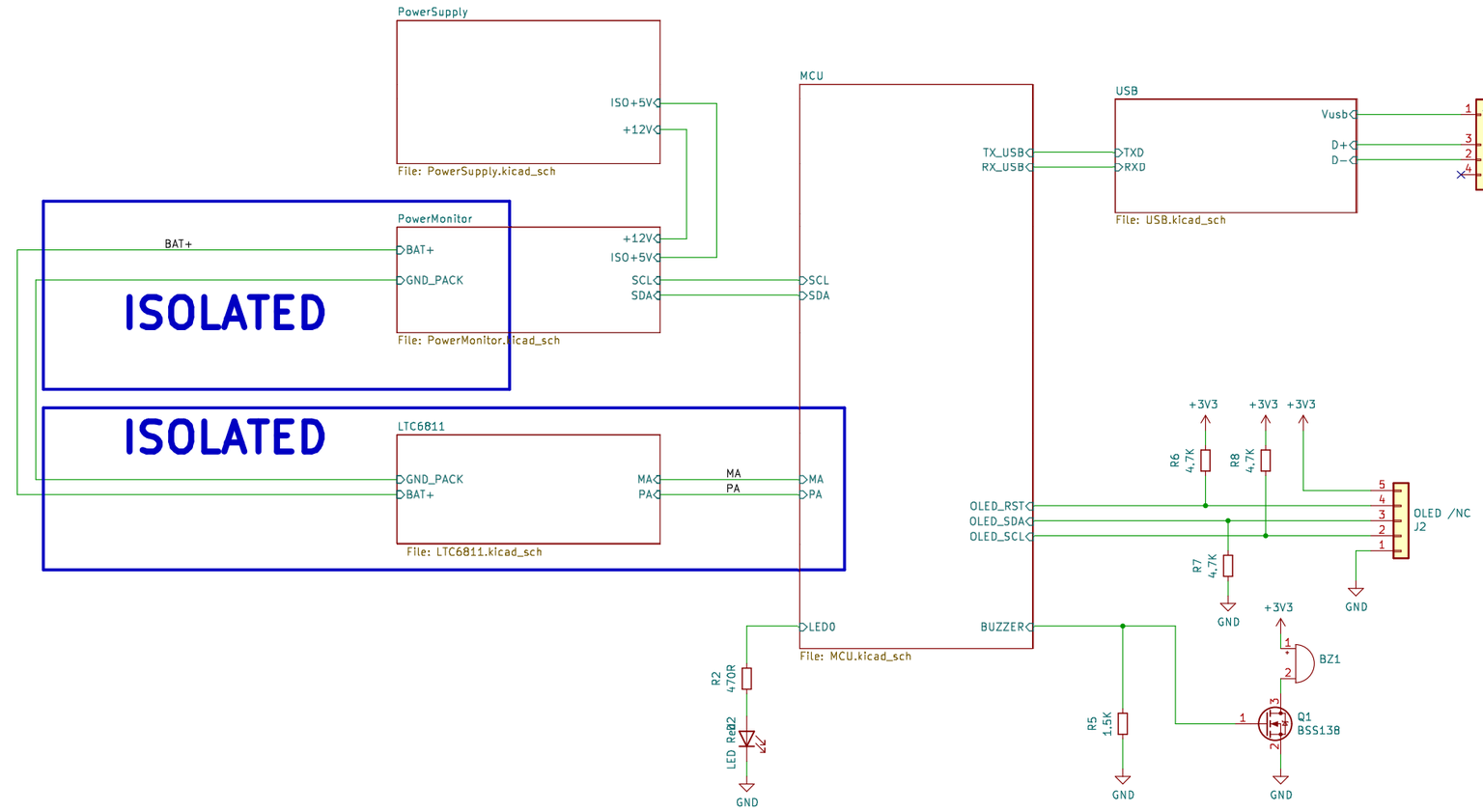

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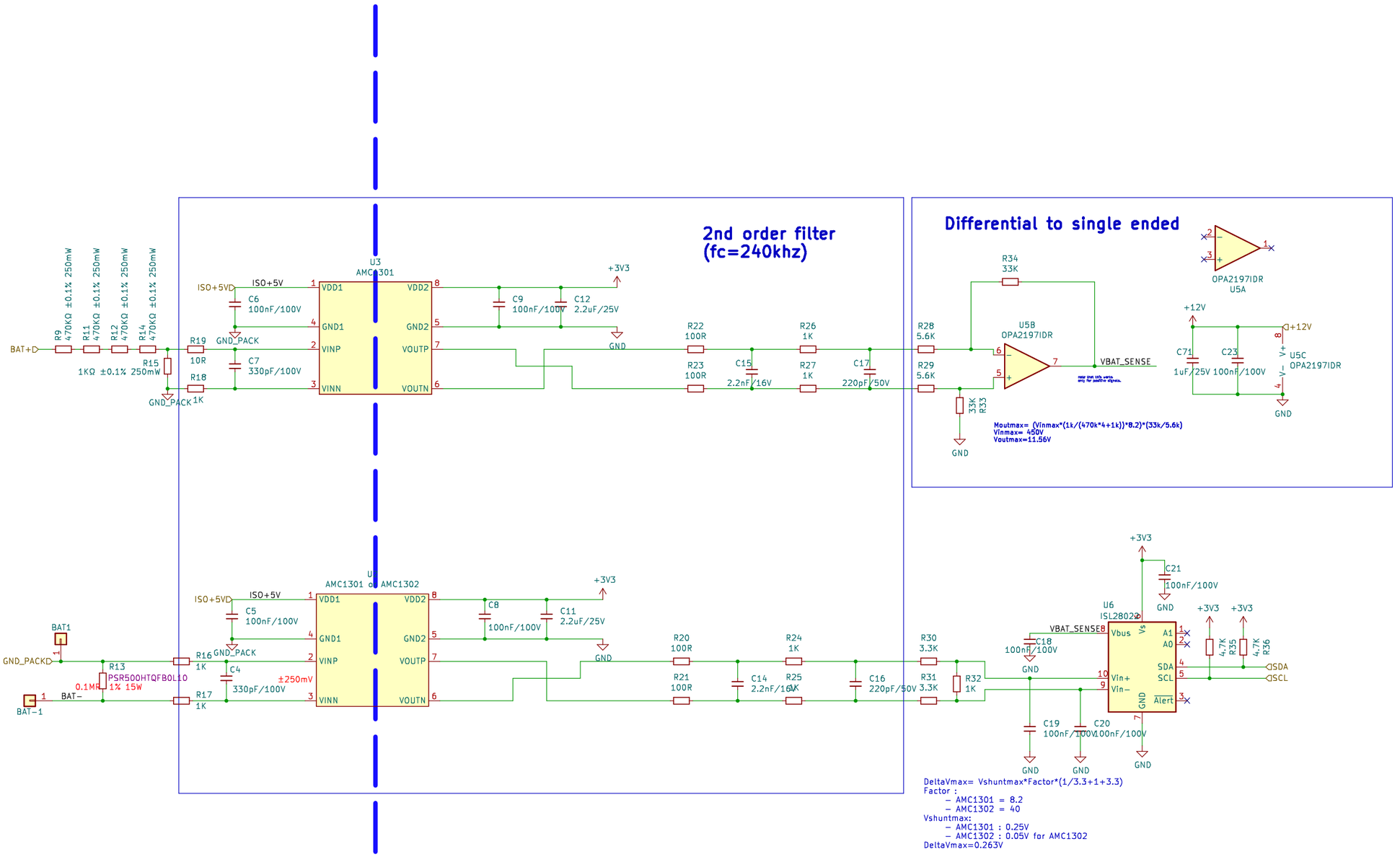
	Rev: V0.1



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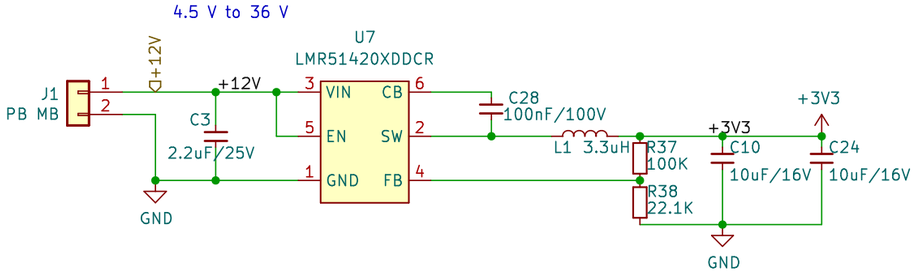

