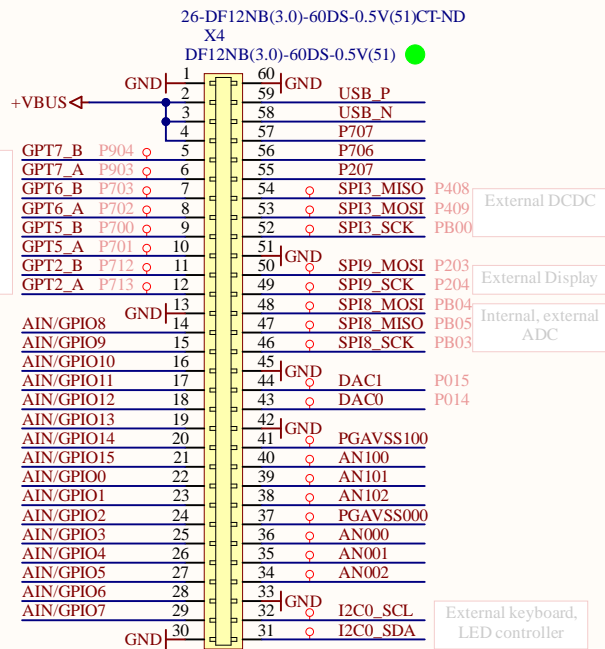
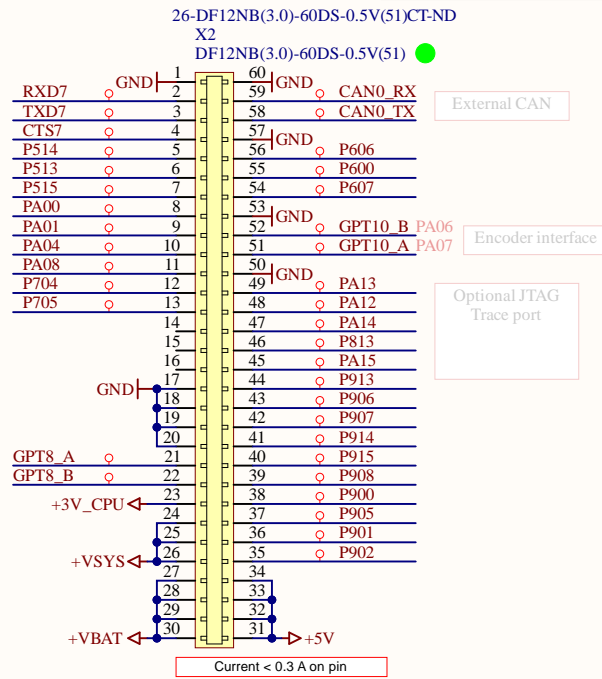
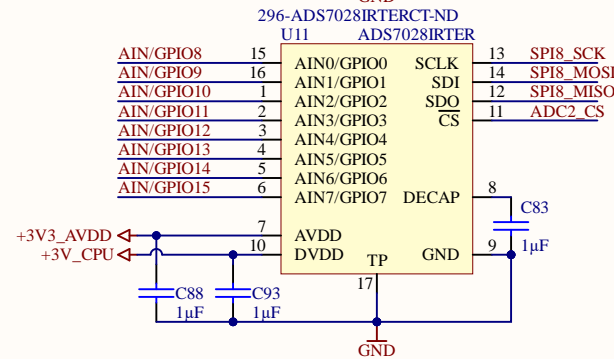
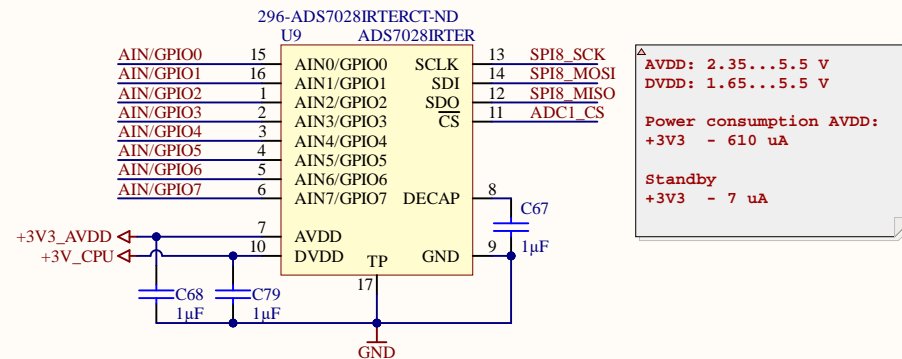
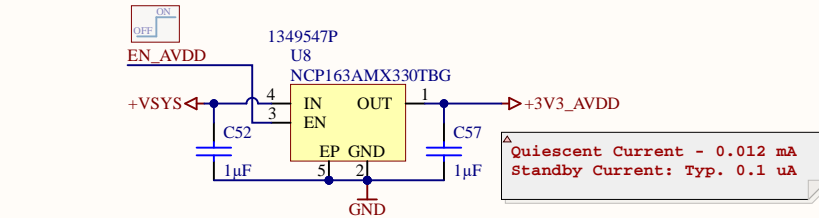


