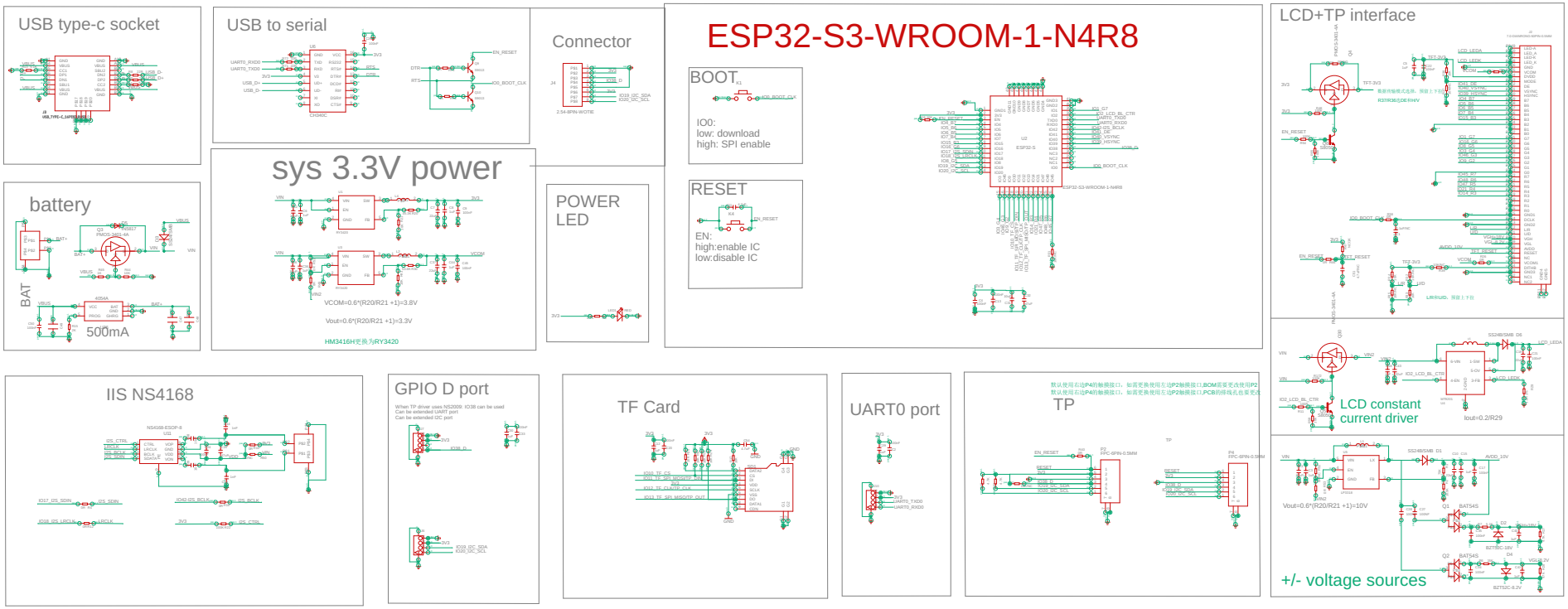
USB type-c socket
USB to serial
Connector
ESP32-S3-WROOM-1-N4R8
BOOT
IO0:
low: download
high: SPI enable
RESET
EN:
high:enable IC
low:disable IC
LCD+TP interface
sys 3.3V power
VCOM=0.6*(R20/R21 +1)=3.8V
Vout=0.6*(R20/R21 +1)=3.3V
HM3416H更换为RY3420
POWER LED
battery
BAT
500mA
IIS NS4168
GPIO D port
TF Card
UART0 port
TP
LCD constant current driver
Iout=0.2/R29
Vout=0.6*(R20/R21 +1)=10V
+/- voltage sources