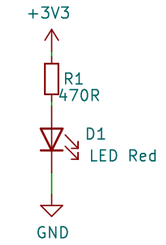

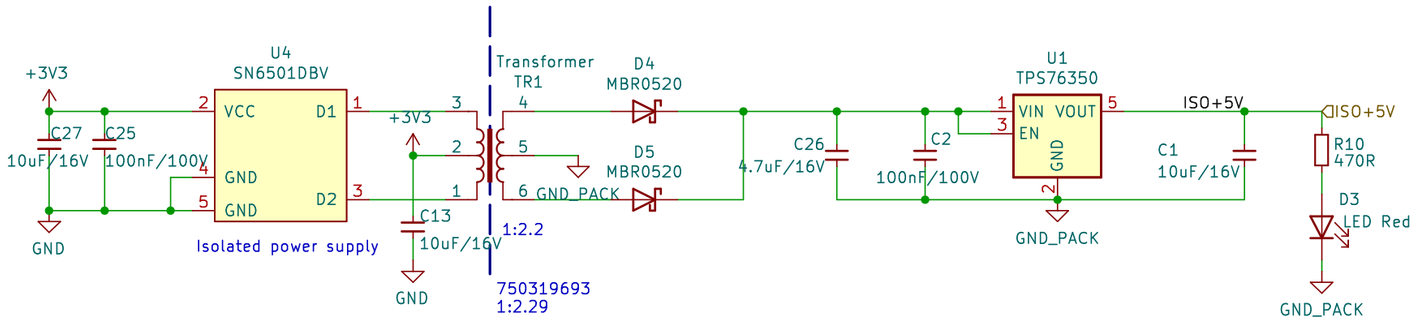

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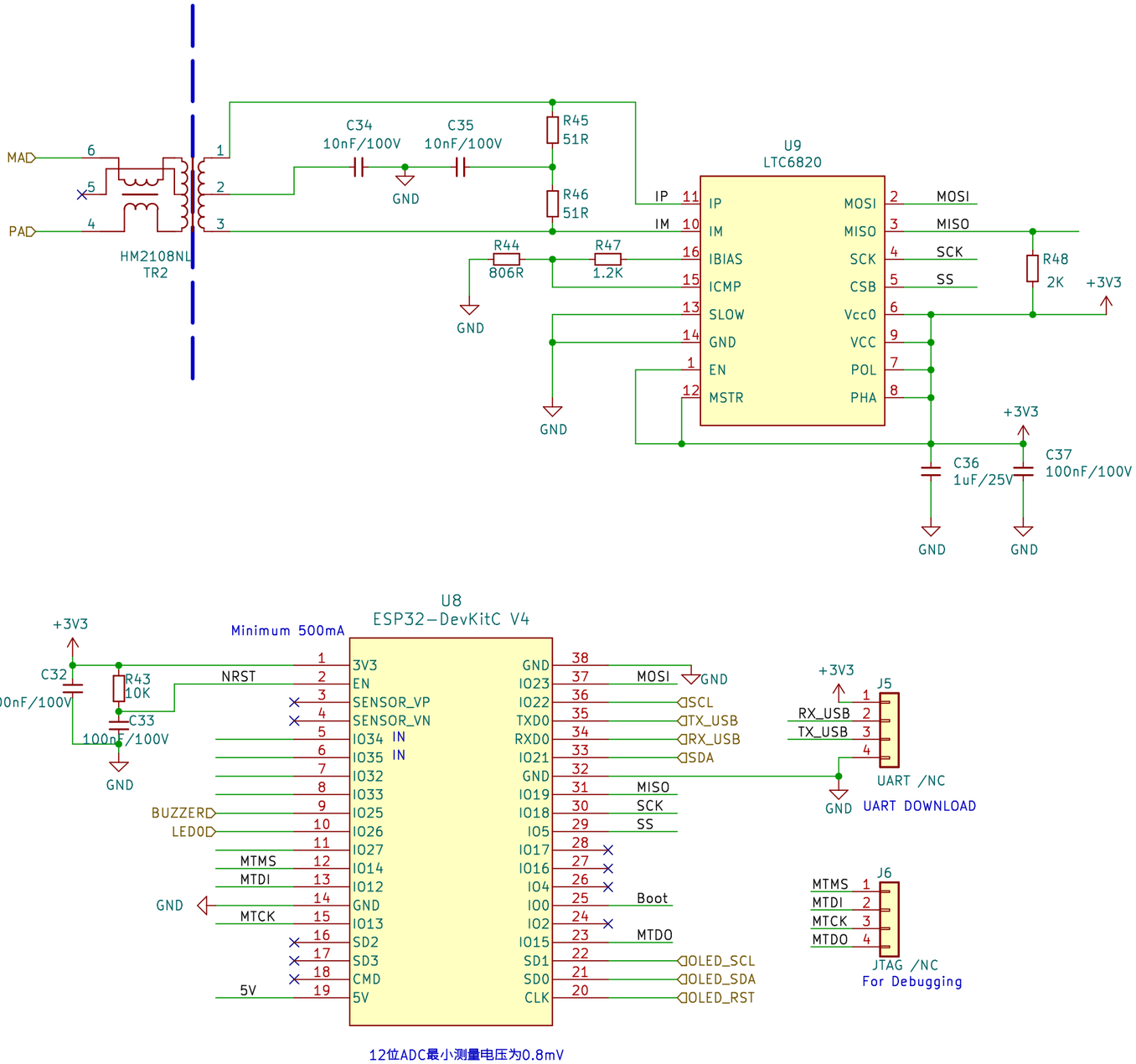
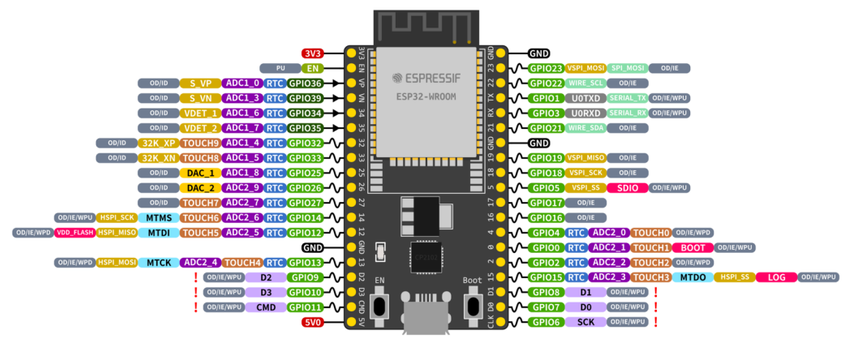


