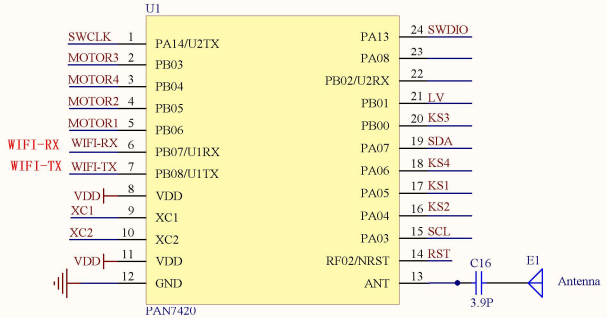
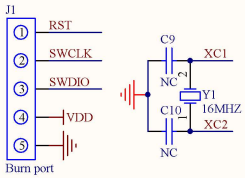
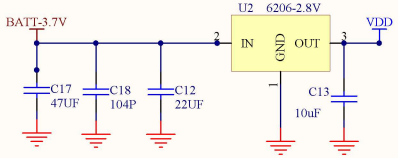
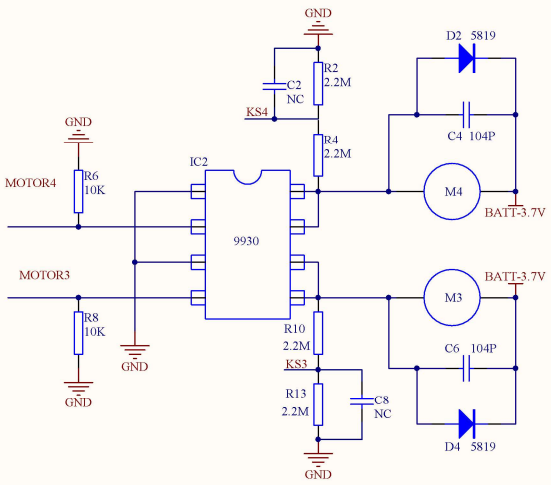
schematic diagram

