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VEHICLE

ISOLATED

POWER CONSUMPTION
650mW: CAN ISOLATOR

A

A

B

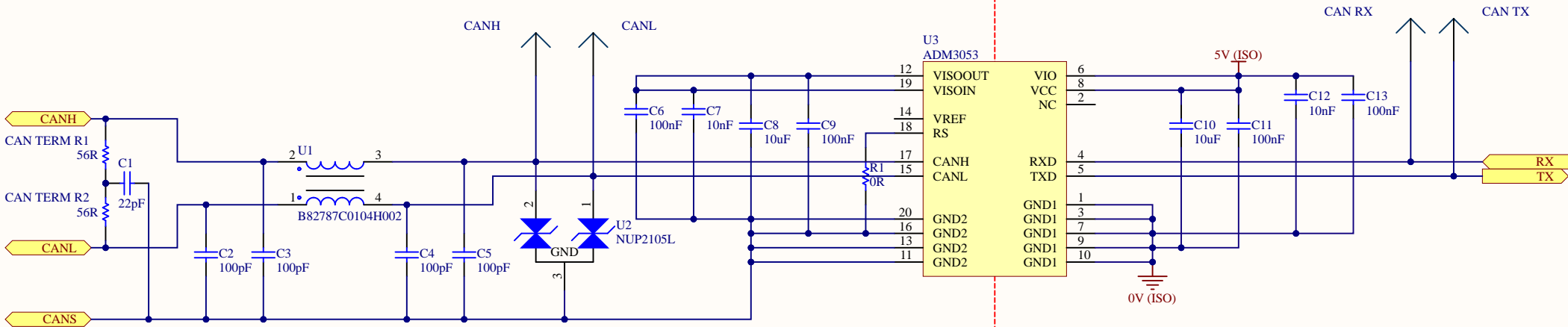
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D



