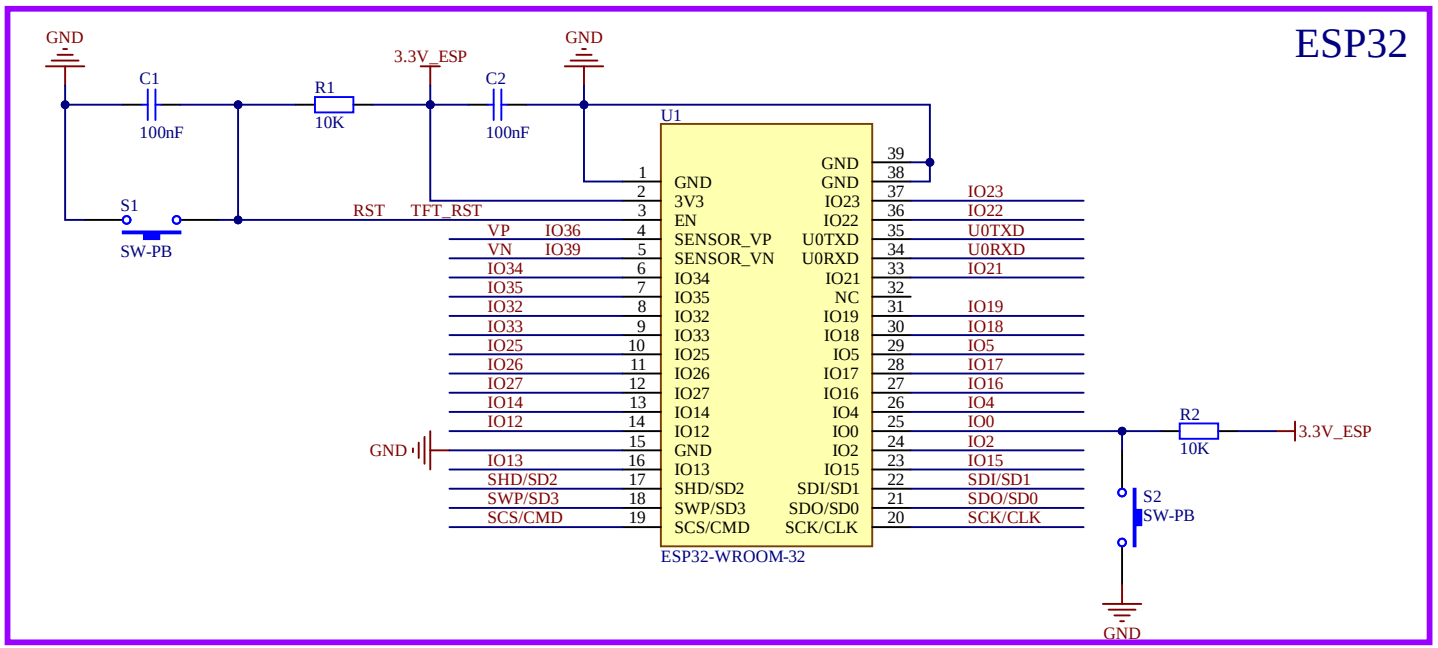

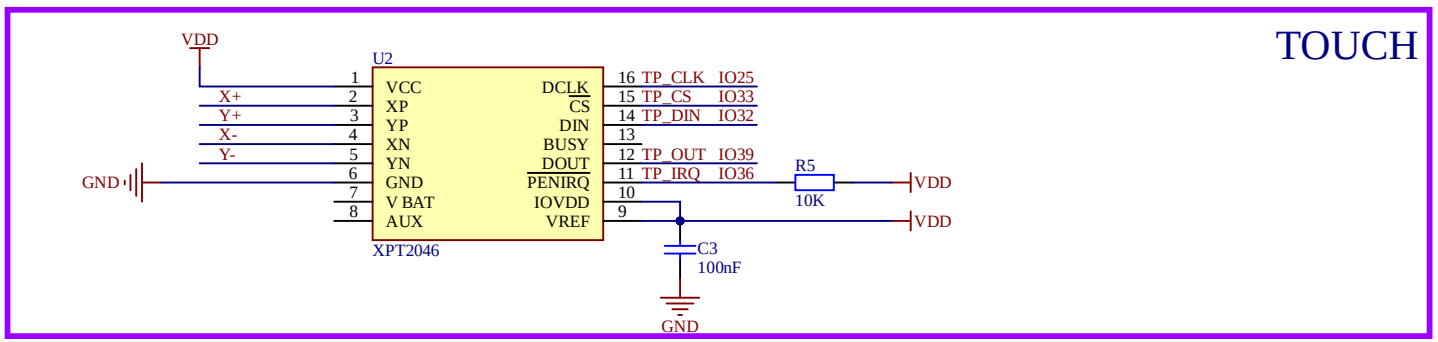

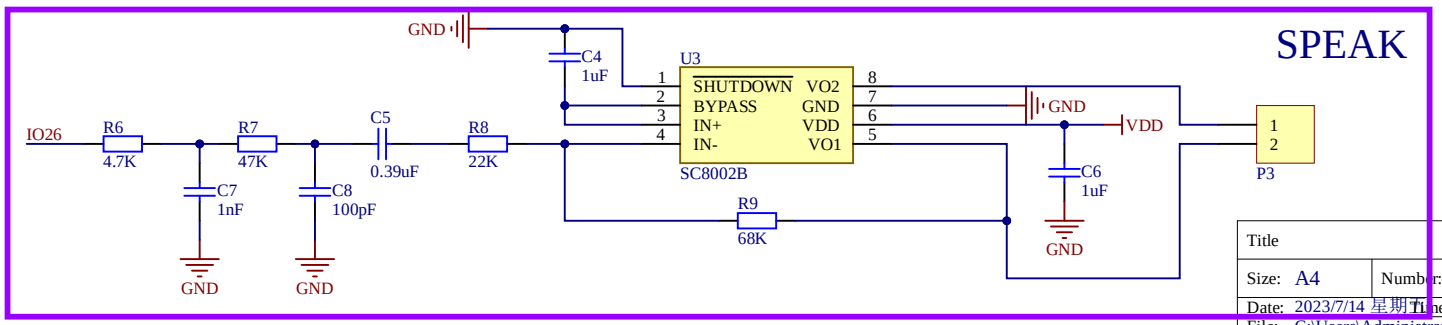

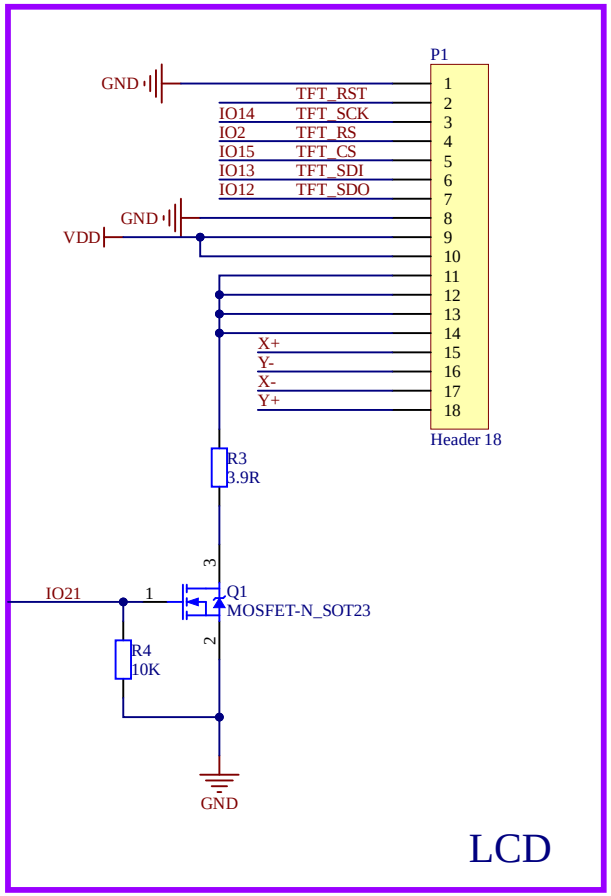

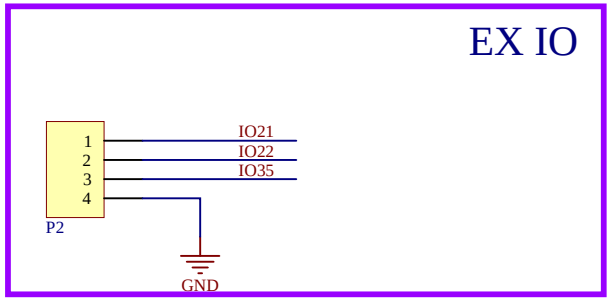

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File: C:\Users\Administrator\Desktop\ESP32_CREEN\ESP32-SCREEN.SchDoc			