System interface

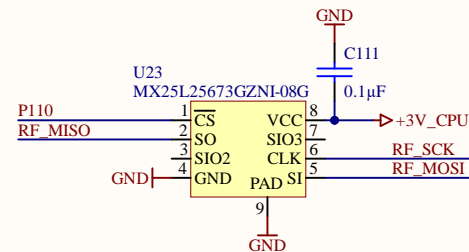
81 IO pins
Among them:
22 Analog inputs (6 synchronous)
2 Analog outputs
12 PWM



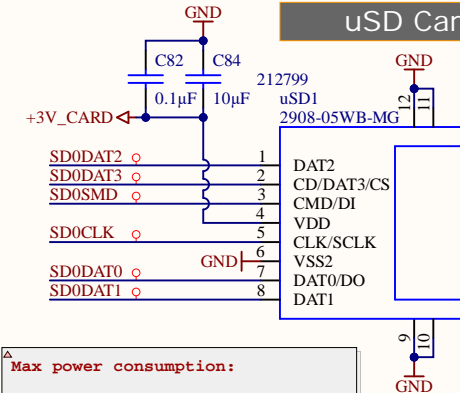
16-ch ADC



256 Mbit SPI Flash



uSD Card holder

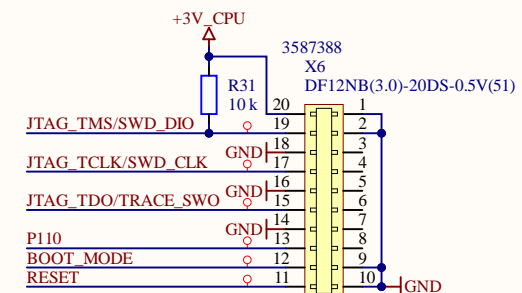


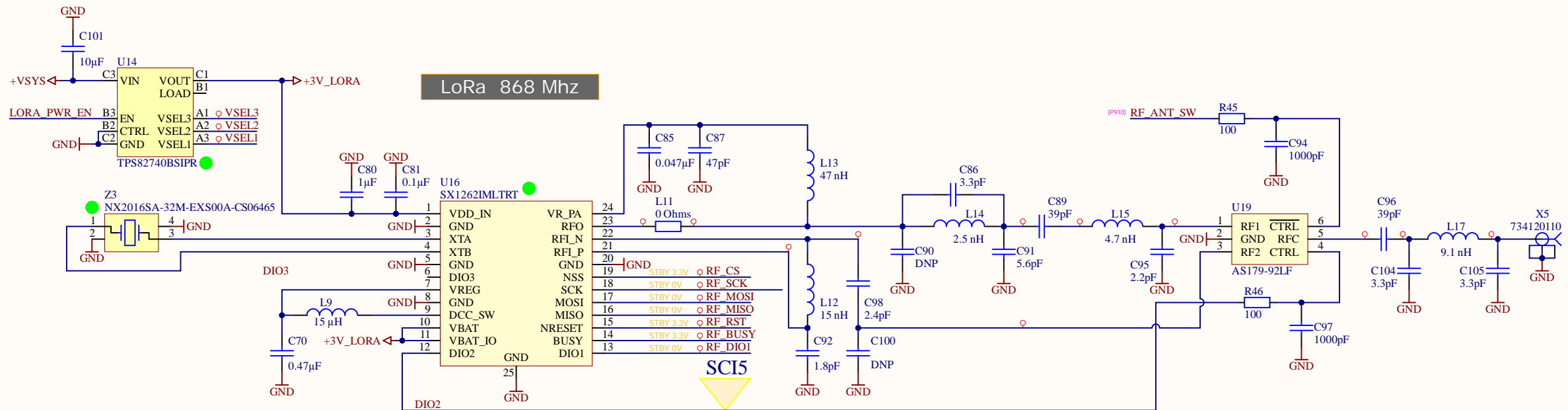
Max power consumption:

