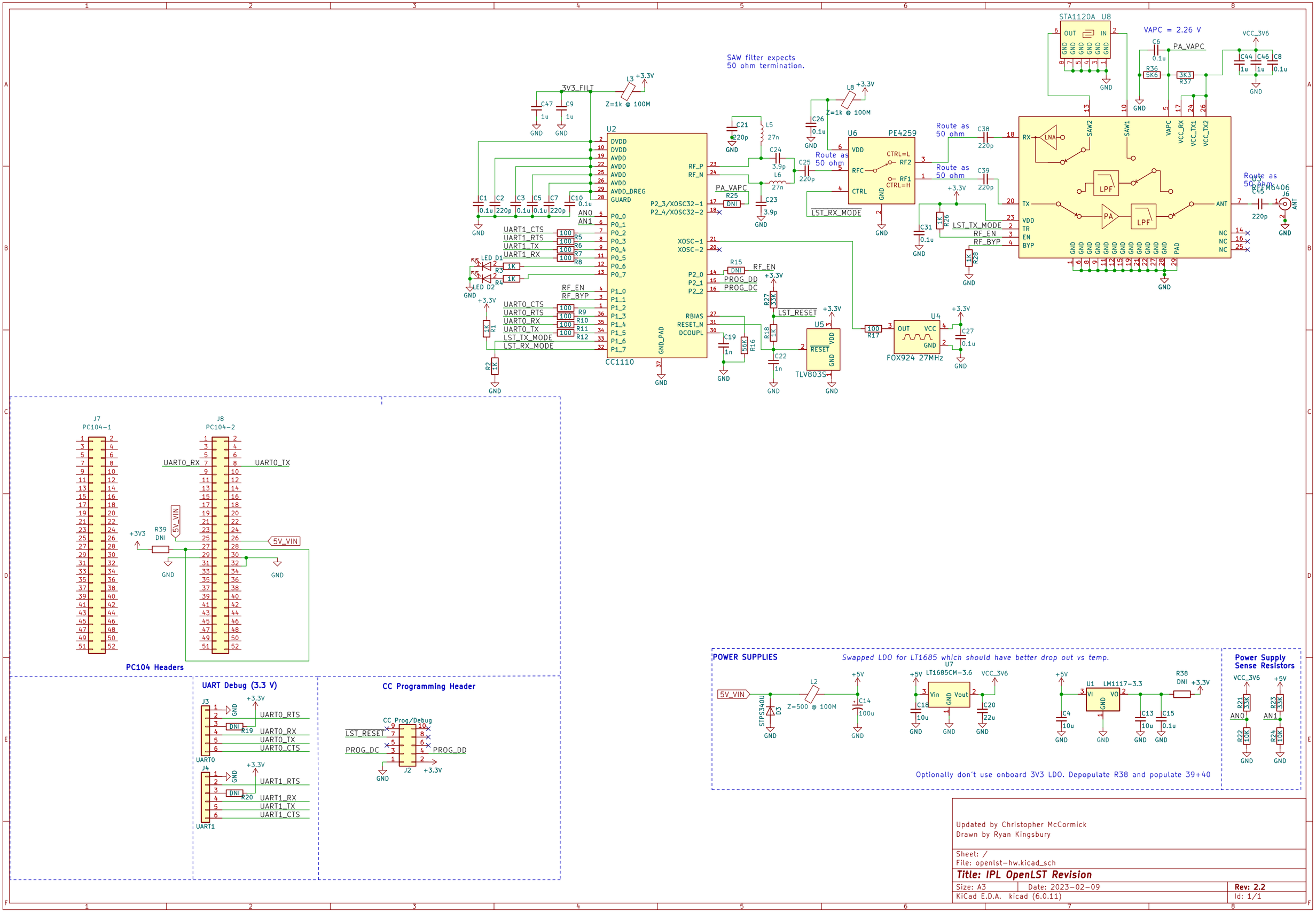
SAW filter expects
50 ohm termination.
U2
CC1110
U6
PE4259
STA1120A U8
VAPC = 2.26 V
U4
FOX924 27MHz
U5
TLV803S
J6
ANT
J7
PC104-1
J8
PC104-2
PC104 Headers
UART Debug (3.3 V)
CC Programming Header
POWER SUPPLIES
Swapped LDO for LT1685 which should have better drop out vs temp.
U7
LT1685CM-3.6
U1
LM1117-3.3
Optionally don't use onboard 3V3 LDO. Depopulate R38 and populate 39+40
Power Supply
Sense Resistors
Updated by Christopher McCormick
Drawn by Ryan Kingsbury
Sheet: /
File: openlst-hw.kicad_sch
Title: IPL OpenLST Revision
Size: A3
Date: 2023-02-09
Rev: 2.2
KiCad E.D.A. kicad (6.0.11)
Id: 1/1