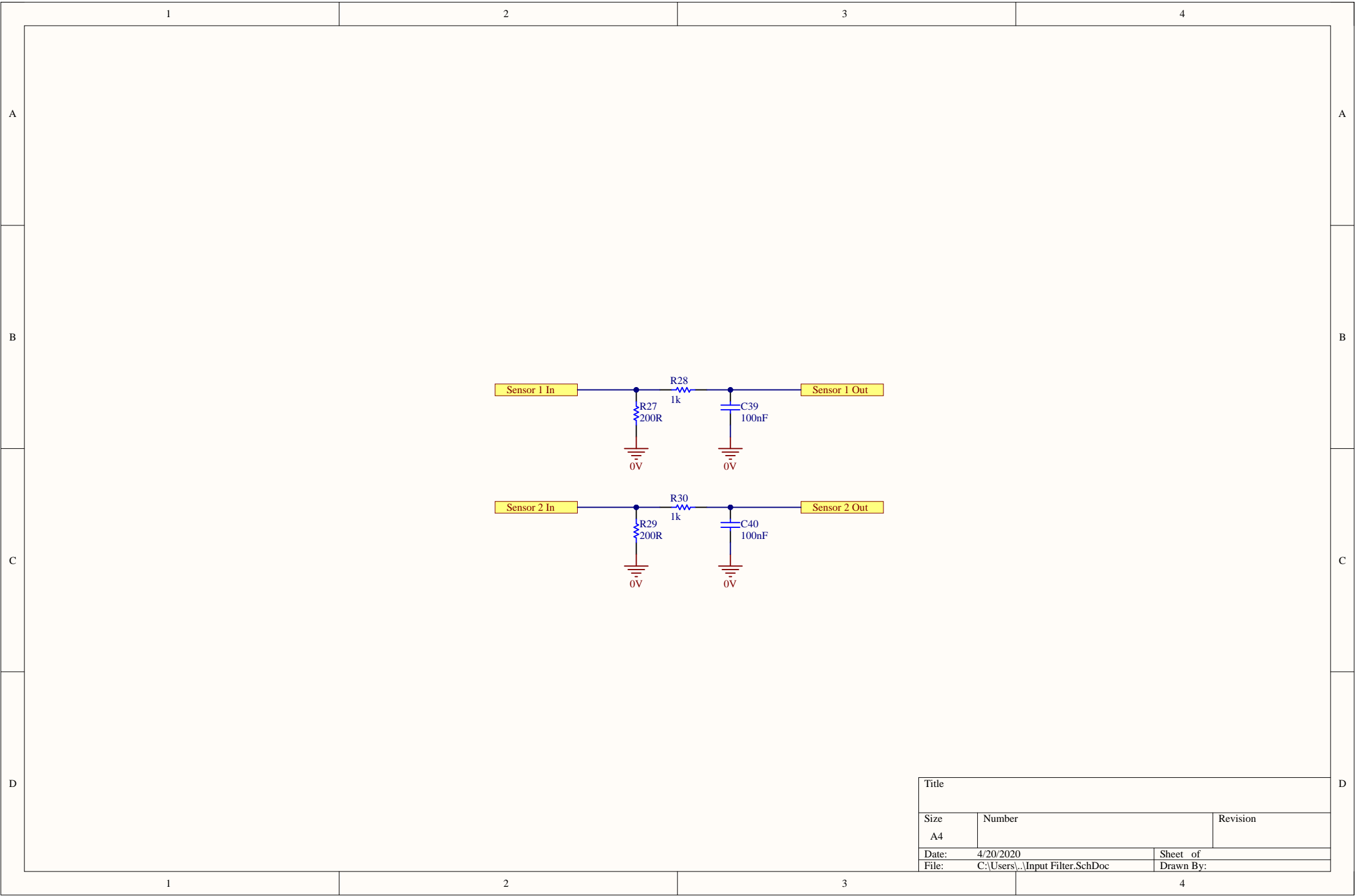
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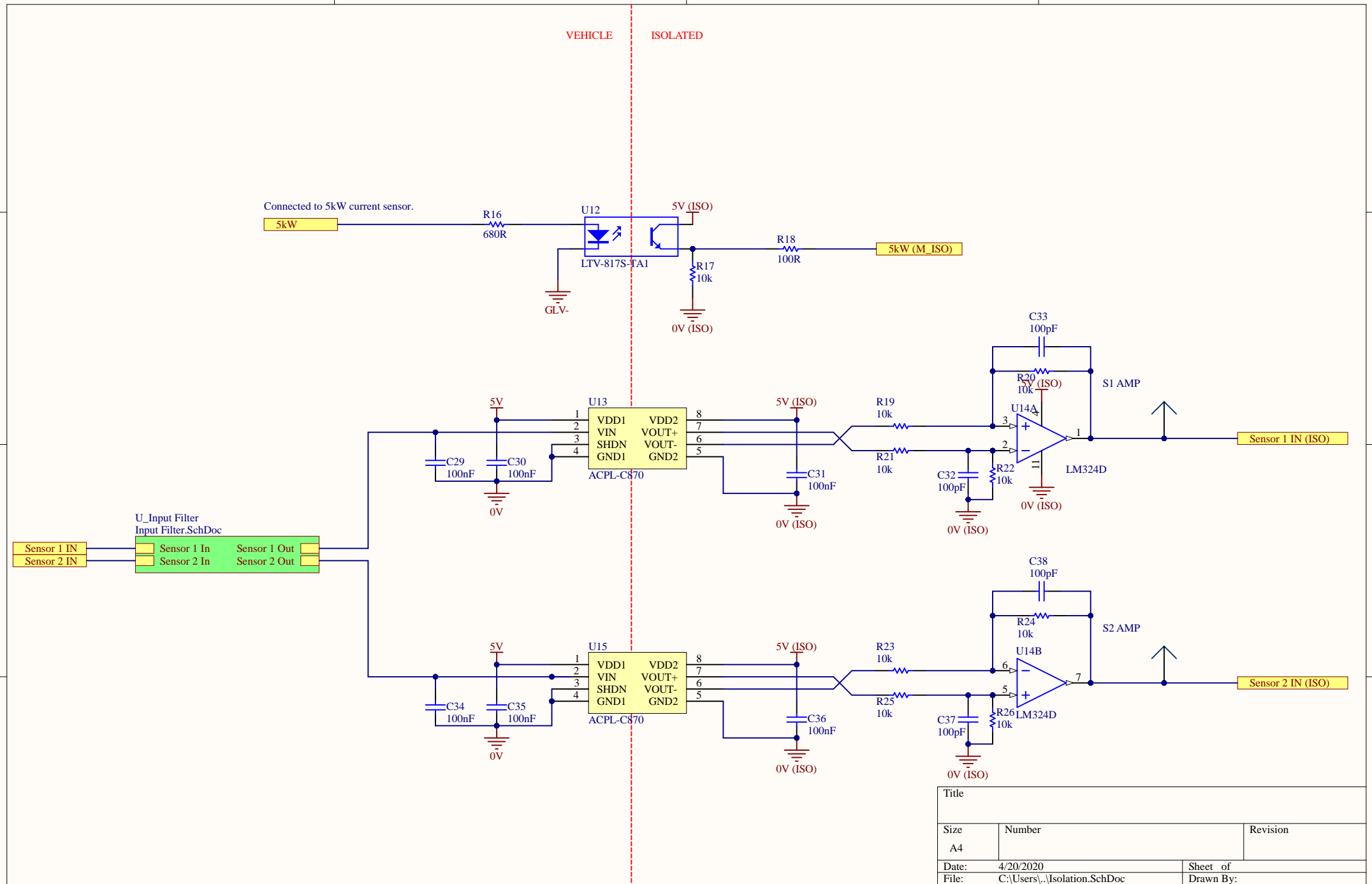
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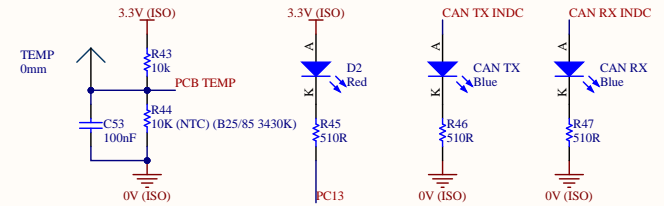
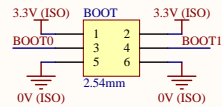
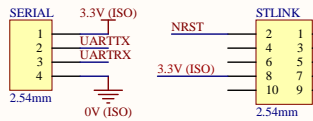