Active write
+3V3 - 24 mA

Standby
+3V3 - 0.36 mA

JTAG/SWD debug interface





Wi-Fi module

Max power consumption:

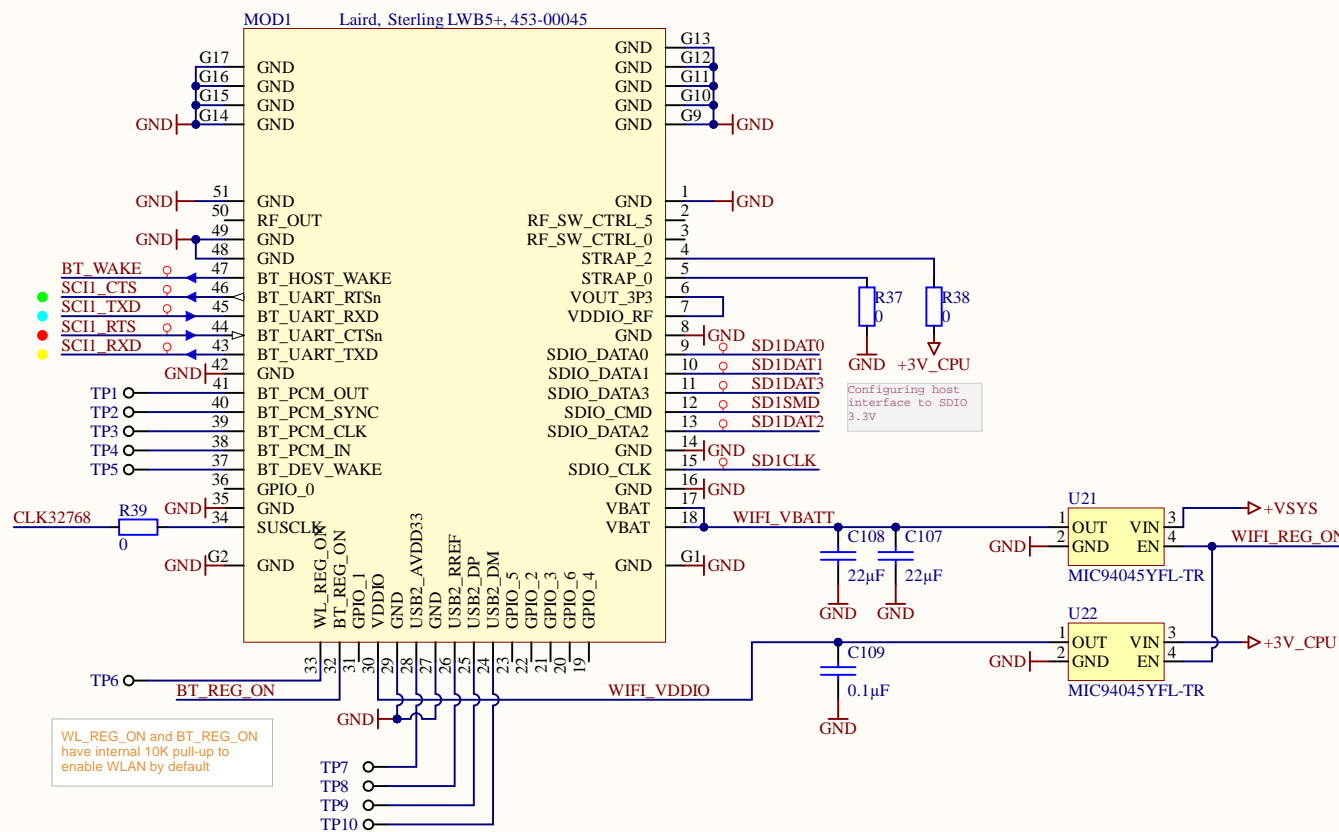
Wi-Fi mode active
 BAT_V - 441 mA
 VDDIO - 0.20 mA

Wi-Fi sleep
 BAT_V - 0.030 mA
 VDDIO - 0.20 mA

BlueTooth mode active
 BAT_V - 36.2 mA
 VDDIO - 0.27 mA

BlueTooth sleep
 BAT_V - 0.004 mA
 VDDIO - 0.300 mA

OFF mode
 BAT_V - 0.003 mA
 VDDIO - 0.00015 mA



6D sensor