12位ADC最小测量电压为0.8mV



ESP32 Specs

32-bit Xtensa® dual-core @240MHz
Wi-Fi IEEE 802.11 b/g/n 2.4GHz
BLuetooth 4.2 BR/EDR and BLE
520 KB SRAM (16 KB for cache)
448 KB ROM
34 GPIOs, 4x SPI, 3x UART, 2x I2C,
2x I2S, RMT, LED PWM, 1 host SD/eMMC/SDIO,
1 slave SDIO/SPI, TWAI®, 12-bit ADC, Ethernet

PWM Capable Pin
GPIOX GPIO Input Only
GPIOX GPIO Input and Output
DAC_X Digital-to-Analog Converter
DEBUG JTAG for Debugging
FLASH External Flash Memory (SPI)
ADCX_CH Analog-to-Digital Converter
TOUCHX Touch Sensor Input Channel
OTHER Other Related Functions
SERIAL Serial for Debug/Programming
ARDUINO Arduino Related Functions
STRAP Strapping Pin Functions

RTC RTC Power Domain (VDD3P3_RTC)
GND Ground
PWR Power Rails (3V3 and 5V)
! Pin Shared with the Flash Memory
Can't be used as regular GPIO

GPIO STATE
WPU: *Weak Pull-up (Internal)*
WPD: *Weak Pull-down (Internal)*
PU: *Pull-up (External)*
IE: *Input Enable (After Reset)*
ID: *Input Disabled (After Reset)*
OE: *Output Enable (After Reset)*
OD: *Output Disabled (After Reset)*

1 2 3 4

A A

B B

C C

1 2 3 4

teTra

Sheet: /LTC6811/cell5/
File: cell.kicad_sch

Title:

Size: A5	Date: 2023-10-19	**Rev: V0.1**
KiCad E.D.A. kicad 7.0.10-7.0.10~ubuntu20.04.1		Id: 12/18

1 2 3 4

A A

B B

C C

1 2 3 4

teTra

Sheet: /LTC6811/cell8/
File: cell.kicad_sch

Title:

Size: A5	Date: 2023-10-19	**Rev: V0.1**
KiCad E.D.A. kicad 7.0.10-7.0.10~ubuntu20.04.1		Id: 15/18

1	2	3	4
A			A
B			B
C			C
1	2	3	4

teTra

Sheet: /LTC6811/cell10/
File: cell.kicad_sch

Title:

Size: A5	Date: 2023-10-19	**Rev: V0.1**
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