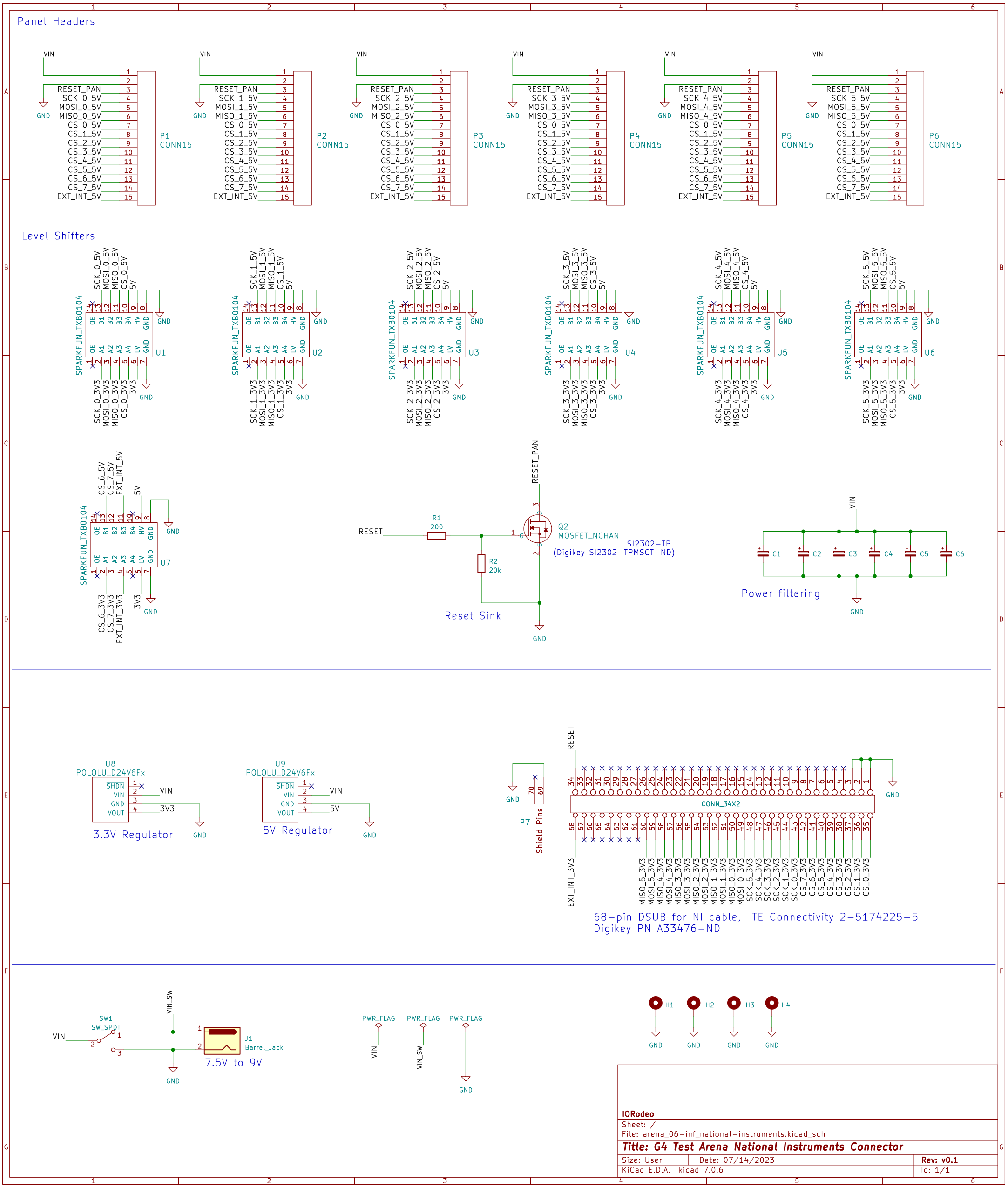
Panel Headers
P1 CONN15
P2 CONN15
P3 CONN15
P4 CONN15
P5 CONN15
P6 CONN15
Level Shifters
U1
U2
U3
U4
U5
U6
U7
SPARKFUN_TXB0104
Reset Sink
R1 200
R2 20k
Q2 MOSFET_NCHAN
SI2302-TP
(Digikey SI2302-TPMSCT-ND)
Power filtering
C1
C2
C3
C4
C5
C6
U8 POLOLU_D24V6Fx
3.3V Regulator
U9 POLOLU_D24V6Fx
5V Regulator
P7 Shield Pins
CONN_34X2
68-pin DSUB for NI cable, TE Connectivity 2-5174225-5
Digikey PN A33476-ND
SW1 SW_SPDT
J1 Barrel_Jack
7.5V to 9V
PWR_FLAG
H1
H2
H3
H4
IORodeo
Sheet: /
File: arena_06-inf_national-instruments.kicad_sch
Title: G4 Test Arena National Instruments Connector
Size: User
Date: 07/14/2023
Rev: v0.1
KiCad E.D.A. kicad 7.0.6
Id: 1/1