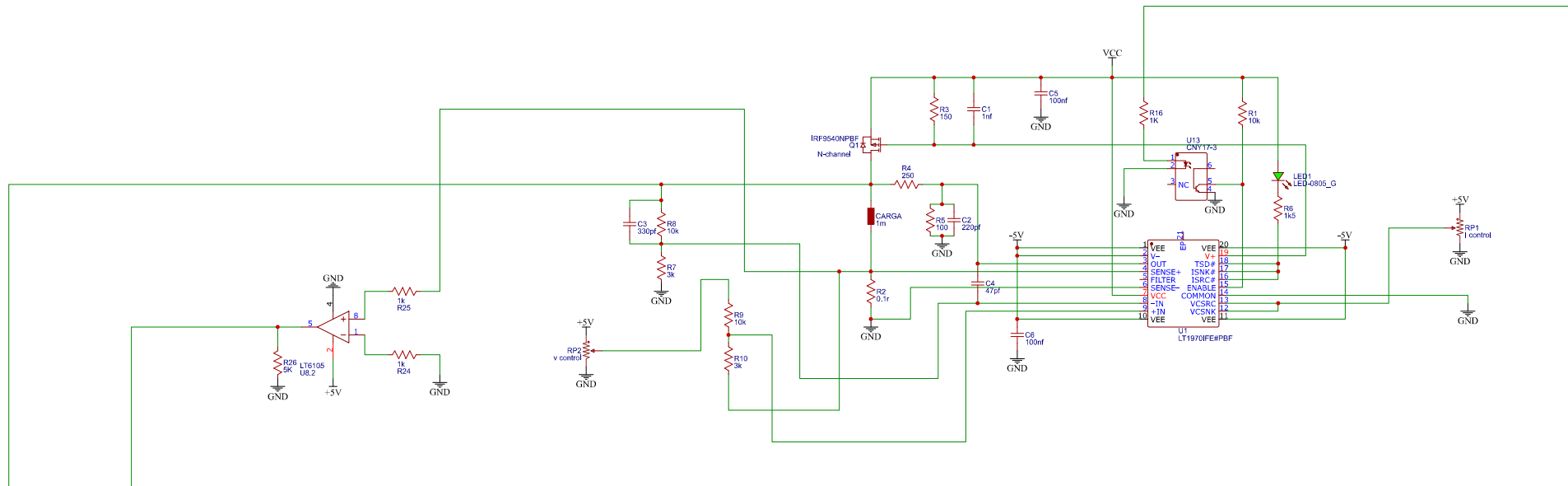
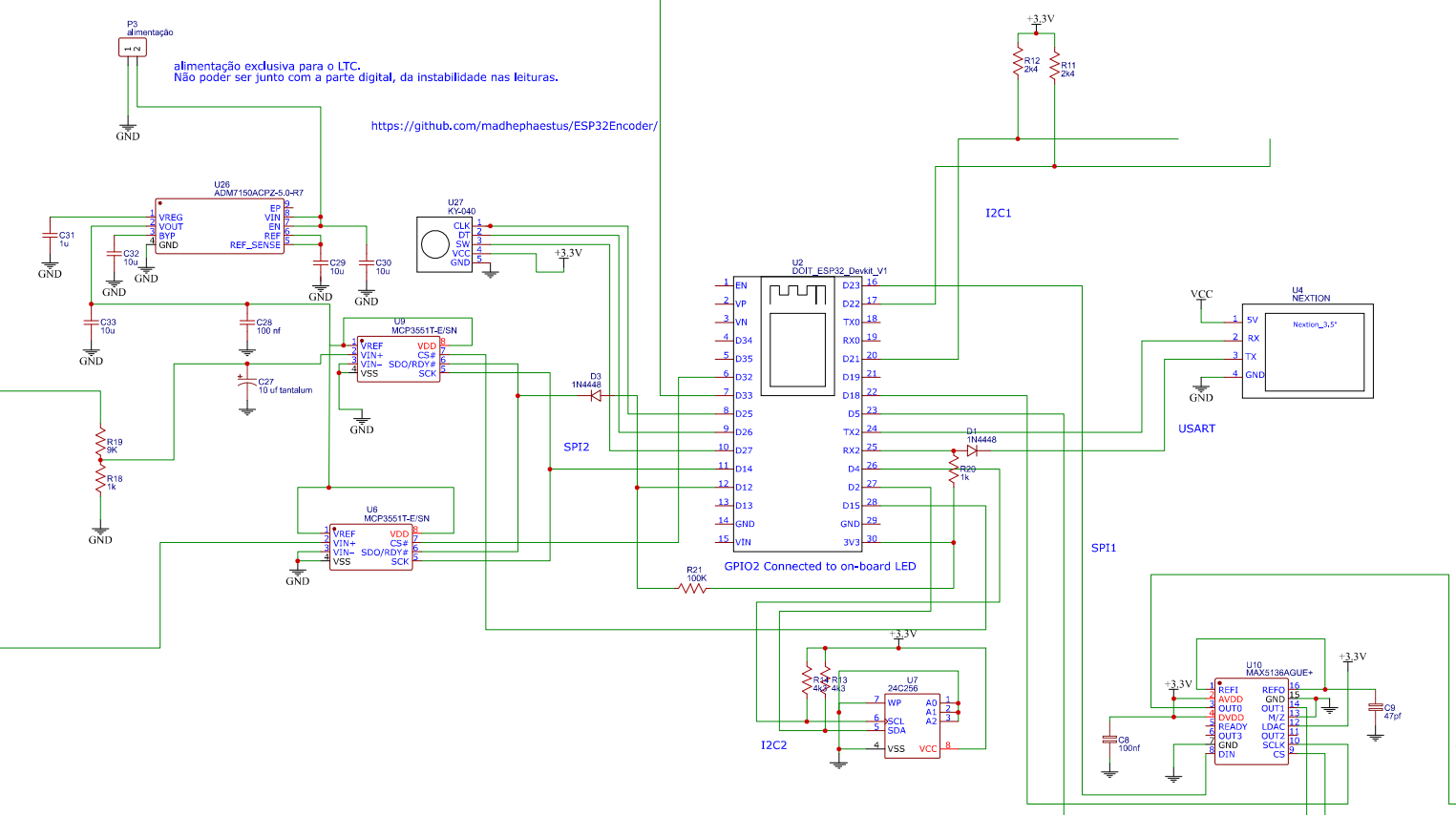


