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Date:	10/02/2020	Sheet of
File:	C:\Users\...\HV Sense.SchDoc	Drawn By:

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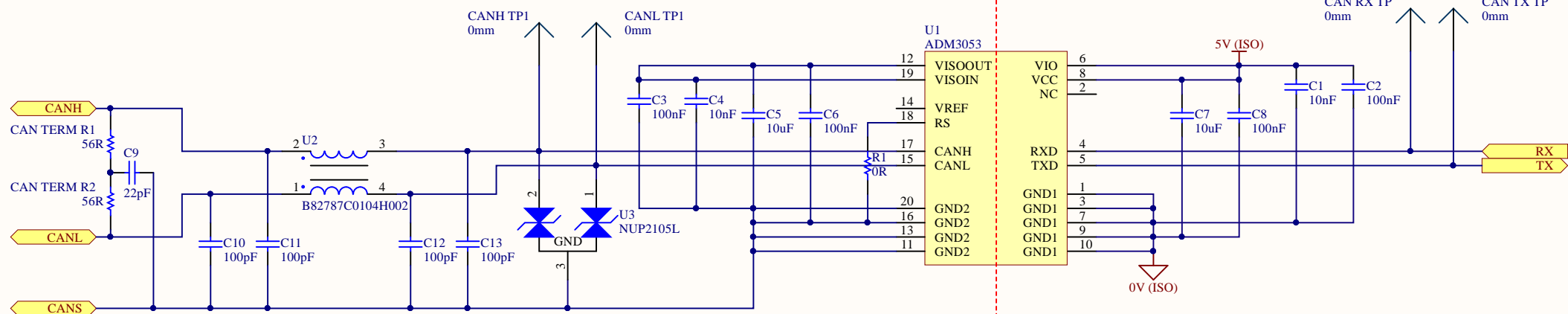
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VEHICLE

ISOLATED
POWER CONSUMPTION
650mW: CAN ISOLATOR



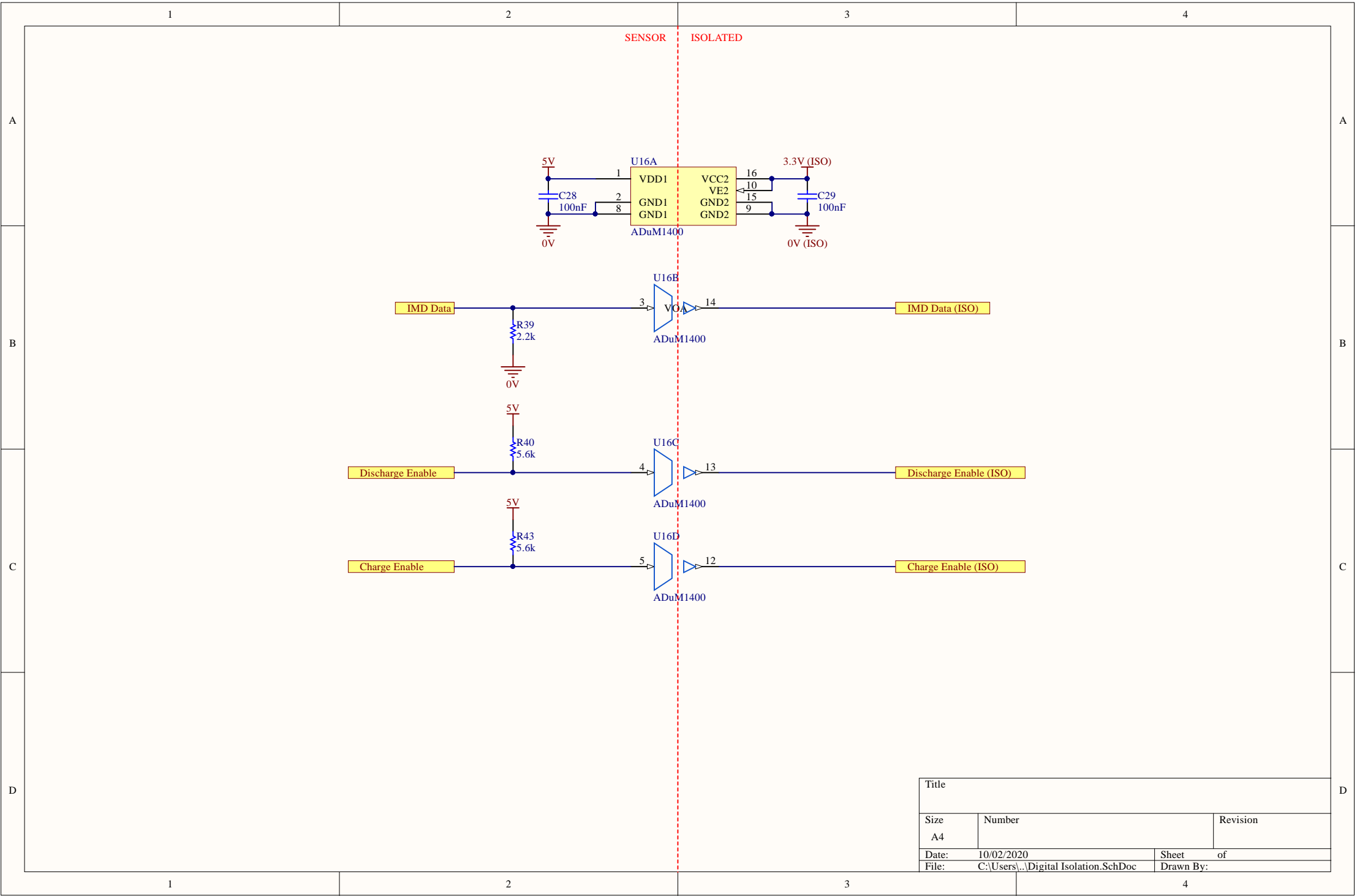
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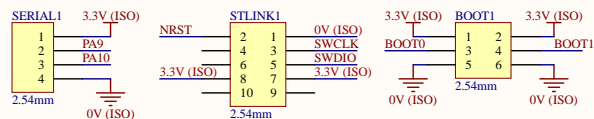
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A



