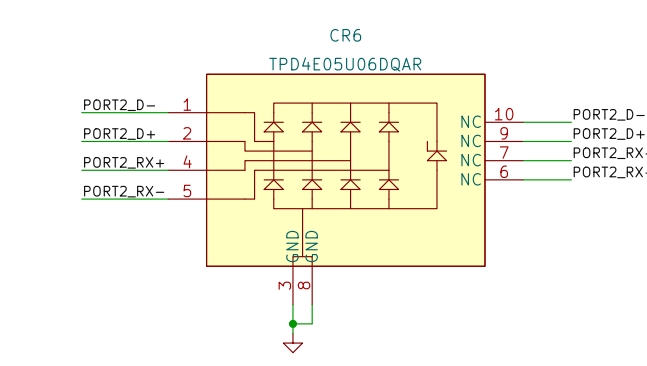
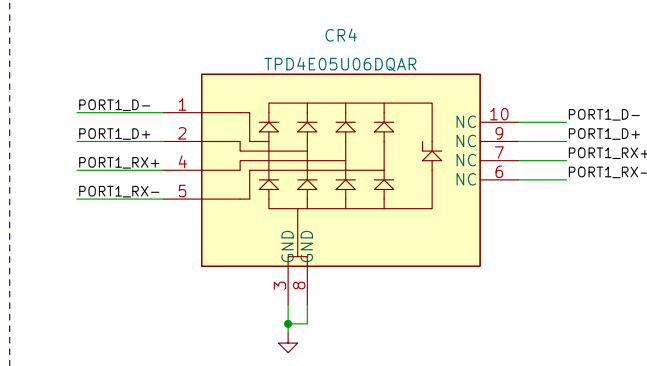
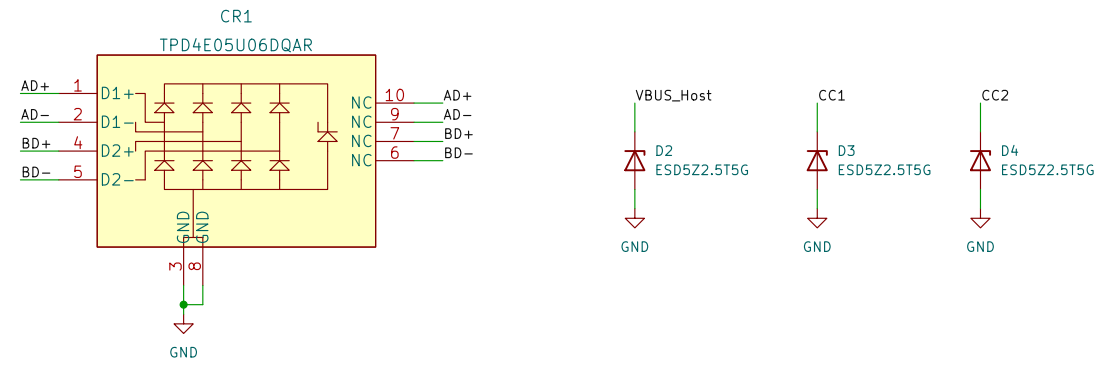