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Instructions to Use PLATFORMIO & STLINK platformio.ini
For use with Arduino Environment
[env:genericSTM32F103R8]
platform = ststm32
board = genericSTM32F103C8
framework = arduino
upload_protocol = stlink

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.

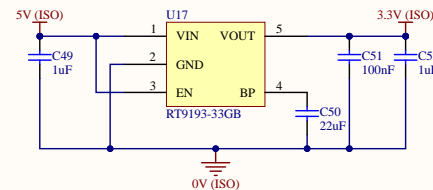
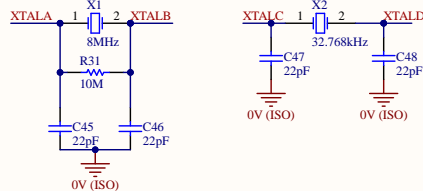
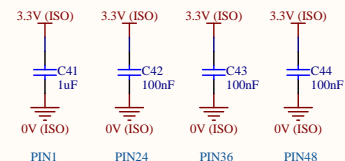
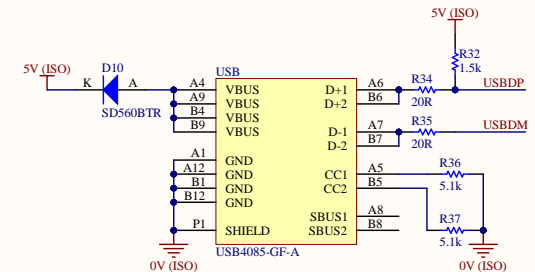
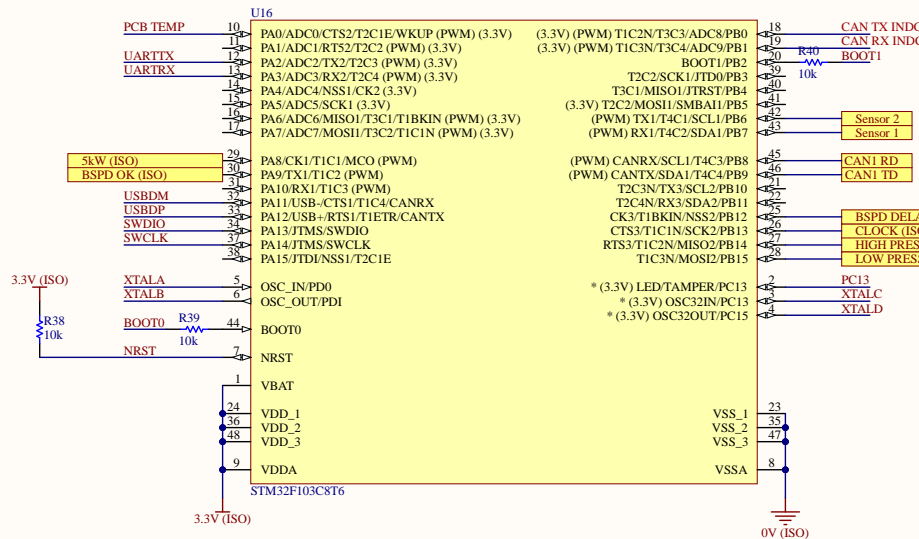
Example Code
#include "Arduino.h"

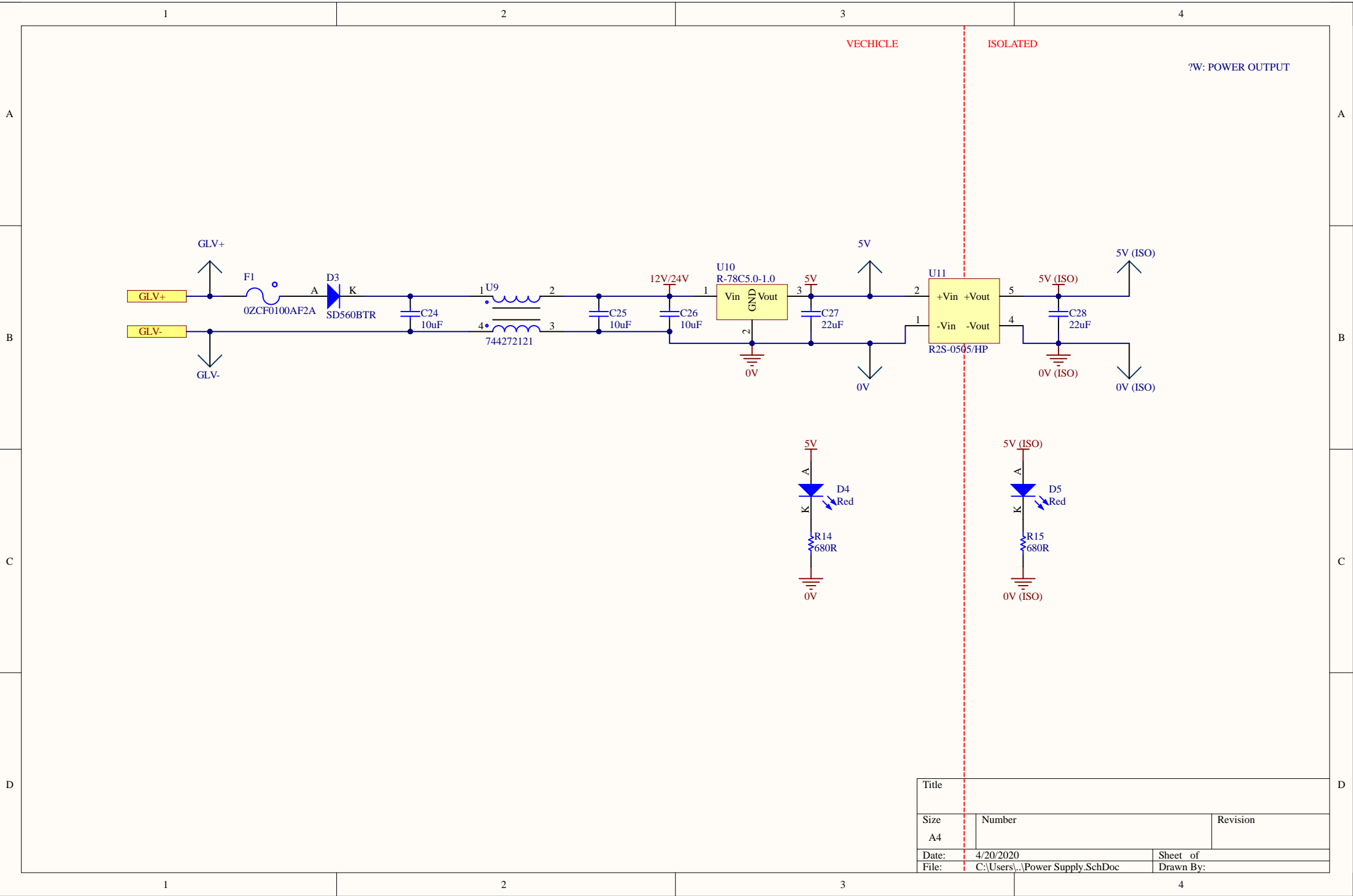
#define LED_BUILTIN PC13
USBSerial usb;