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");

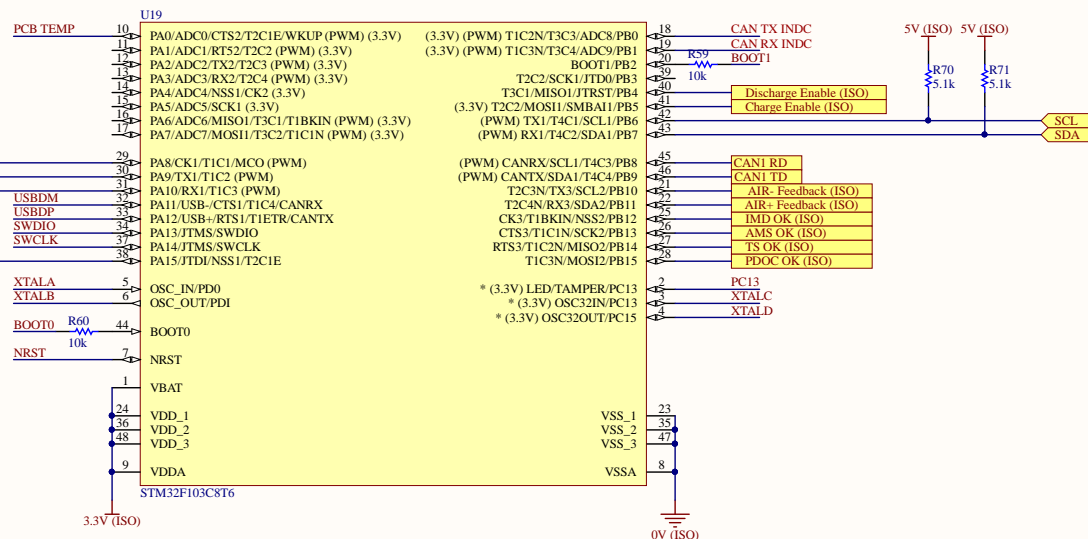
delay(1000);

