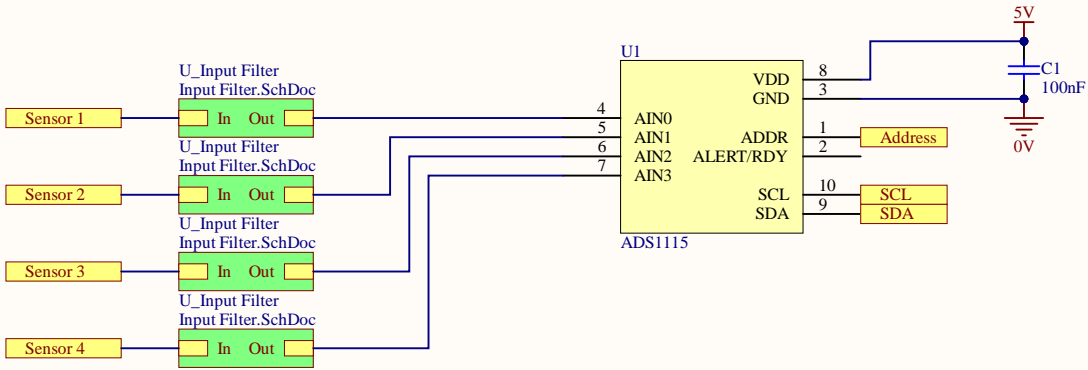
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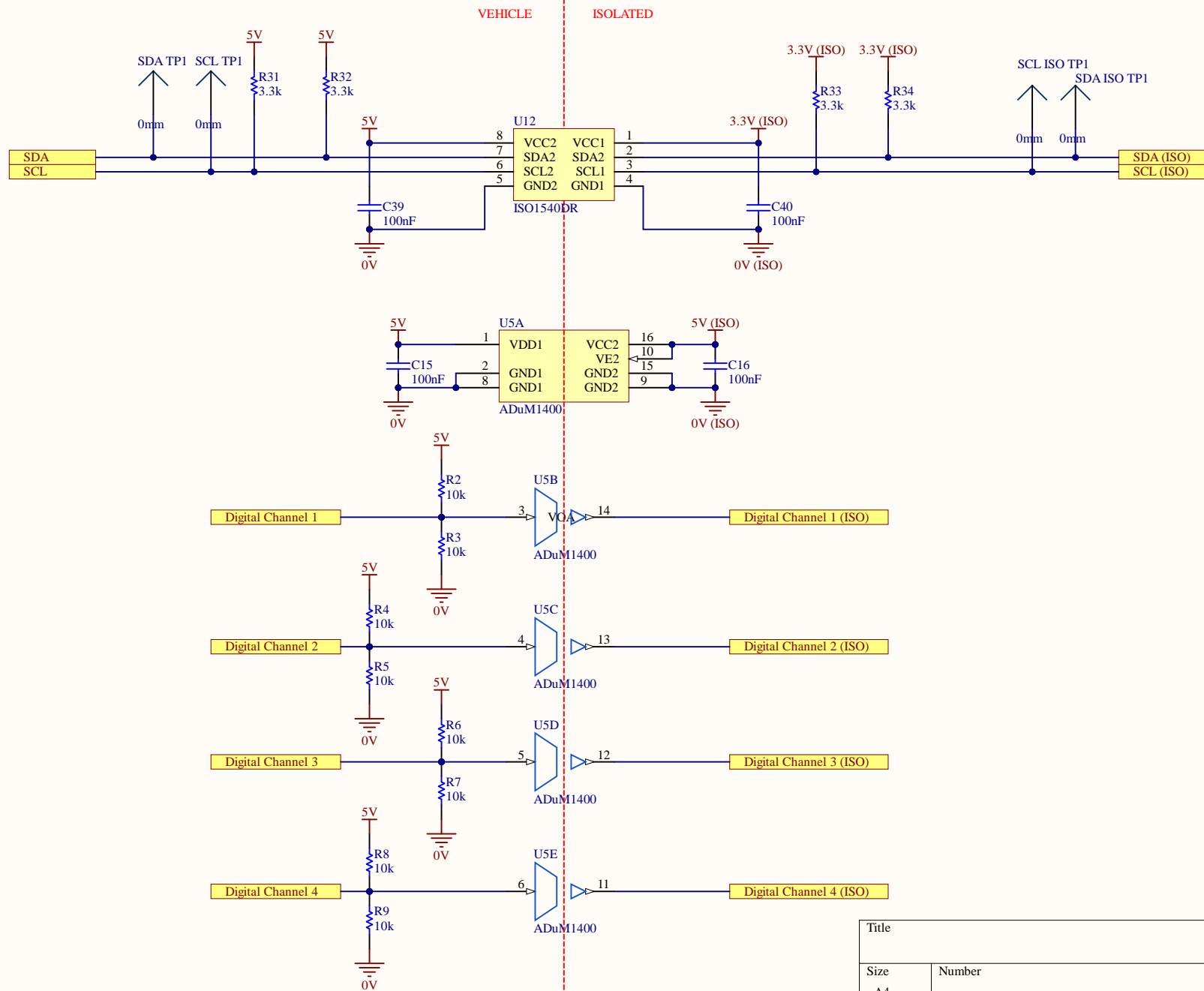
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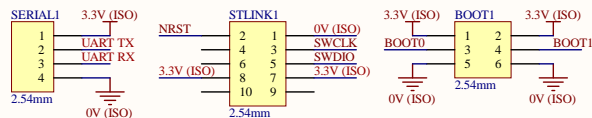
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Date:	4/26/2020	Sheet of
File:	C:\Users\...\Digital Inputs.SchDoc	Drawn By:

A



#### Instructions to Use PLATFORMIO & STLINK

platformio.ini  
For use with Arduino Environment  
[env:genericSTM32F103R8]  
platform = ststm32  
board = genericSTM32F103C8  
framework = arduino  
upload\_protocol = stlink

#### BOOT JUMPER POSITIONS

	BOOT1	BOOT0
User Flash	X	0
System (Bootloader)	0	1
Embedded SRAM	1	1

#### ST-LINK

For all operations, use the select the bootloader, then reset the device.

#### Example Code

```
#include "Arduino.h"

#define LED_BUILTIN PC13
USBSerial usb;

void setup()
{
  pinMode(LED_BUILTIN, OUTPUT);
  Serial.begin(9600);
  usb.begin(9600);
}

void loop()
{
  digitalWrite(LED_BUILTIN, HIGH);
  Serial.println("Serial LED OFF");
  usb.println("usb LED OFF");

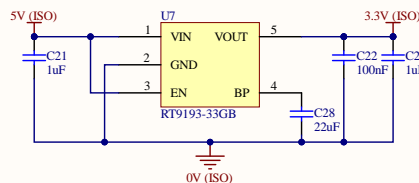
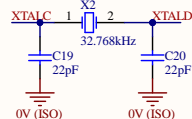
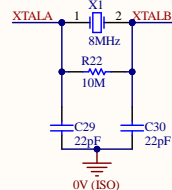
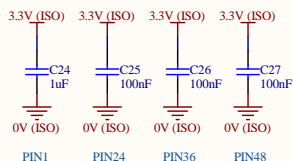
  delay(1000);

  digitalWrite(LED_BUILTIN, LOW);
  Serial.println("Serial LED ON");
  usb.println("usb LED ON");

  delay(1000);
}
```

<https://www.shorlnotes.com/2017/06/how-to-use-platformio-to-develop-for.html>  
<https://www.onetransistor.eu/2018/09/stm32-bluepill-dev-nbed-platformio-vscode.html>

