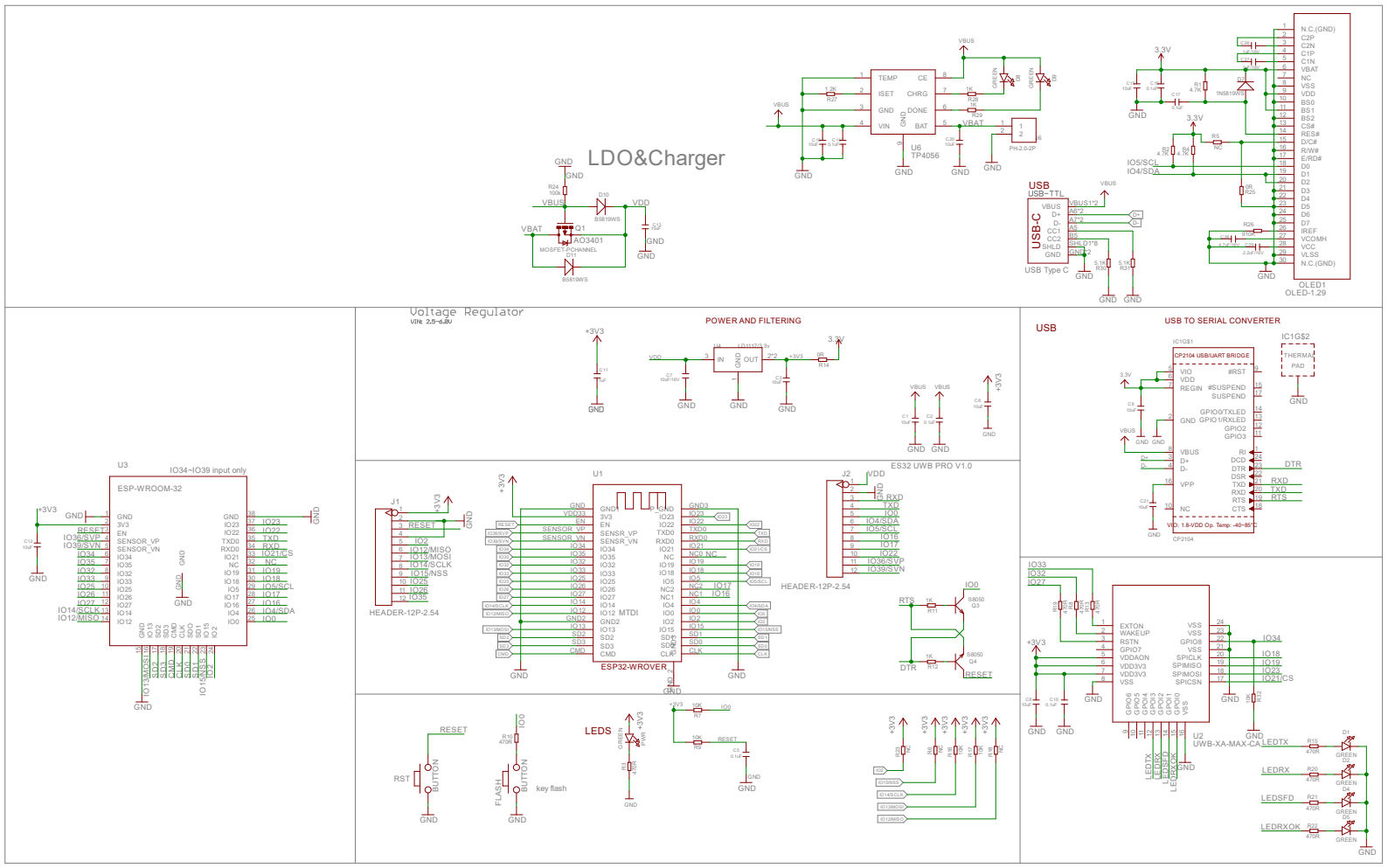
LDO&Charger
U6
TP4056
TEMP
ISET
GND
VIN
CE
CHRG
DONE
BAT
VBAT
VBUS
GND
USB
USB-TTL
USB-C
USB Type C
IO5/SCL
IO4/SDA
OLED1
OLED-1.29
N.C.(GND)
C2P
C2N
C1P
C1N
VBAT
NC
VSS
VDD
BS0
BS1
BS2
CS#
RES#
D/C#
R/W#
E/RD#
D0
D1
D2
D3
D4
D5
D6
D7
IREF
VCOMH
VCC
VLSS
N.C.(GND)
Q1
AO3401
MOSFET-P-CHANNEL
D10
BSB19WS
VDD
Voltage Regulator
POWER AND FILTERING
USB
USB TO SERIAL CONVERTER
CP2104 USB/UART BRIDGE
IC1G$1
IC1G$2
THERMAL PAD
DTR
RXD
TXD
RTS
U3
ESP-WROOM-32
IO34~IO39 input only
J1
HEADER-12P-2.54
U1
ESP32-WROVER
J2
ES32 UWB PRO V1.0
HEADER-12P-2.54
RESET
RST
BUTTON
FLASH
key flash
LEDS
U2
UWB-XA-MAX-CA
LEDTX
LEDRX
LEDSFD
LEDRXOK
GREEN
+3V3
3.3V
VDD
GND