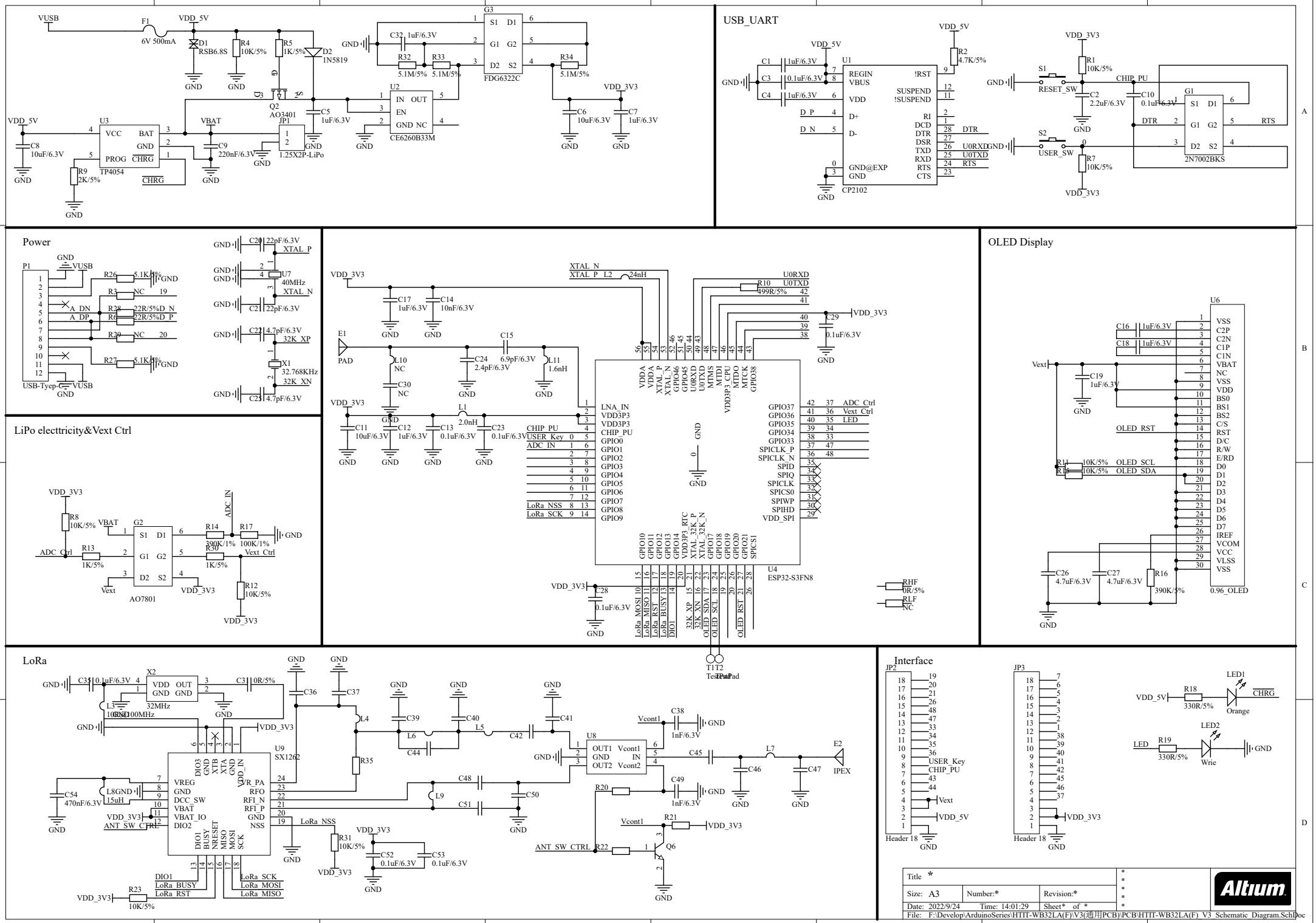

USB_UART
Power
LiPo electtricity&Vext Ctrl
OLED Display
LoRa
Interface
VUSB
VDD_5V
F1
6V 500mA
D1
RSB6.8S
R4
10K/5%
R5
1K/5%
D2
1N5819
G3
FDG6322C
C32 1uF/6.3V
R32
5.1M/5%
R33
5.1M/5%
R34
5.1M/5%
U2
CE6260B33M
Q2
AO3401
C5
1uF/6.3V
C6
10uF/6.3V
C7
1uF/6.3V
VDD_3V3
U3
TP4054
VCC
BAT
GND
PROG
CHRG
VBAT
C8
10uF/6.3V
C9
220nF/6.3V
R9
2K/5%
JP1
1.25X2P-LiPo
U1
CP2102
REGIN
VBUS
VDD
D+
D-
GND@EXP
GND
!RST
SUSPEND
!SUSPEND
RI
DCD
DTR
DSR
TXD
RXD
RTS
CTS
R2
4.7K/5%
S1
RESET_SW
S2
USER_SW
R1
10K/5%
R7
10K/5%
C2
2.2uF/6.3V
C10
0.1uF/6.3V
CHIP_PU
G1
2N7002BKS
U7
40MHz
X1
32.768KHz
P1
USB-Tyep-C
R26
5.1K/5%
R27
5.1K/5%
C20
22pF/6.3V
C21
22pF/6.3V
C22
4.7pF/6.3V
C23
4.7pF/6.3V
XTAL_P
XTAL_N
32K_XP
32K_XN
E1
PAD
L10
NC
C30
NC
C24
2.4pF/6.3V
C15
6.9pF/6.3V
L11
1.6nH
L1
2.0nH
C11
10uF/6.3V
C12
1uF/6.3V
C13
0.1uF/6.3V
C23
0.1uF/6.3V
C17
1uF/6.3V
C14
10nF/6.3V
R10
499R/5%
U4
ESP32-S3FN8
C28
0.1uF/6.3V
C29
0.1uF/6.3V
RHF
0R/5%
RLF
NC
T1T2
TestPad
U6
0.96_OLED
C16
1uF/6.3V
C18
1uF/6.3V
C19
1uF/6.3V
R11
10K/5%
R15
10K/5%
C26
4.7uF/6.3V
C27
4.7uF/6.3V
R16
390K/5%
G2
AO7801
R8
10K/5%
R13
1K/5%
R14
390K/1%
R17
100K/1%
R30
1K/5%
R12
10K/5%
X2
32MHz
L3
10uH
C35
0.1uF/6.3V
C31
0R/5%
U9
SX1262
C54
470nF/6.3V
L8
15uH
R23
10K/5%
R31
10K/5%
C52
0.1uF/6.3V
C53
0.1uF/6.3V
U8
C38
1nF/6.3V
C49
1nF/6.3V
C45
C46
C47
L7
E2
IPEX
R20
R21
R22
Q6
JP2
Header 18
JP3
Header 18
LED1
Orange
LED2
Wrie
R18
330R/5%
R19
330R/5%
Title *
Size: A3
Number:*
Revision:*
Date: 2022/9/24
Time: 14:01:29
Sheet* of *
File: F:\Develop\ArduinoSeries\HTIT-WB32LA(F)\V3(通用PCB)\PCB\HTIT-WB32LA(F)_V3_Schematic_Diagram.SchDoc
Altium