funciona perfeitamente

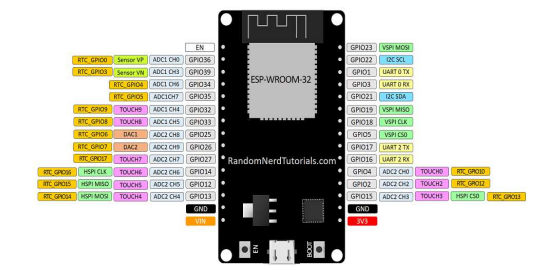


alimentação exclusiva para o LTC.
Não poder ser junto com a parte digital, da instabilidade nas leituras.

<https://github.com/madhephaestus/ESP32Encoder/>



ESP32 DEVKIT V1 - DOIT
version with 30 GPIOs



Pins HIGH at Boot
Some GPIOs change their state to HIGH or output PWM signals at boot or reset. This means that if you have outputs connected to these GPIOs you may get unexpected results when the ESP32 resets or boots.

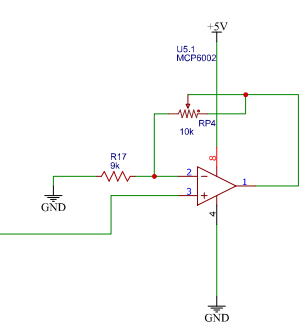
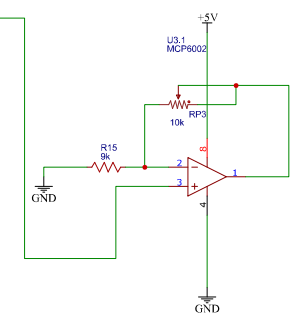
- GPIO 1
- GPIO 3
- GPIO 5
- GPIO 6 to GPIO 11 (connected to the ESP32 integrated SPI flash memory – not recommended to use)
- GPIO 14
- GPIO 15

