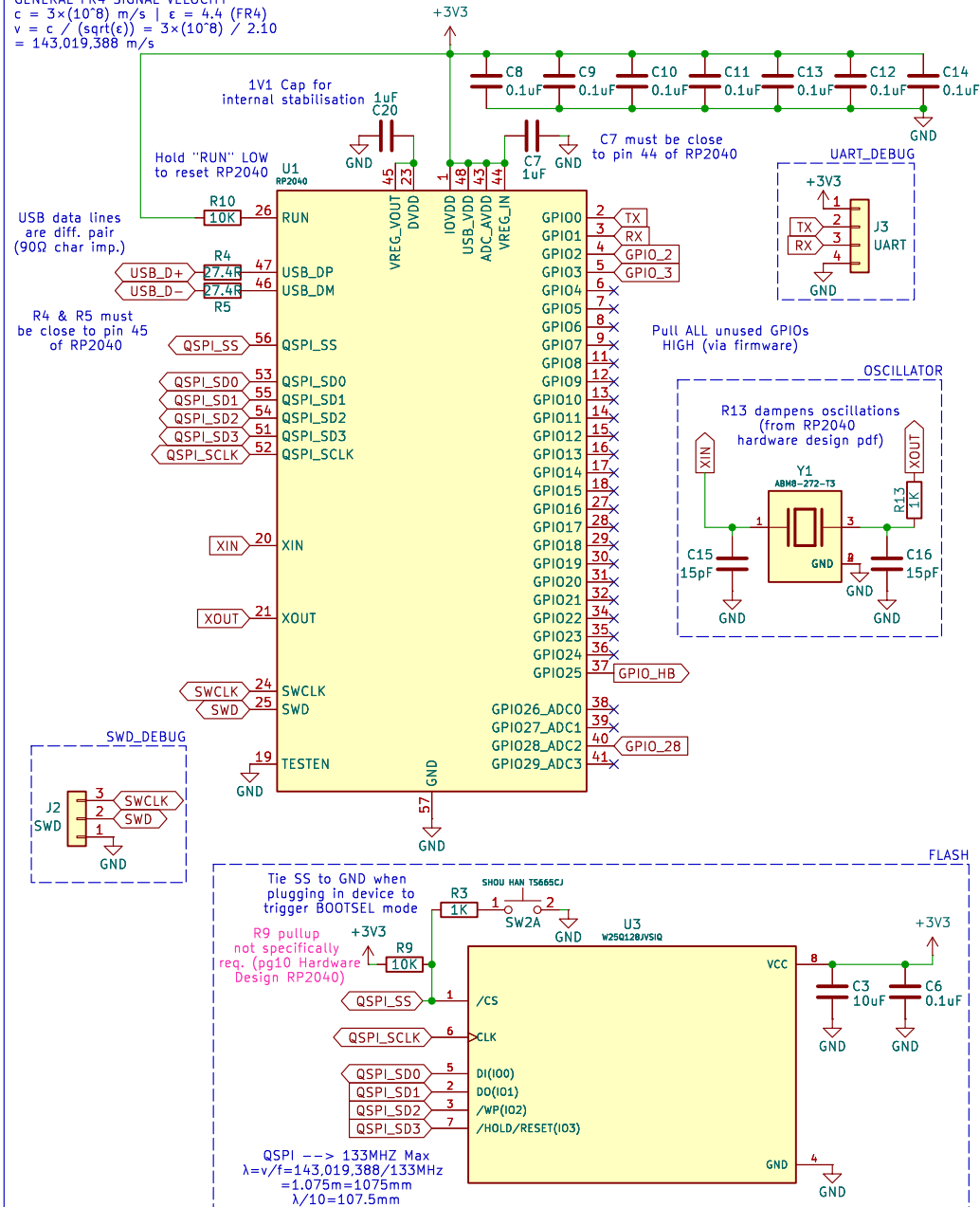
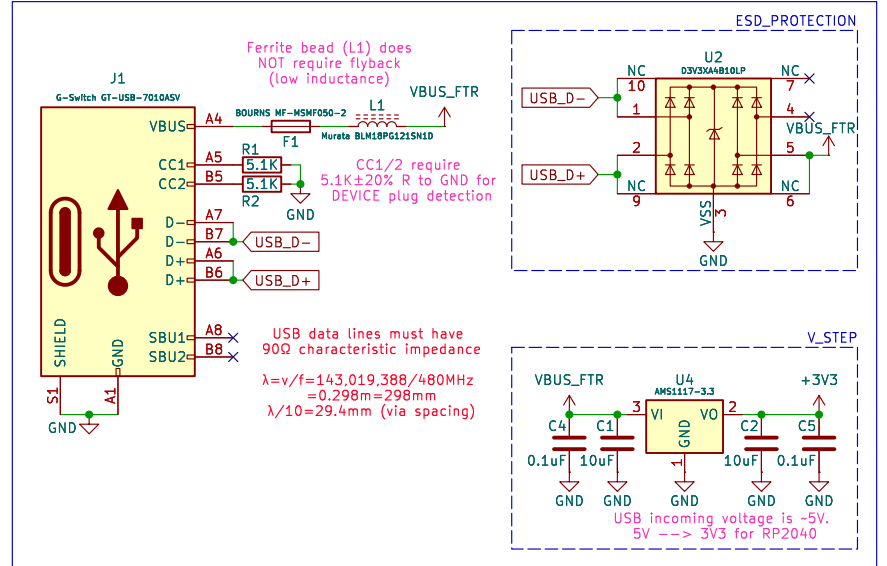


MCU

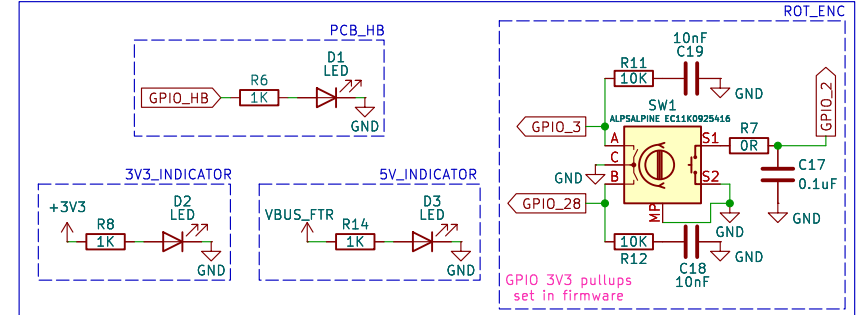
GENERAL FR4 SIGNAL VELOCITY
 $c = 3 \times (10^8) \text{ m/s} \mid \epsilon = 4.4 \text{ (FR4)}$
 $v = c / (\sqrt{\epsilon}) = 3 \times (10^8) / 2.10$
 $= 143,019,388 \text{ m/s}$



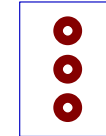
USB & POWER



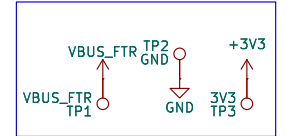
I/O



MOUNT



TEST POINTS



CRU

Sheet: /
 File: VolumeDialHID.kicad_sch

Title: VolumeHIDDial

Size: A4 Date: 2025-07-21
 KiCad E.D.A. 9.0.3

Rev: v1.1.0
 Id: 1/1