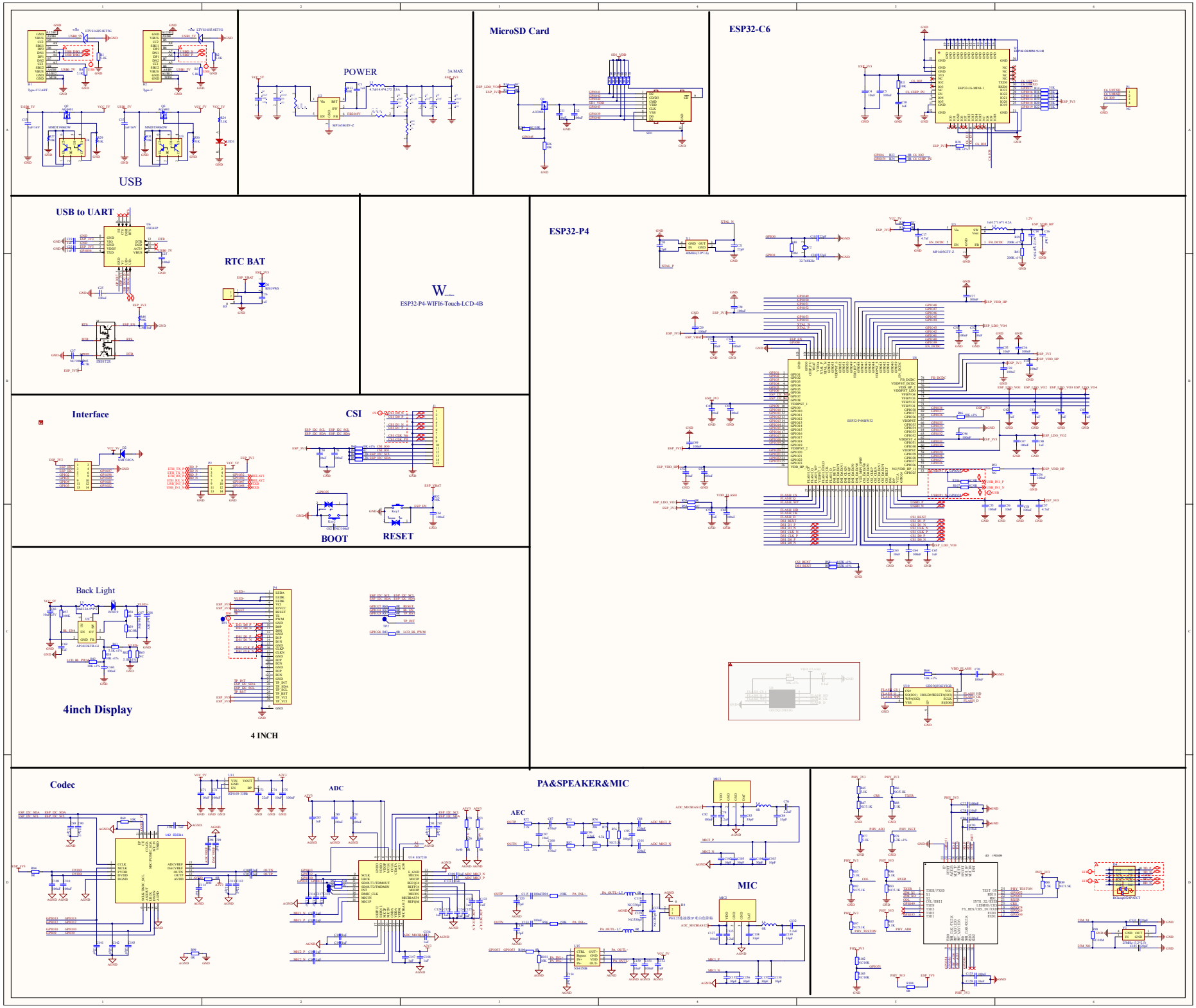
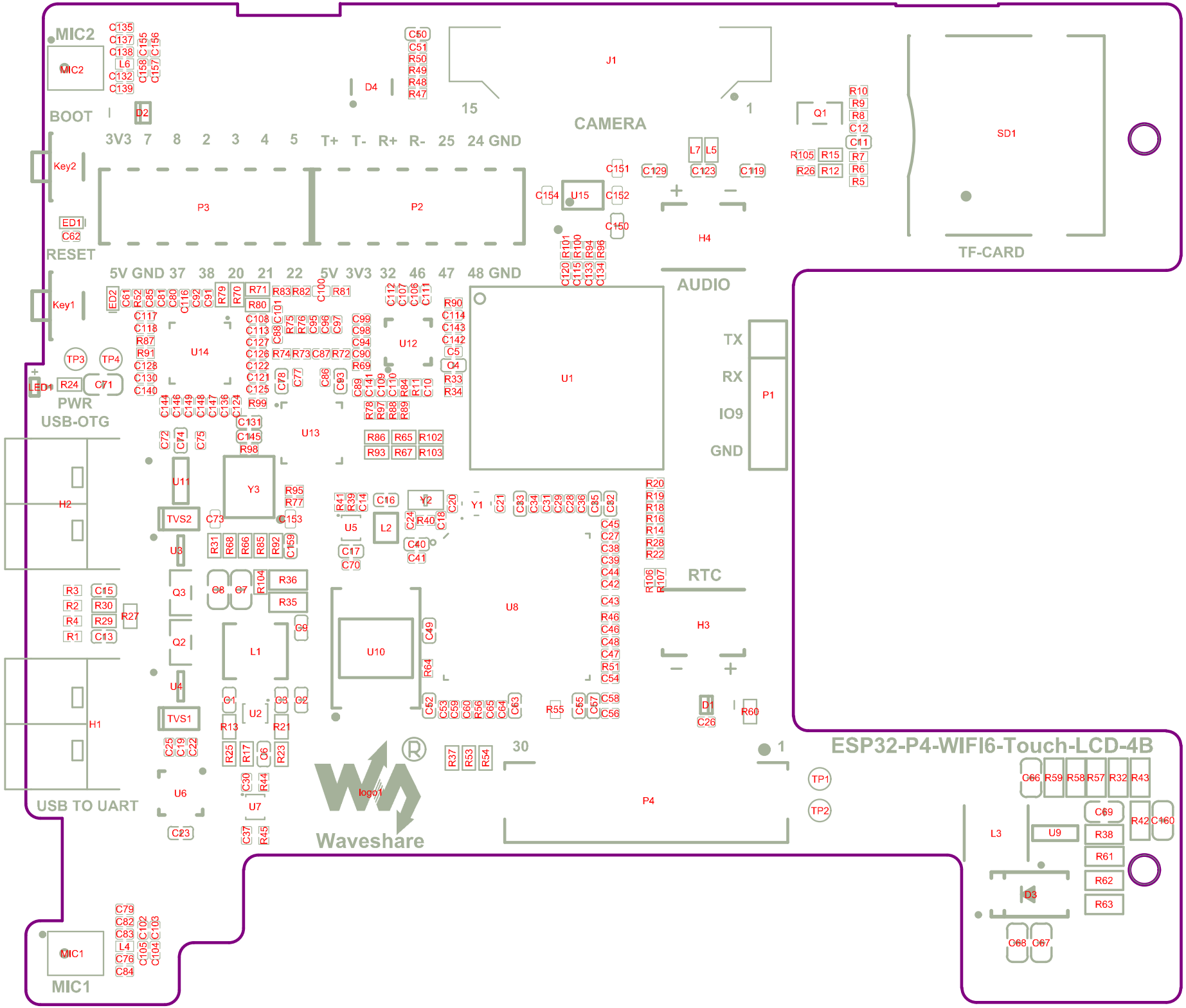

USB
POWER
MicroSD Card
ESP32-C6
USB to UART
RTC BAT
ESP32-P4-WIFI6-Touch-LCD-4B
ESP32-P4
Interface
CSI
BOOT
RESET
Back Light
4inch Display
4 INCH
Codec
ADC
PA&SPEAKER&MIC
AEC
MIC


MIC2
BOOT
Key2
RESET
Key1
PWR
USB-OTG
USB TO UART
MIC1
CAMERA
AUDIO
TF-CARD
RTC
TX
RX
IO9
GND
3V3 7 8 2 3 4 5 T+ T- R+ R- 25 24 GND
5V GND 37 38 20 21 22 5V 3V3 32 46 47 48 GND
Waveshare
ESP32-P4-WIFI6-Touch-LCD-4B