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

void loop()
{
 digitalWrite(LED_BUILTIN, HIGH);
 Serial.println("Serial LED ON");
 usb.println("usb LED ON");
 delay(1000);
 digitalWrite(LED_BUILTIN, LOW);
 Serial.println("Serial LED OFF");
 usb.println("usb LED OFF");
 delay(1000);
}

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





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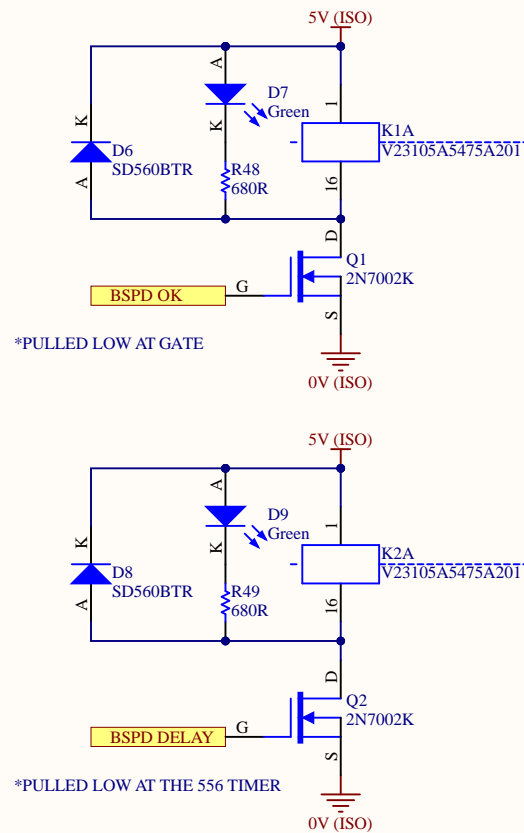
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ISOLATED