D





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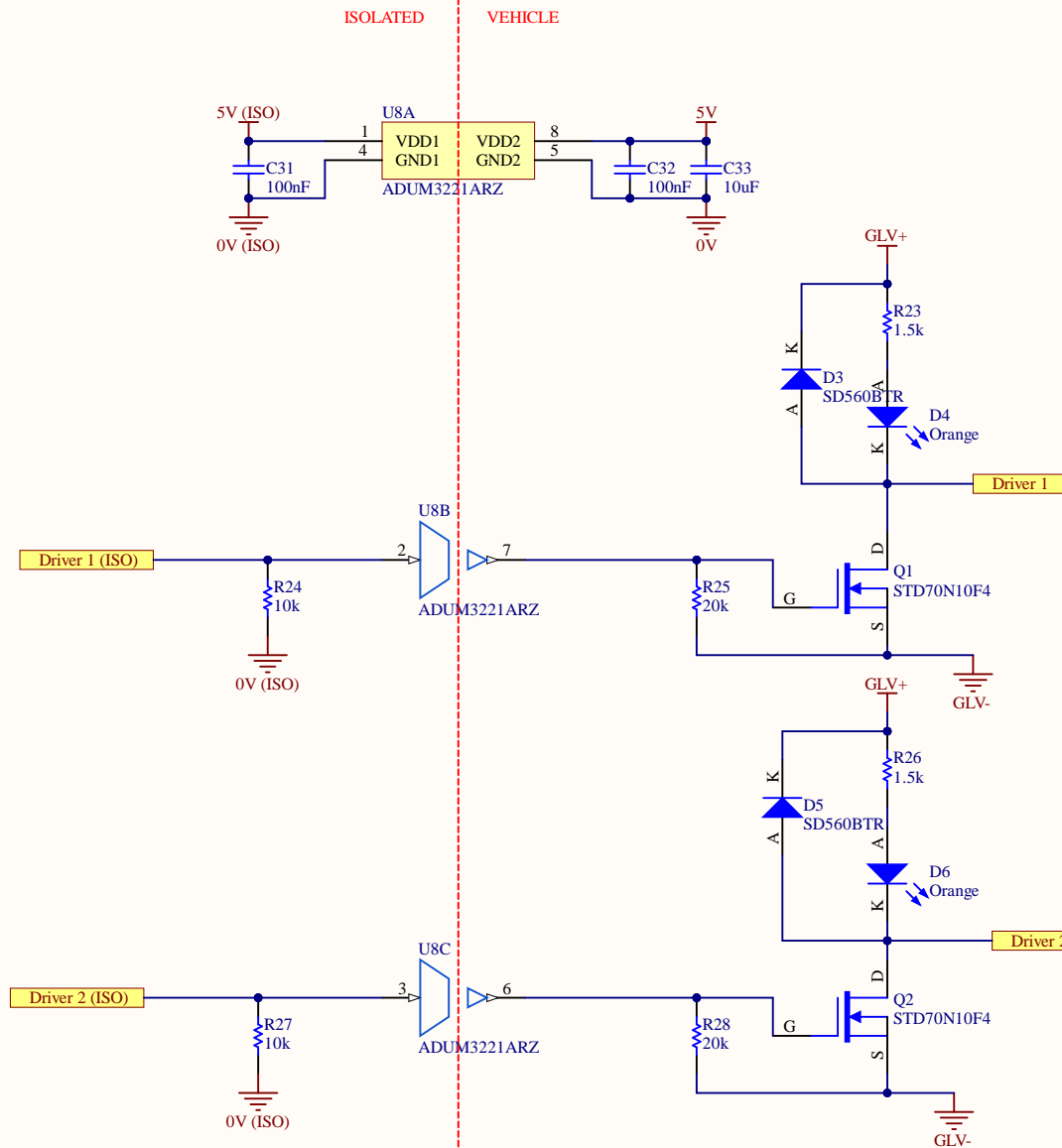
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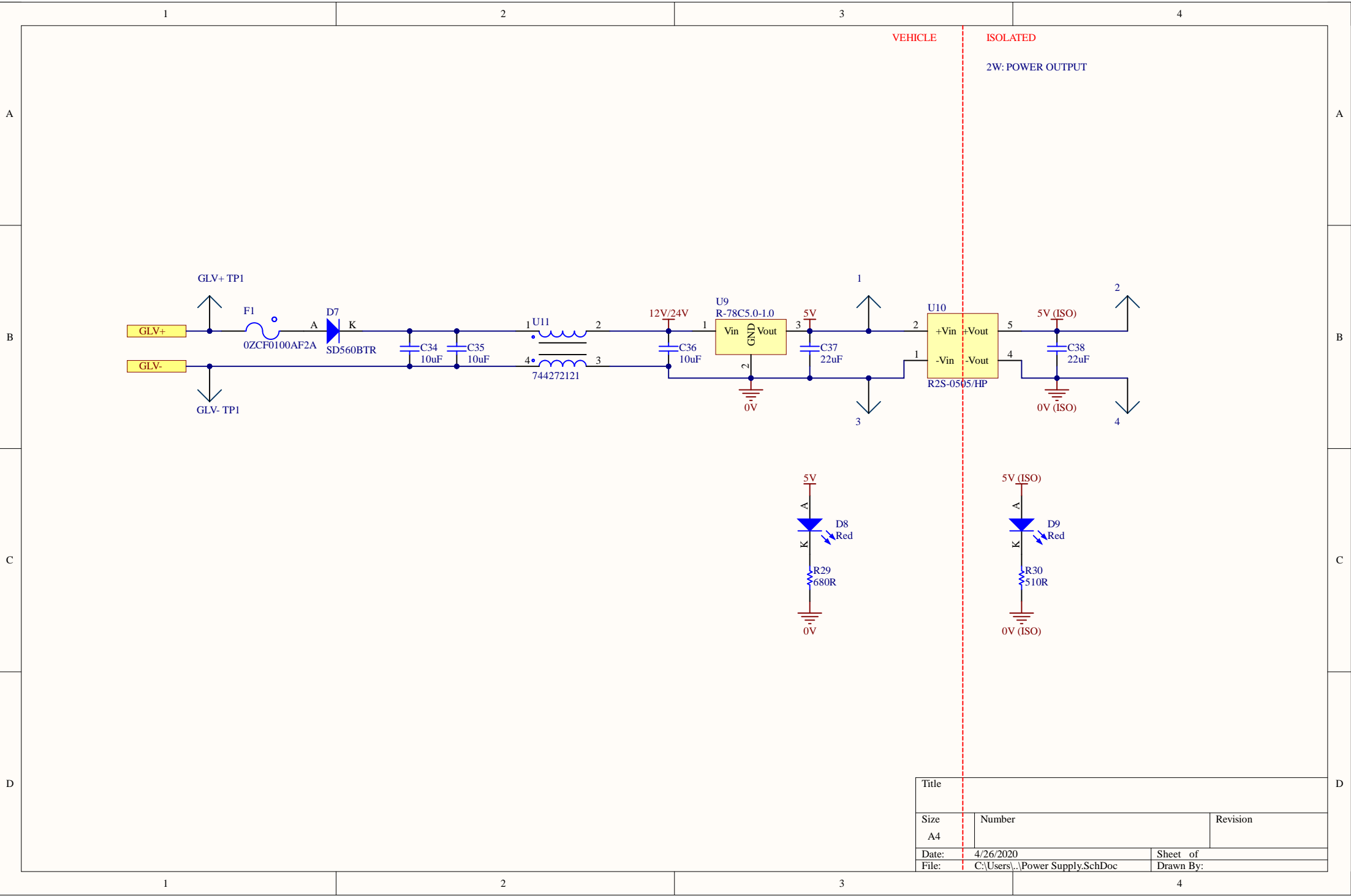