ESD protection



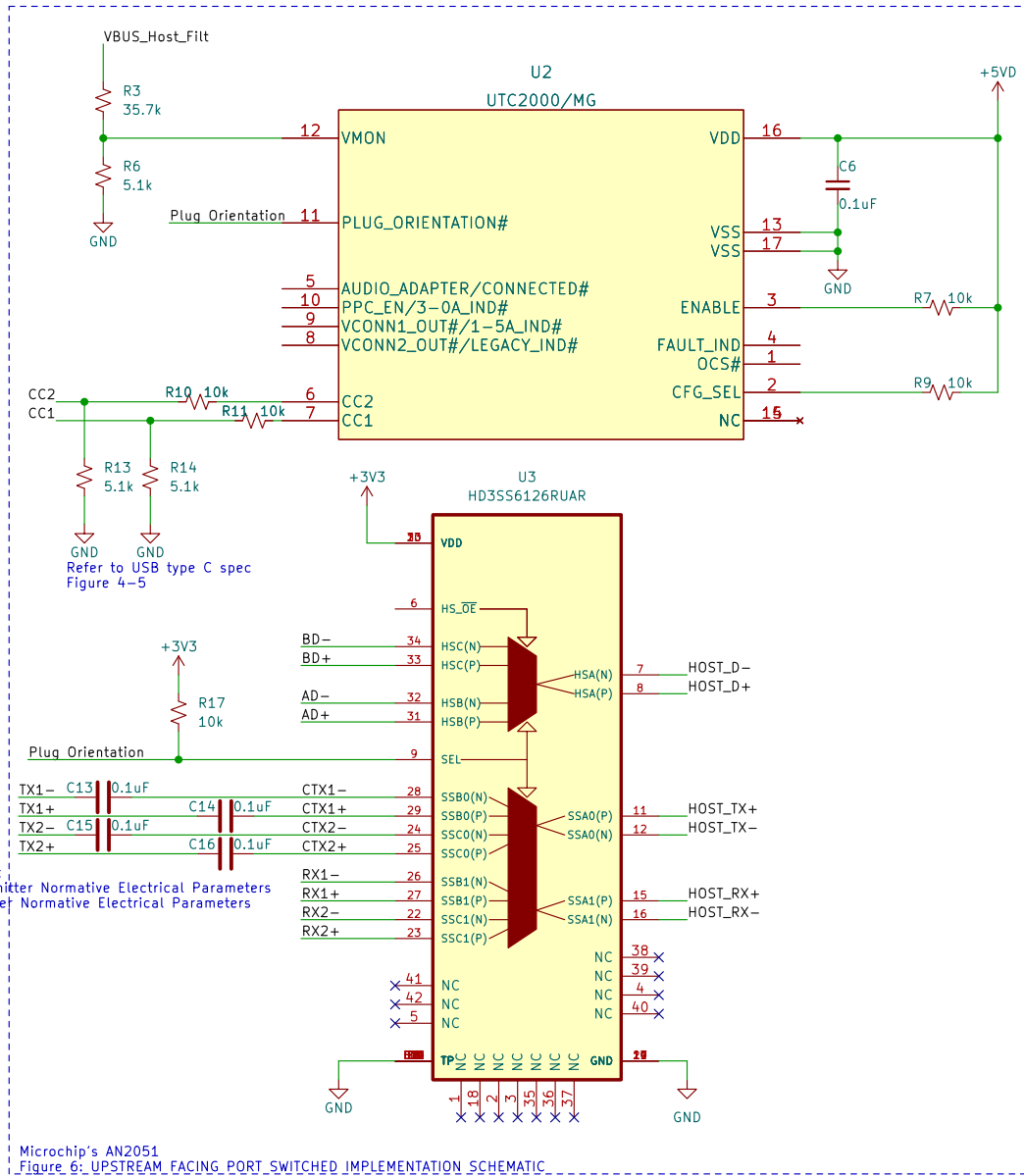
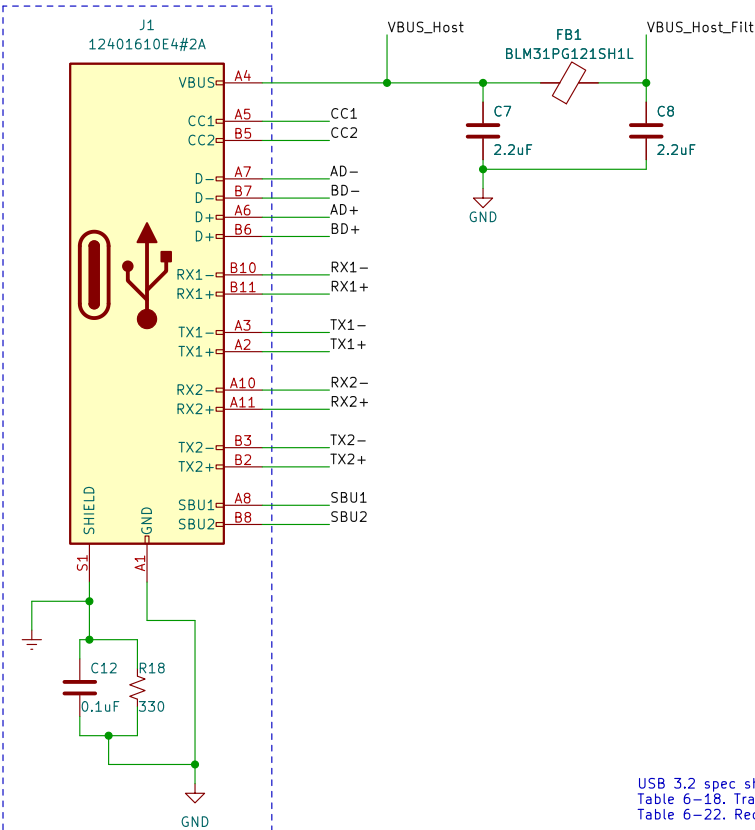
Power and pin headers



