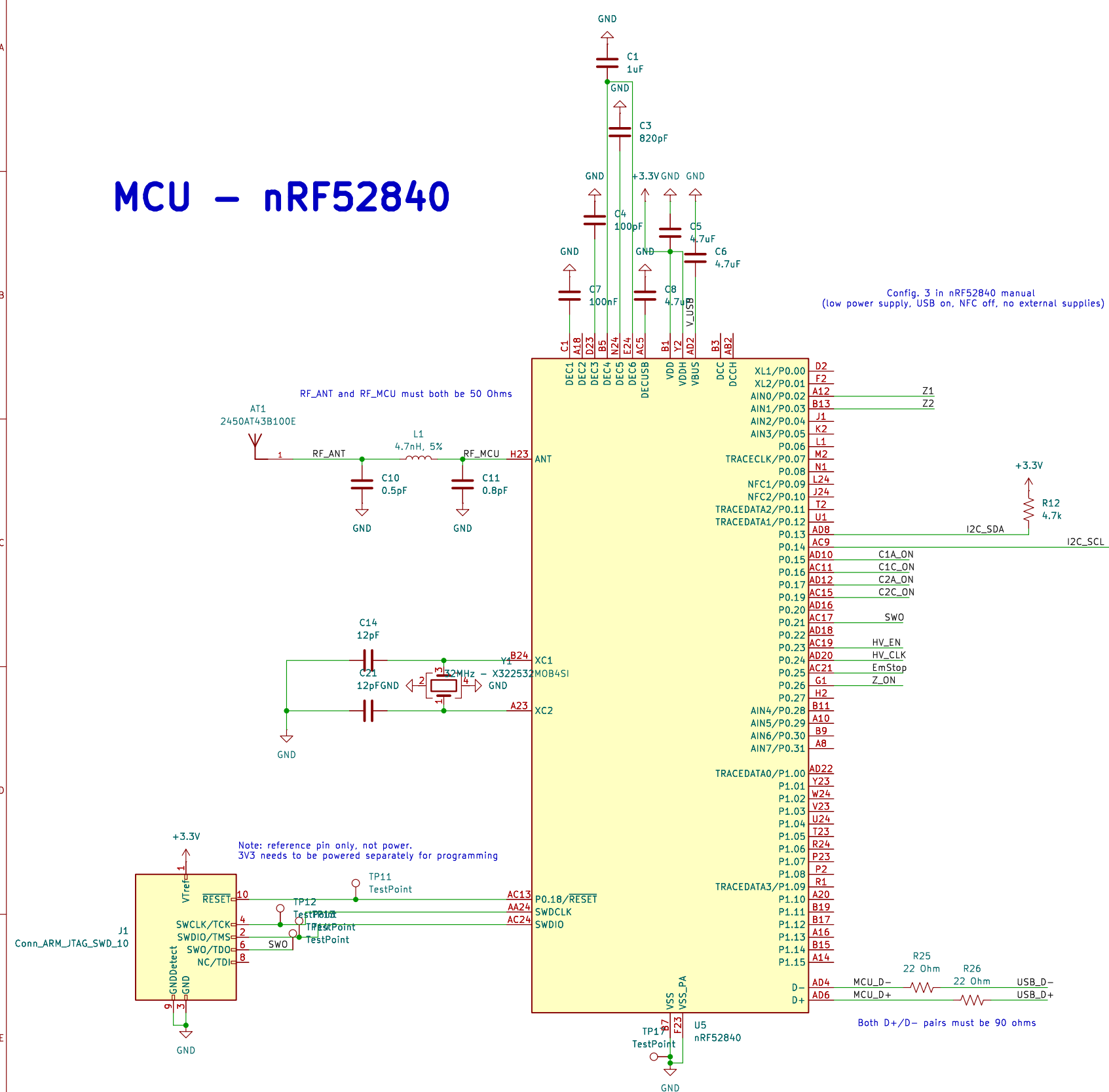
