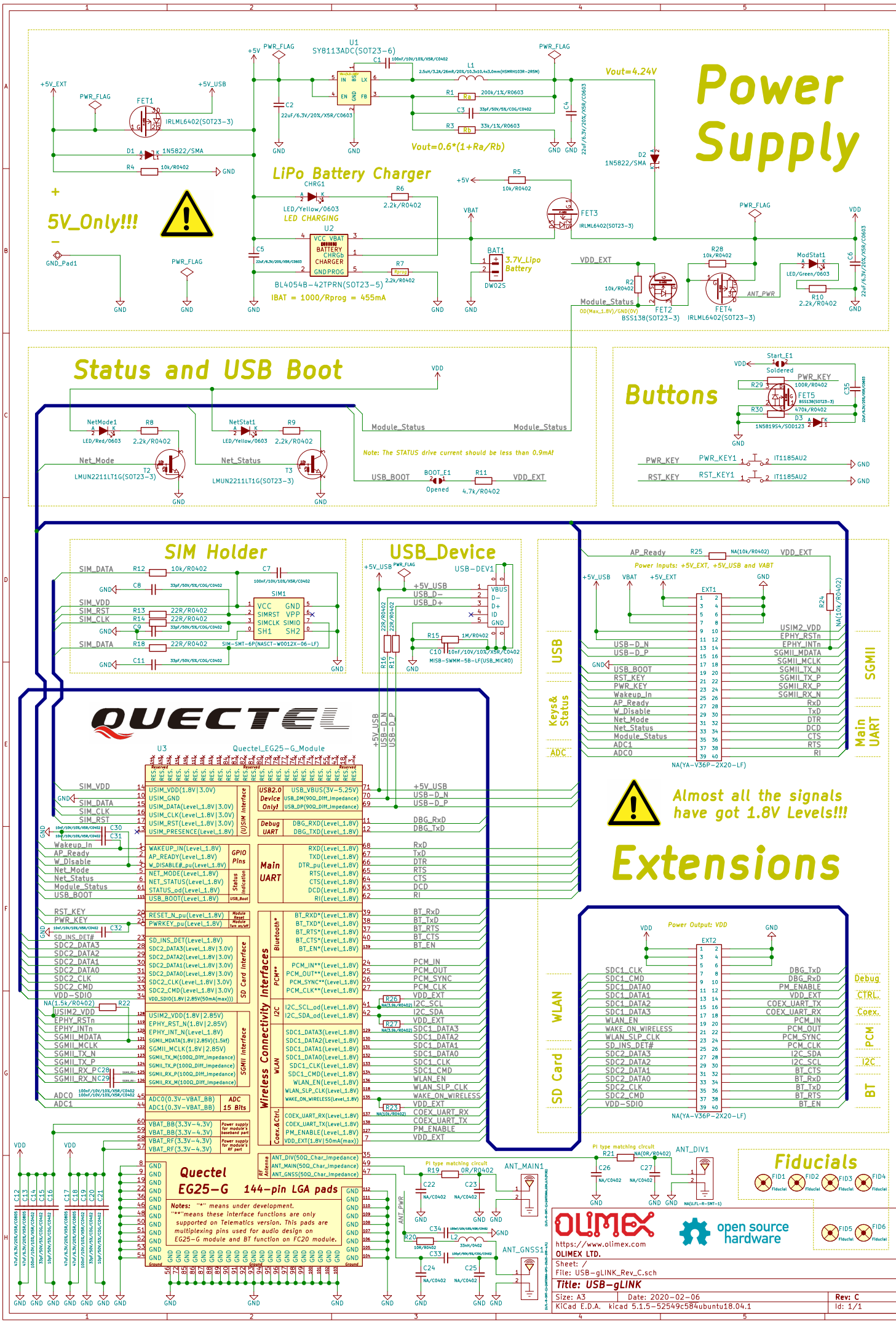
Power Supply
U1
SY8113ADC(SOT23-6)
Vout=4.24V
Vout=0.6*(1+Ra/Rb)
LiPo Battery Charger
LED CHARGING
BL4054B-42TPRN(SOT23-5)
IBAT = 1000/Rprog = 455mA
3.7V_Lipo Battery
5V_Only!!!
Status and USB Boot
Note: The STATUS drive current should be less than 0.9mA!
Buttons
SIM Holder
USB_Device
Power Inputs: +5V_EXT, +5V_USB and VABT
Almost all the signals have got 1.8V Levels!!!
Extensions
Power Output: VDD
Quectel EG25-G 144-pin LGA pads
Notes: "*" means under development.
"**"means these interface functions are only supported on Telematics version. This pads are multiplexing pins used for audio design on EG25-G module and BT function on FC20 module.
Fiducials
OLIMEX
open source hardware
https://www.olimex.com
OLIMEX LTD.
Sheet: /
File: USB-gLINK_Rev_C.sch
Title: USB-gLINK
Size: A3
Date: 2020-02-06
Rev: C
KiCad E.D.A. kicad 5.1.5-52549c584ubuntu18.04.1
Id: 1/1