VEHICLE

BSPD Bypass
2.54mmBSPD Delay Bypass
2.54mm

Green Loop IN

Green Loop OUT

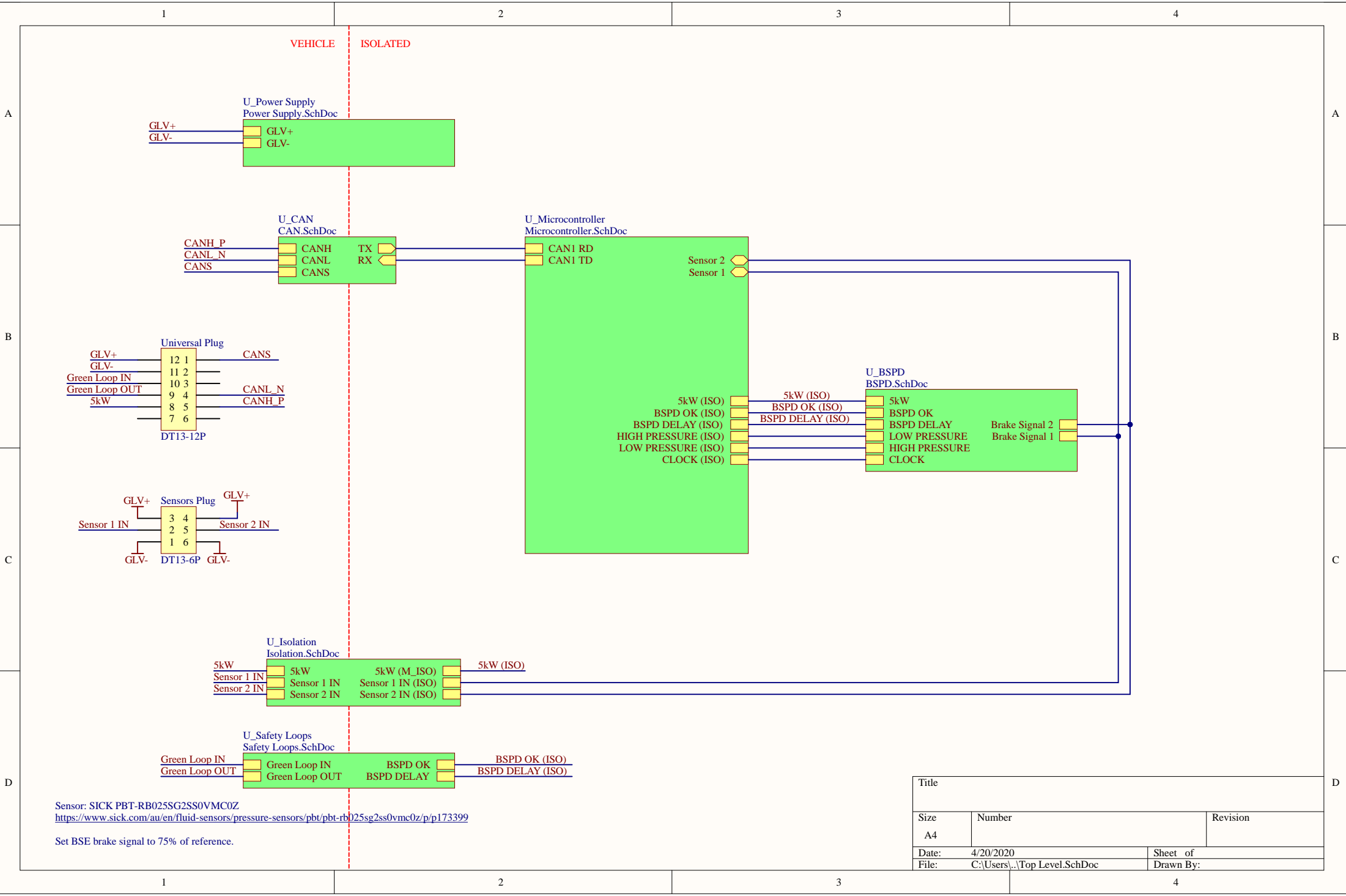
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