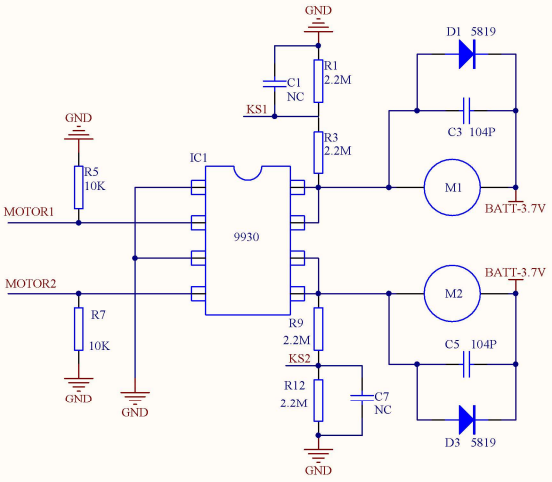


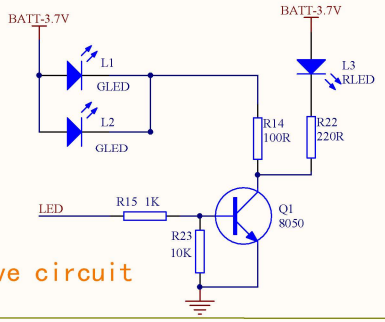




Motor drive circuit

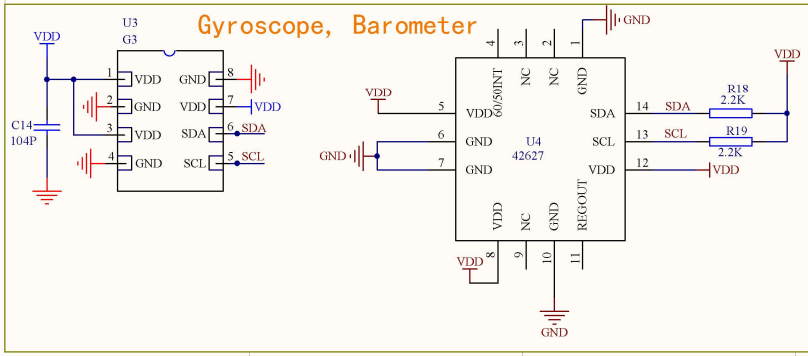




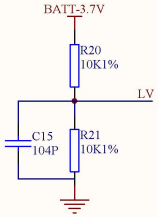


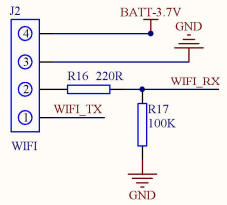
light drive circuit

Gyroscope, Barometer



Low voltage circuit

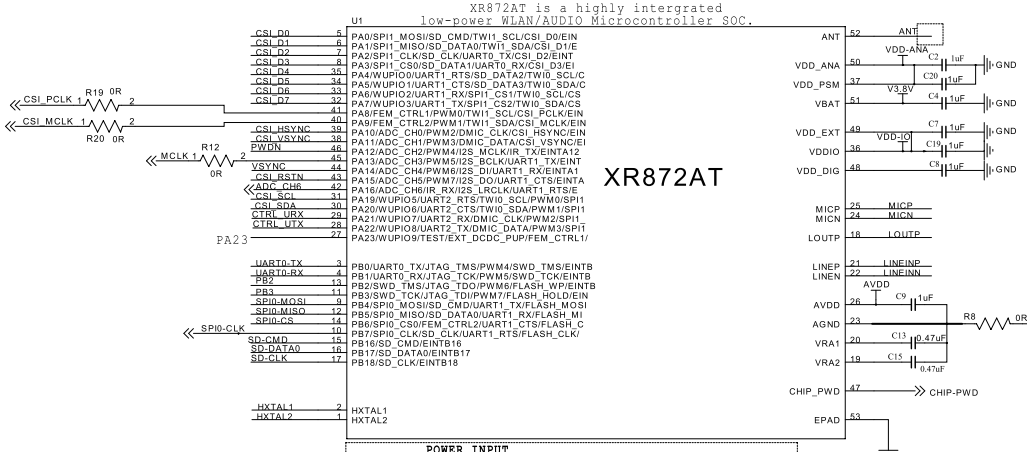




WIFI

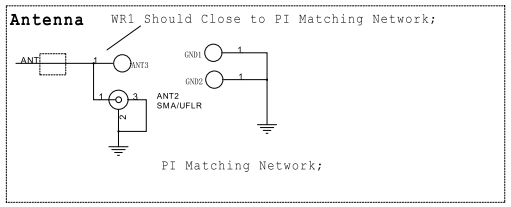
WIFI&MCU

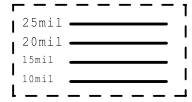
XR872AT is a highly intergrated low-power WLAN/AUDIO Microcontroller SOC.

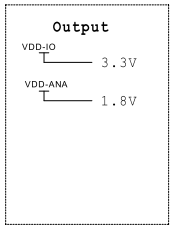


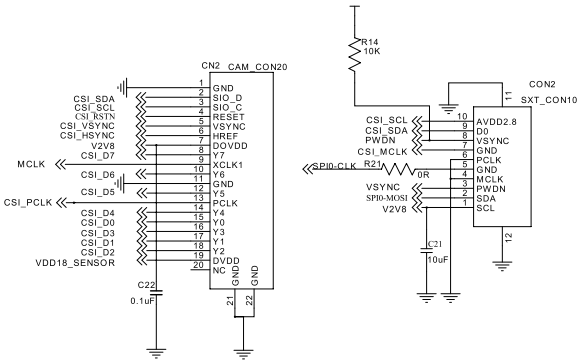
POWER INPUT

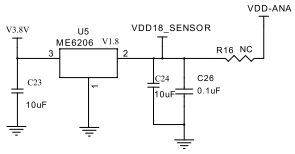
VCC-BAT: 1.8V-5.5V 600mA
VDD-ANA: Supply PSRAM, 1.8v
VDD-IO : Supply Peripheral, 1.8V/3.3V.
3.3V supplied by VDD-EXT(Imax=200mA@3.3V),
1.8V supplied by VDD-ANA(Imax=300mA@1.8V).



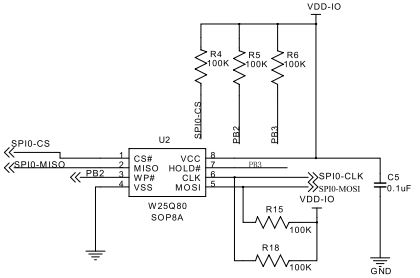




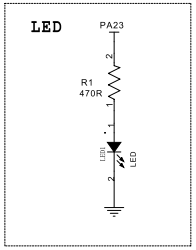




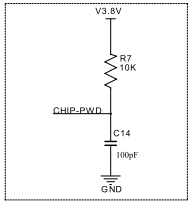
FLASH



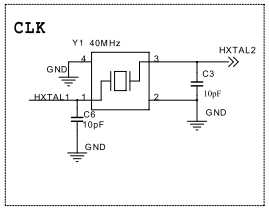
LED

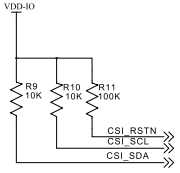


CHIP-RESET

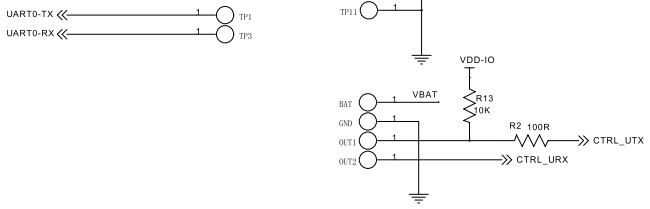


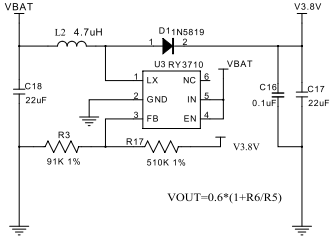
CLK



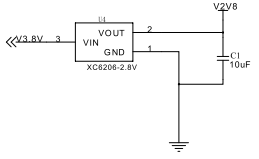


flash download test





CSI POWER



S1 MARK
S2 MARK