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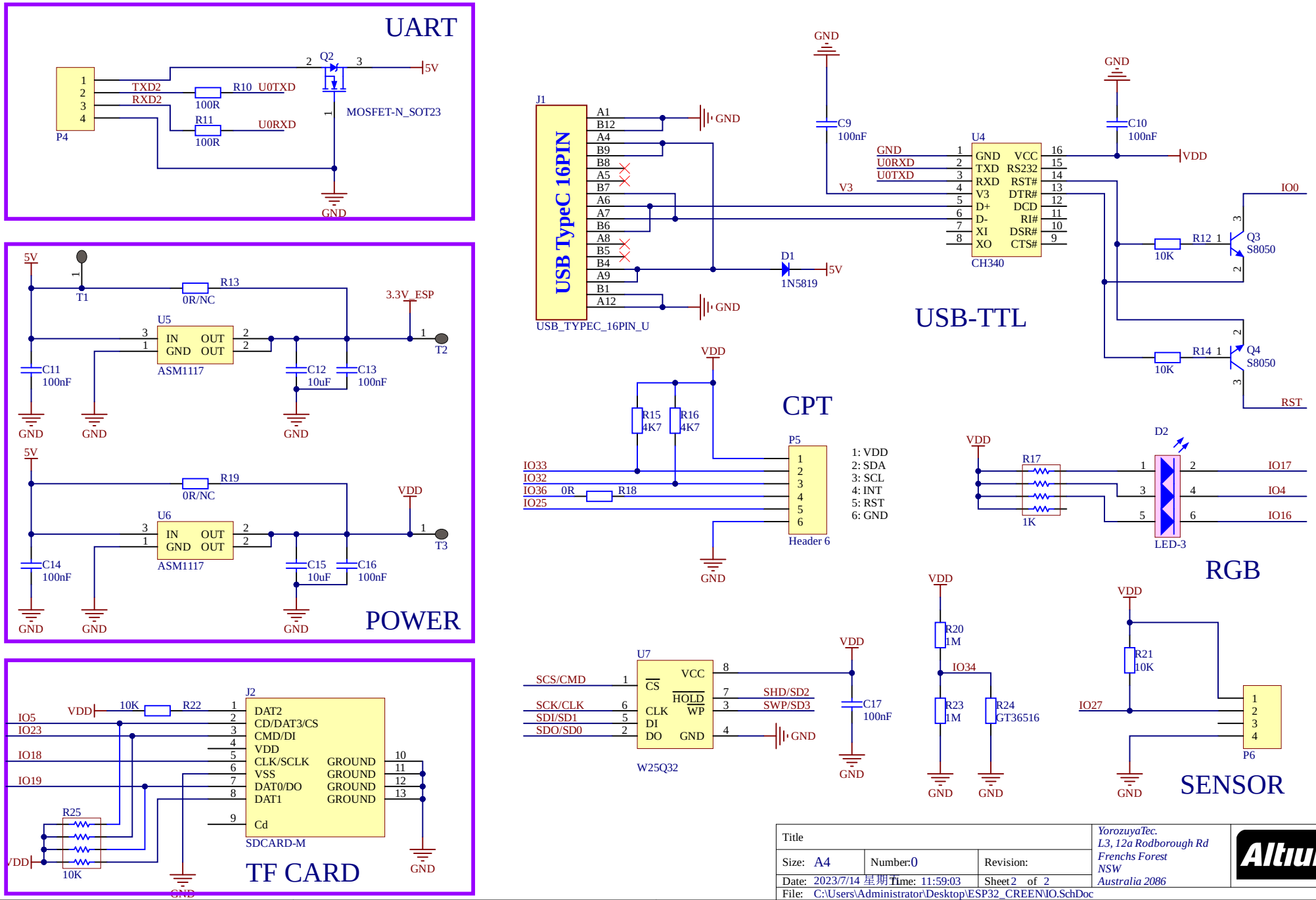
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P4
TXD2
RXD2
R10 U0TXD
100R
R11
100R
U0RXD
Q2
MOSFET-N_SOT23
5V
GND
POWER
T1
R13
0R/NC
3.3V_ESP
U5
IN OUT
GND OUT
ASM1117
C11 100nF
C12 10uF
C13 100nF
T2
R19
0R/NC
VDD
U6
ASM1117
C14 100nF
C15 10uF
C16 100nF
T3
TF CARD
J2
DAT2
CD/DAT3/CS
CMD/DI
VDD
CLK/SCLK
VSS
DAT0/DO
DAT1
Cd
GROUND
SDCARD-M
R22 10K
R25 10K
IO5
IO23
IO18
IO19
USB-TTL
J1
USB TypeC 16PIN
USB_TYPEC_16PIN_U
C9 100nF
C10 100nF
U4
CH340
GND
U0RXD
U0TXD
V3
D+
D-
XI
XO
VCC
RS232
RST#
DTR#
DCD
RI#
DSR#
CTS#
VDD
D1
1N5819
R12 10K
Q3 S8050
R14 10K
Q4 S8050
IO0
RST
CPT
R15 4K7
R16 4K7
R18 0R
P5
Header 6
1: VDD
2: SDA
3: SCL
4: INT
5: RST
6: GND
IO33
IO32
IO36
IO25
RGB
D2
LED-3
R17 1K
IO17
IO4
IO16
SENSOR
R20 1M
R21 10K
R23 1M
R24 GT36516
IO34
IO27
P6
U7
W25Q32
SCS/CMD
SCK/CLK
SDI/SD1
SDO/SD0
SHD/SD2
SWP/SD3
C17 100nF
Title
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Sheet 2 of 2
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