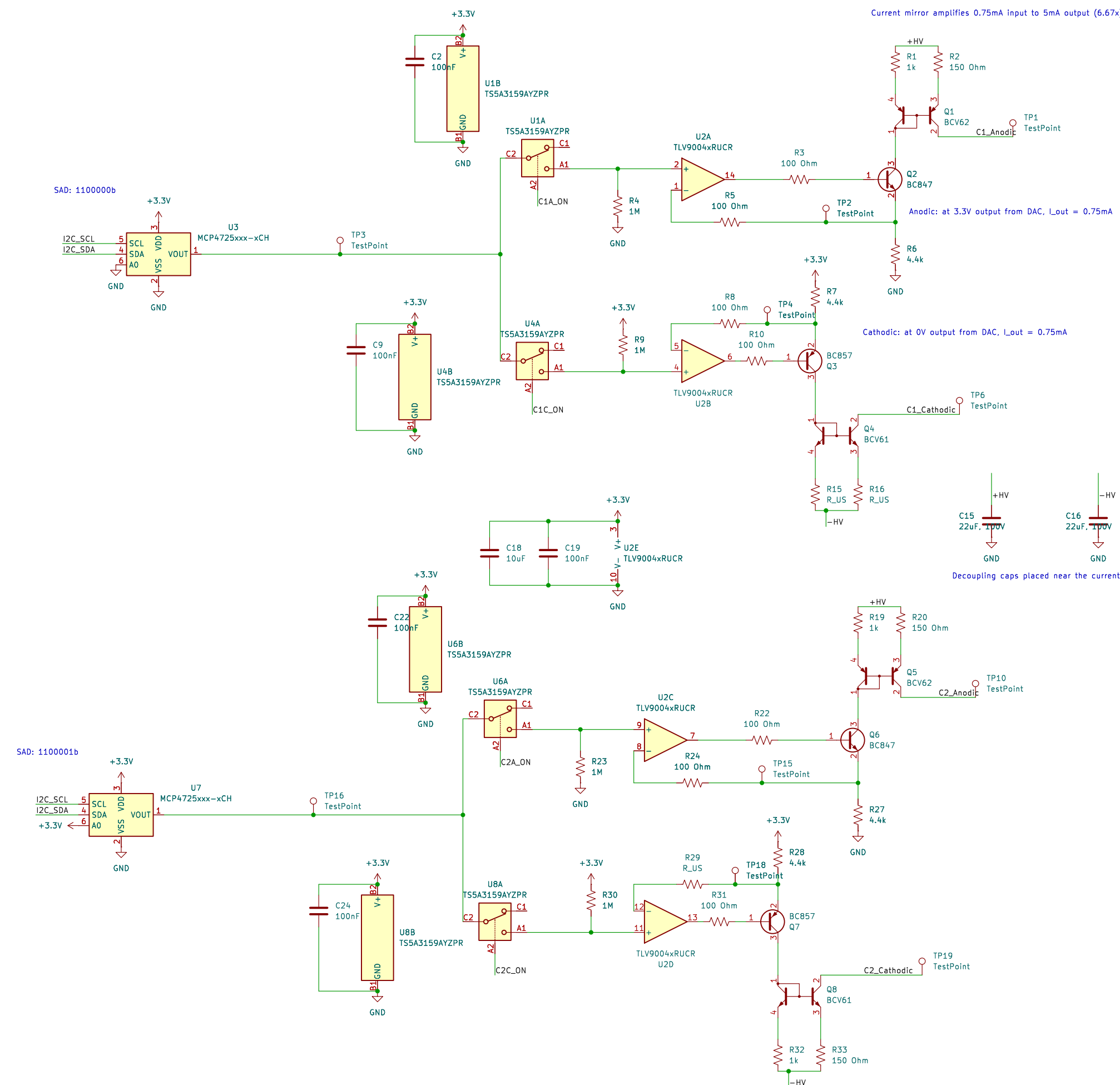


