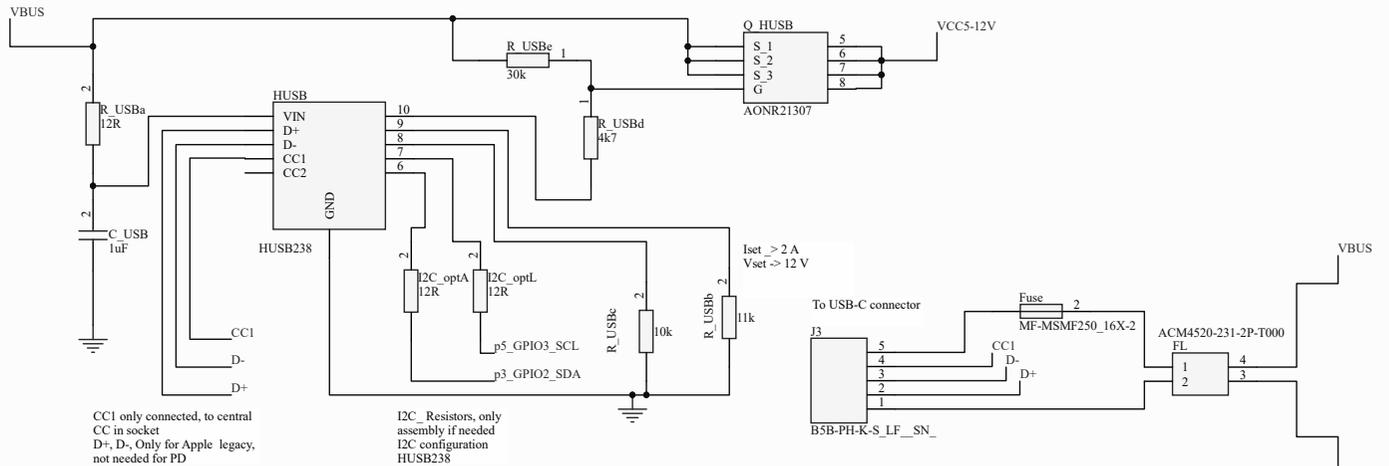
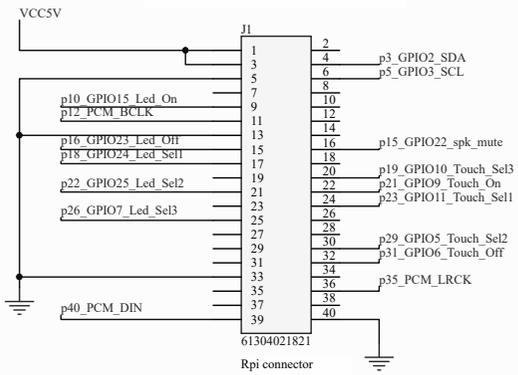
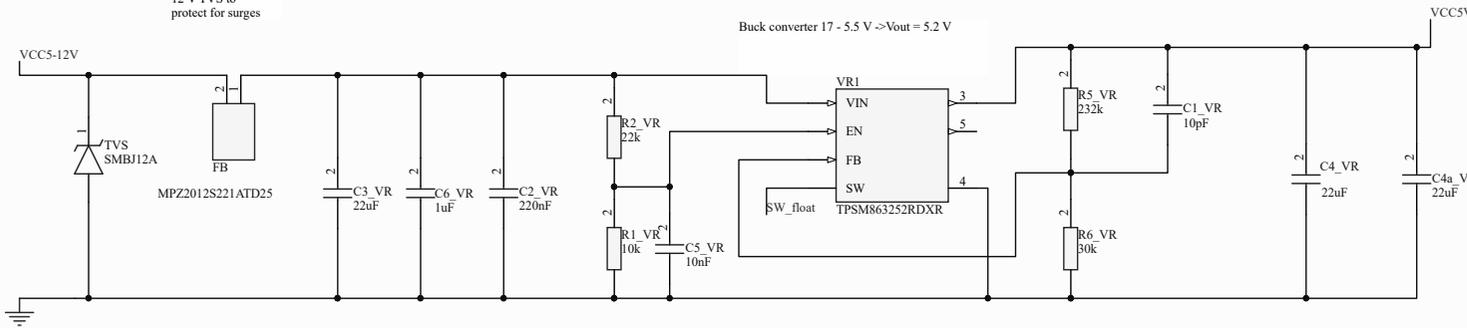


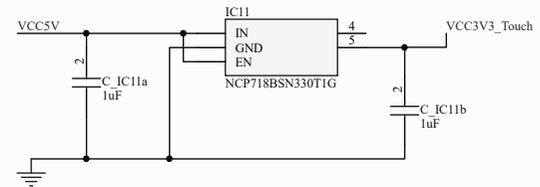
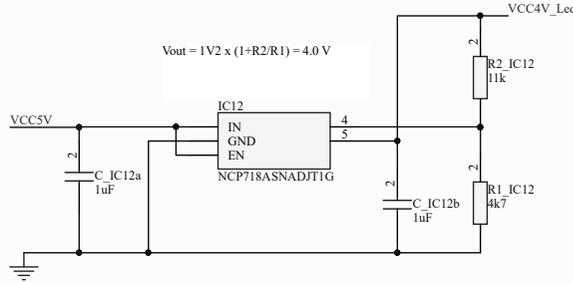
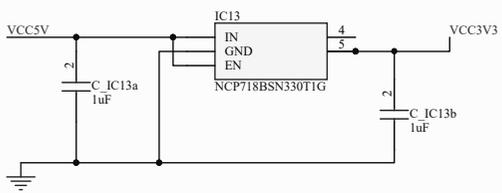
Warning: J1 numbers flipped wrt to Rpi numbers  
pXX\_GPIOYY.XX,YY is Rpi pin assignment



12 V TVS to protect for surges



$$V_{out} = 1V2 \times (1 + R2/R1) = 4.0V$$



Designator Sheet2\_Oradio3\_Rev.3.0\_Total.Sch.Doc

Designator Sheet3\_Oradio3\_Rev.3.0\_Total.Sch.Doc

Designator Sheet4\_Oradio3\_Rev.3.0\_Total.Sch.Doc

|                                |   |           |
|--------------------------------|---|-----------|
| Title                          |   |           |
| Oradio Oradio3 Rev 4.0 sheet 1 |   |           |
| Size                           | Number  | Revision  |
| A3                             |   |           |
| Date:                          | 9-10-2025                                       | Sheet of  |
| File:                          | C:\Users\...Sheet1_Oradio3_Rev4.0_Total.Sch.Doc | Drawn By: |