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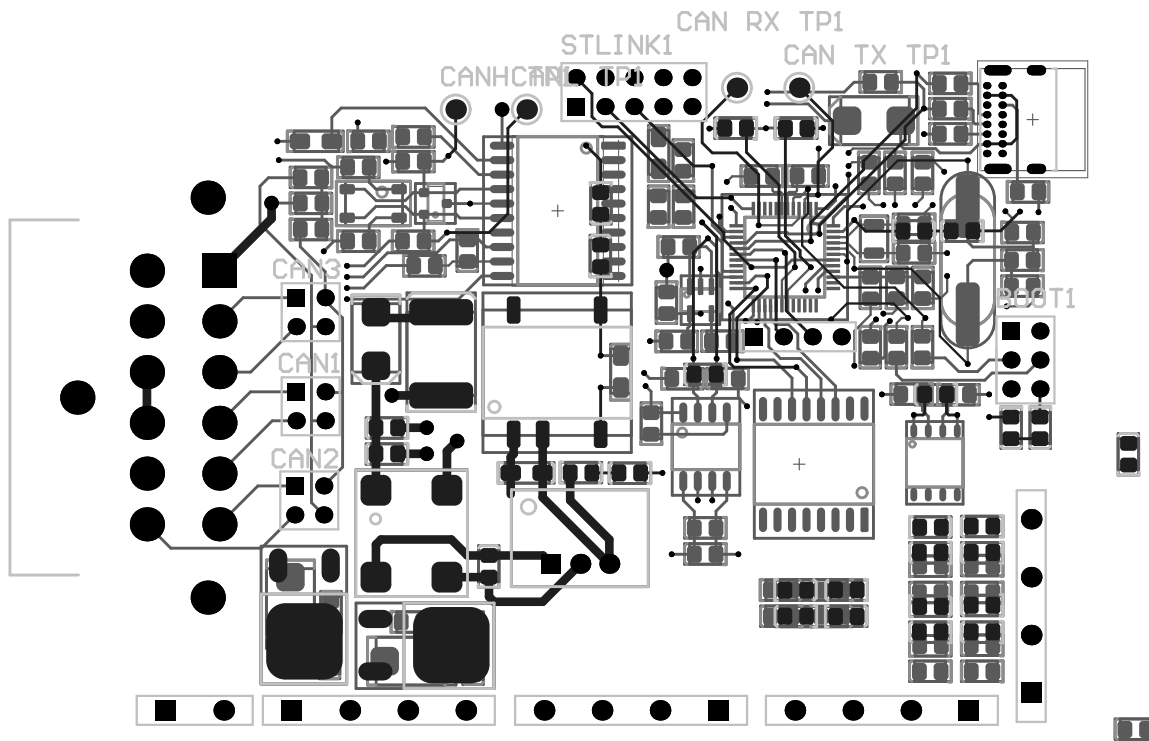
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2 ● GLV+ TP1 1 ●

R31 R32 SCL ISO TP1 SDA ISO TP1 SCL TP1 SDA TP1

C1 U1

3 ● 4 ● GLV- TP1

P1