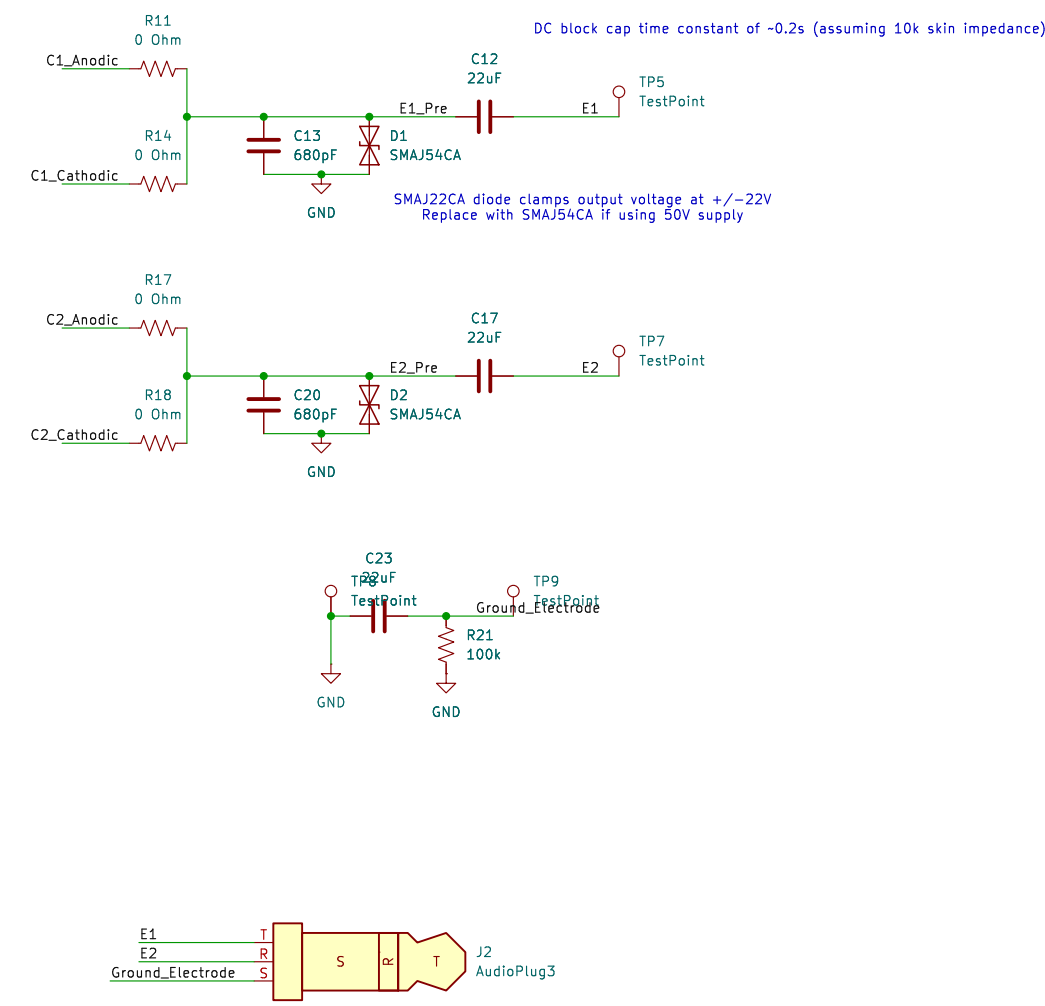
MCU – nRF52840



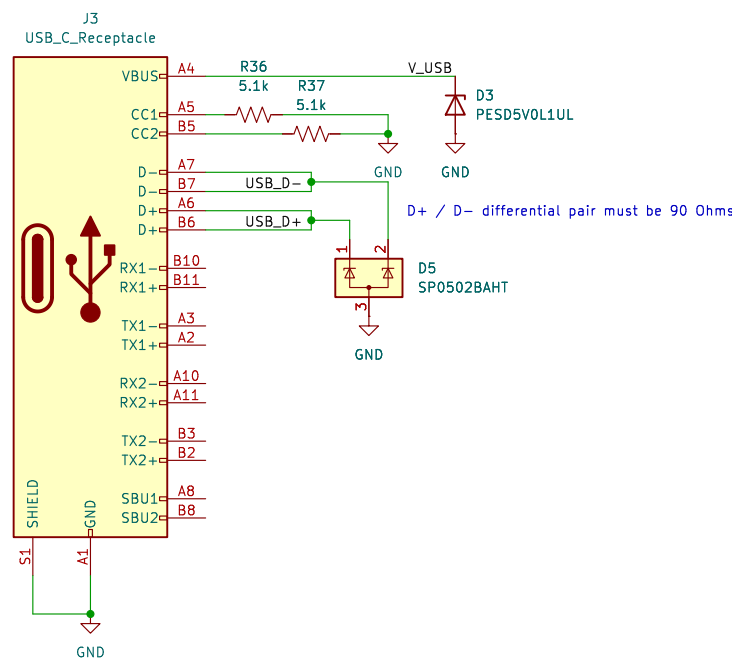
Stimulation Output



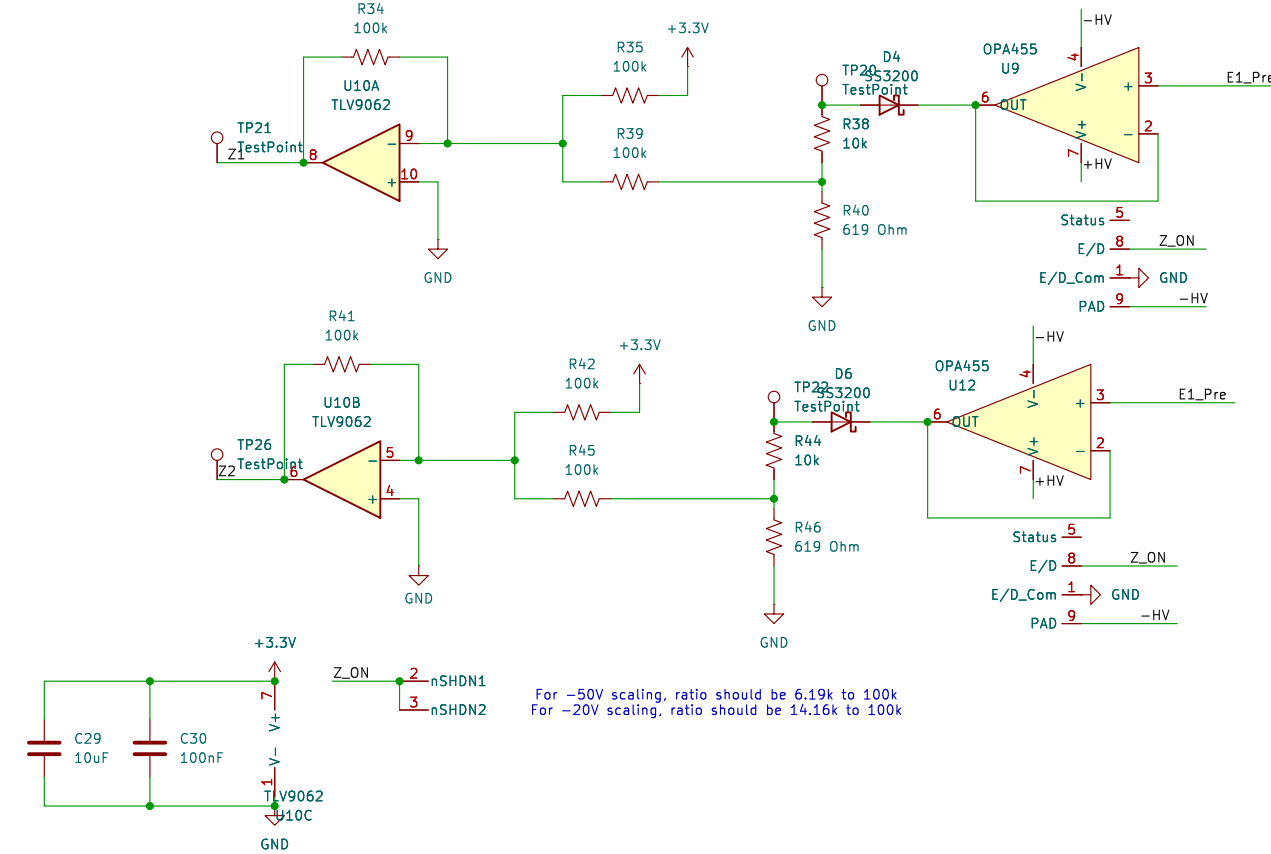
Electrodes



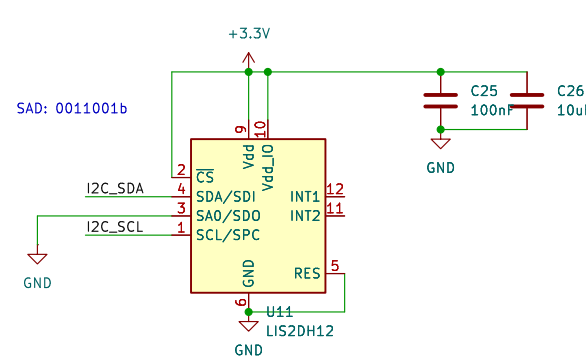
USB–C Power and Data