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

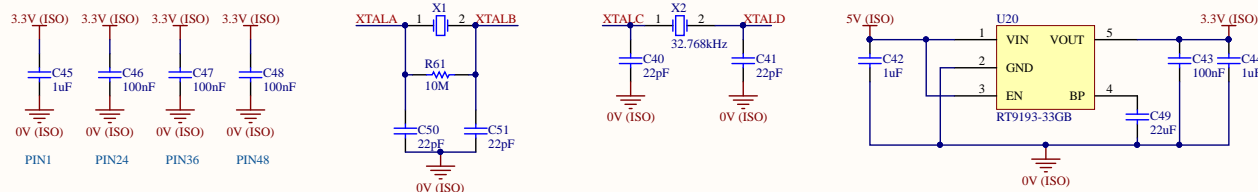
delay(1000);
}

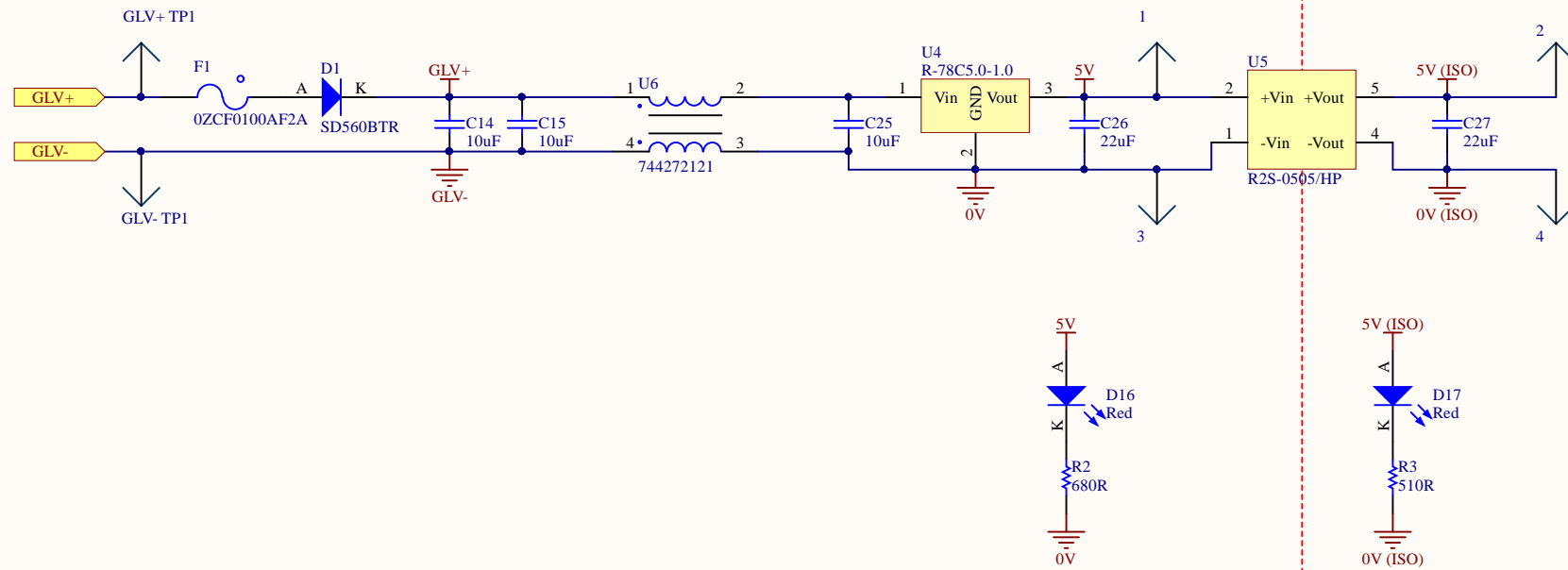
<https://www.shorlnotes.com/2017/06/how-to-use-platformio-to-develop-for.html>
<https://www.onetransistor.eu/2018/09/stm32-bluepill-dev-mbed-platformio-vscode.html>

C



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