USB-C Host

USB-A PORT1 & PORT2

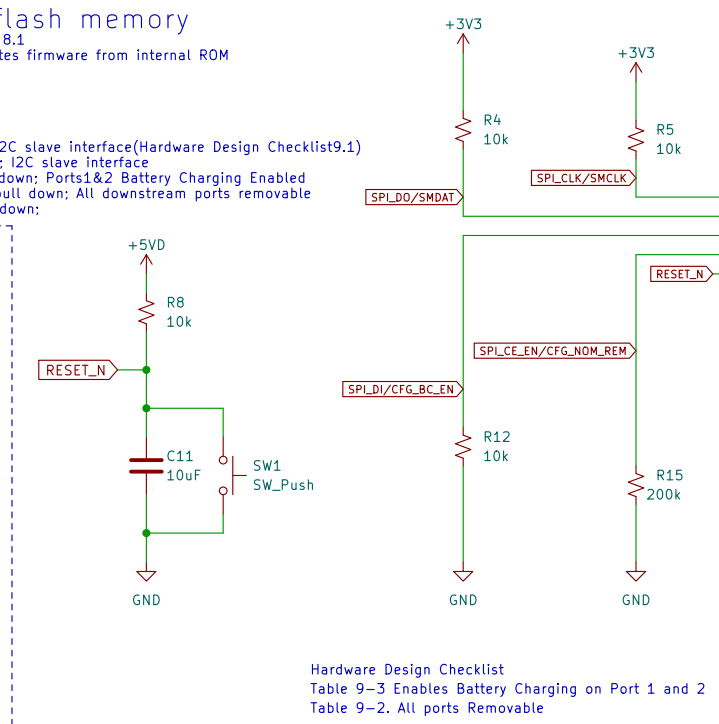
USB Type-C 3.2 Host



Optional spi flash memory

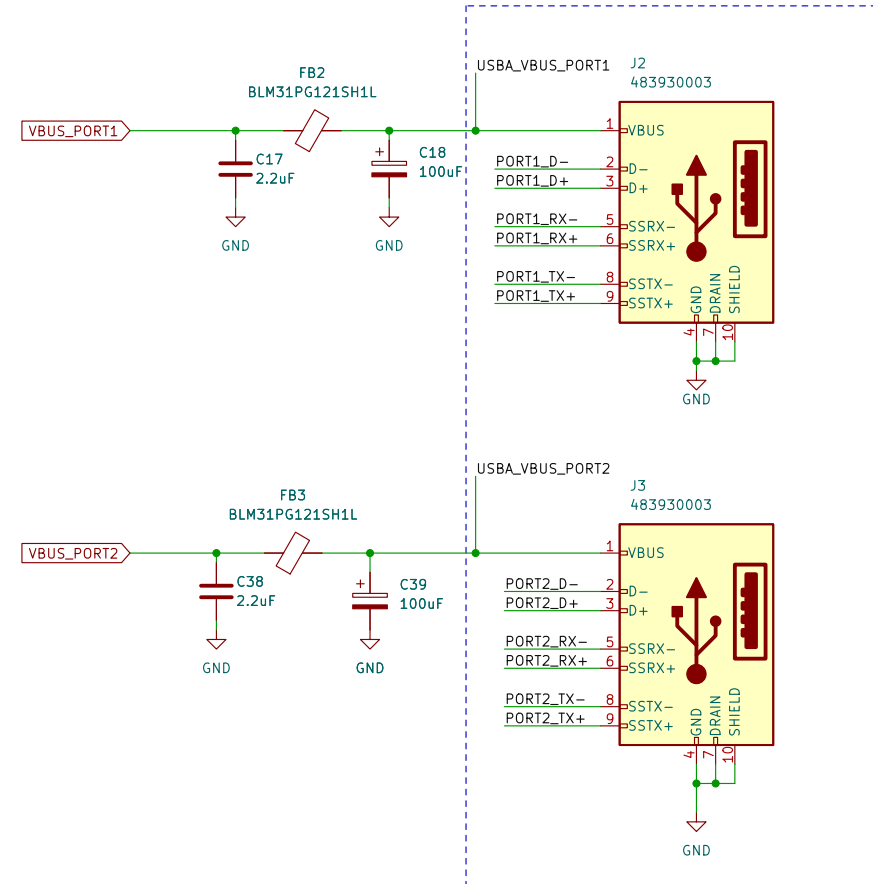
Hardware Design Checklist 8.1
By Default USB5744 executes firmware from internal ROM

Pins 38-42
SMCLK -> 10k pull up; I2C slave interface (Hardware Design Checklist9.1)
SMDAT -> 10k pull down; I2C slave interface
CFG_BC_EN -> 10k pull down; Ports1&2 Battery Charging Enabled
CFG_NON_REM -> 200k pull down; All downstream ports removable
RESET_N -> Button pull down;



Hardware Design Checklist
Table 9-3 Enables Battery Charging on Port 1 and 2
Table 9-2. All ports Removable

Downstream Type-A 3.1



Exclusive Electronics

Sheet: /
File: USB-C-Hub.kicad_sch

Title: IAN'S USB HUB

Size: A2 Date: / /
KiCad E.D.A. kicad (6.0.11)

Rev: 1.0

Id: 1/2