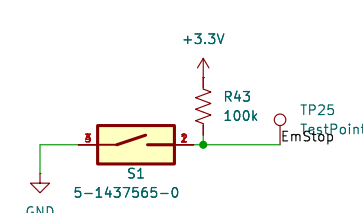
Impedance AFE



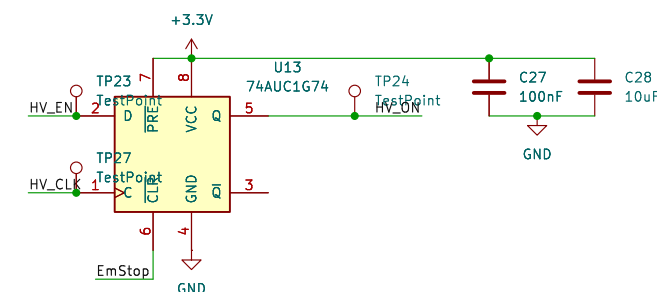
Accelerometer



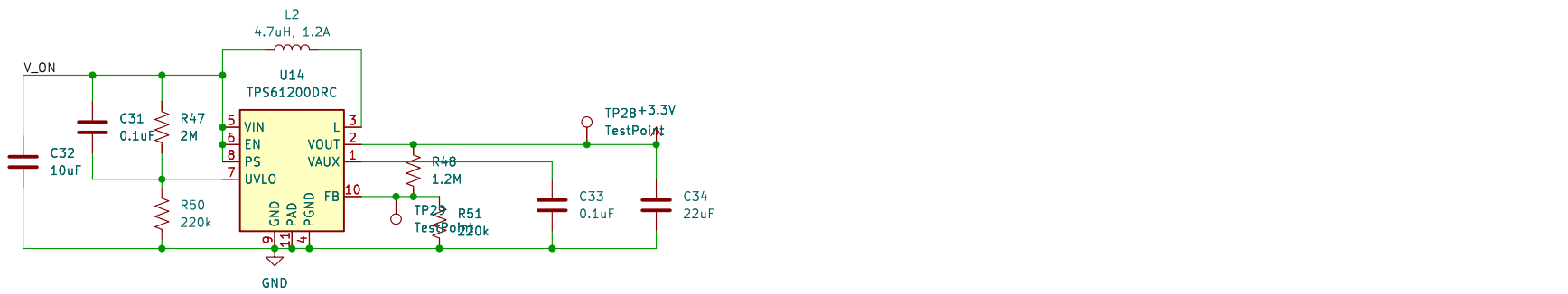
Emergency Off Button



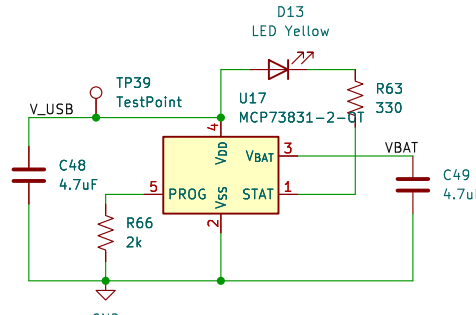
HV Shutdown on Button