SPI: MOSI MISO CLK CS
VSPi GPIO 23 GPIO 19 GPIO 18 GPIO 5-----MAX5136
HSPi GPIO 13 GPIO 12 GPIO 14 GPIO 15-----IIC2400

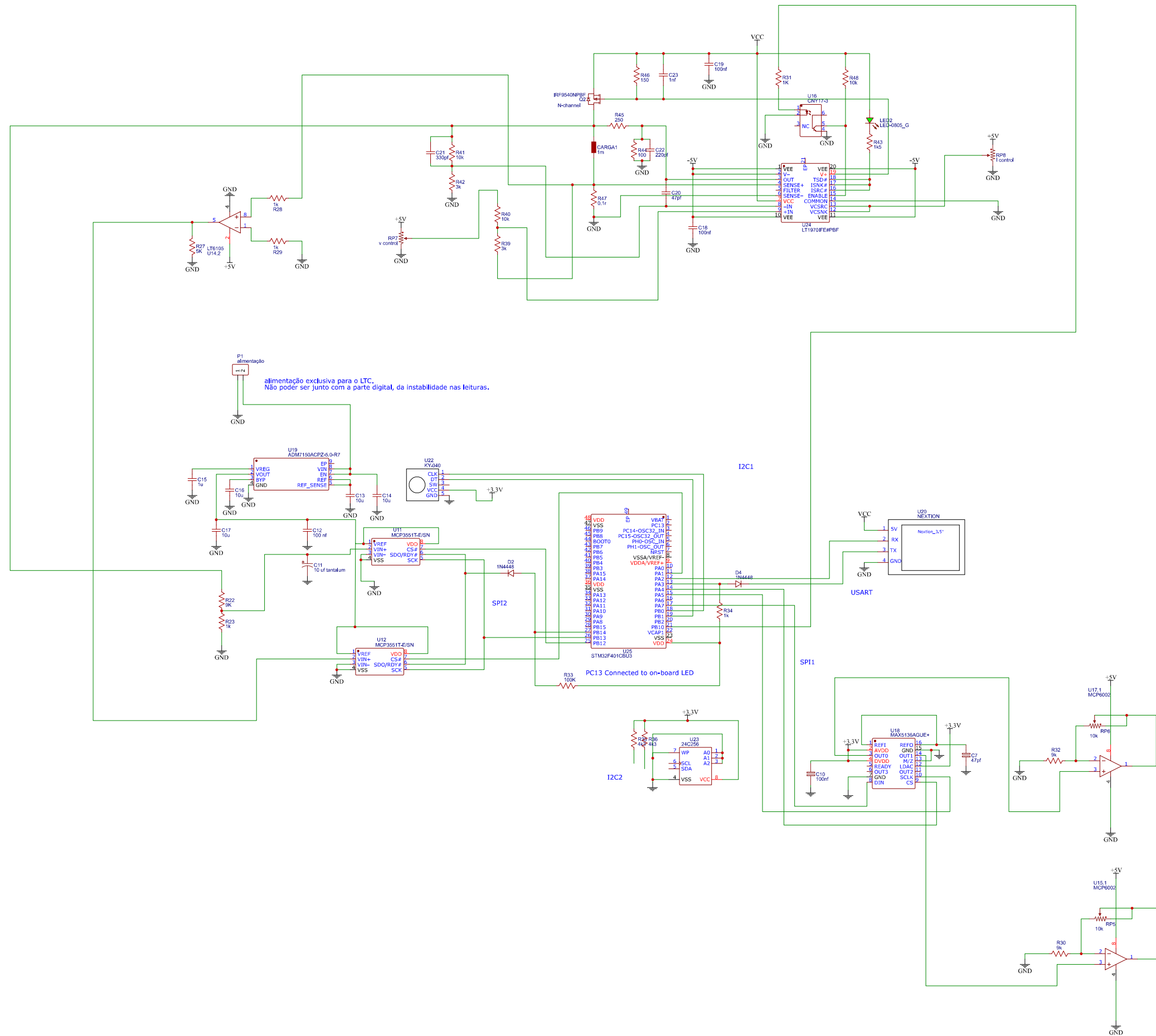
colocar mcp3424 em paralelo com a eeprom não funcionou

I2C
The ESP32 has two I2C channels and any pin can be set as SDA or SCL. When using the ESP32 with the Arduino IDE, the default I2C pins are:
GPIO 21 (SDA)
GPIO 22 (SCL)
If you want to use other pins, when using the wire library, you just need to call:
Wire.begin(SDA, SCL);

o scketch mcp3424_eeprom funcionou por bus i2c1--mcp3424 e i2c2--eeprom 256k



funciona perfeitamente



alimentação exclusiva para o LTC.
Não poder ser junto com a parte digital, da instabilidade nas leituras.

PC13 Connected to on-board LED

Pins HIGH at Boot

Some GPIOs change their state to HIGH or output PWM signals at boot or reset. This means that if you have outputs connected to these GPIOs you may get unexpected results when the ESP32 resets or boots.

- GPIO 1
- GPIO 3
- GPIO 5
- GPIO 6 to GPIO 11 (connected to the ESP32 integrated SPI flash memory – not recommended to use).
- GPIO 14
- GPIO 15