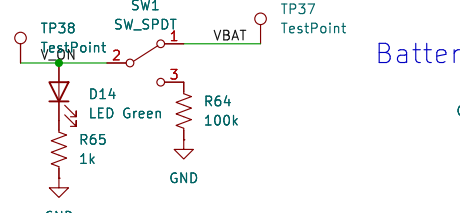
3V3 Converter



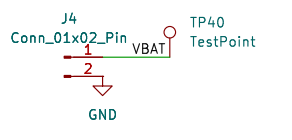
Battery Charger



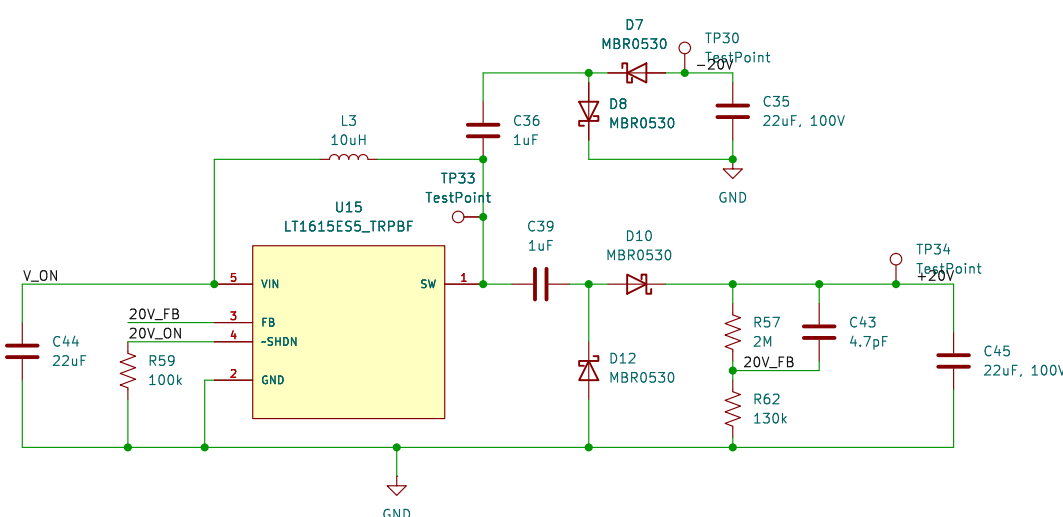
Power Switch



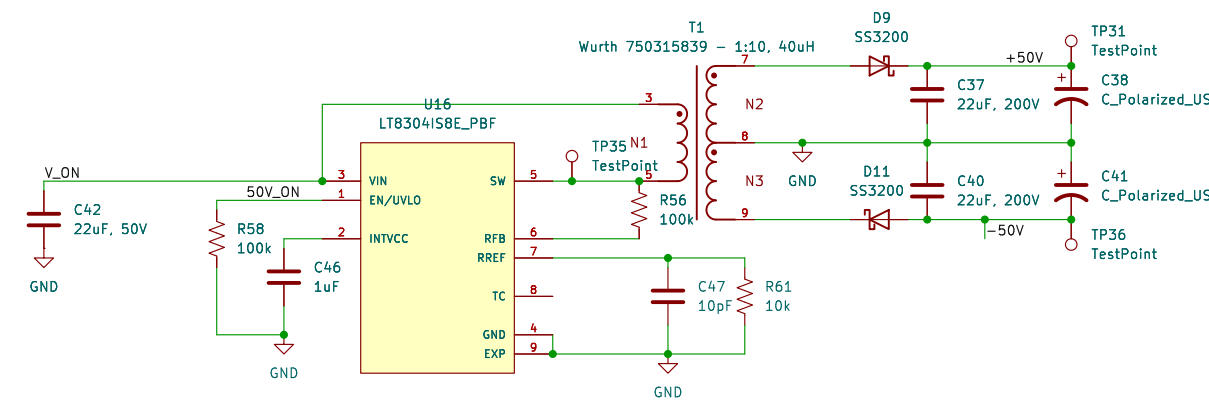
Battery Connector – JST



+/-20V for stimulation output



+/-50V for stimulation output



HV Selection Resistors



Author: Alex Baldwin

Sheet: /
File: OpenAVNS KiCad Project.kicad_sch

Title: OpenAVNS

Size: A1 Date: 2025-09-01

KiCad E.D.A. 9.0.0 Rev: 0.1