MALE type-c
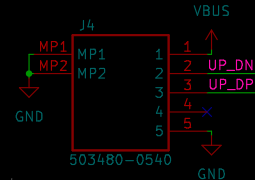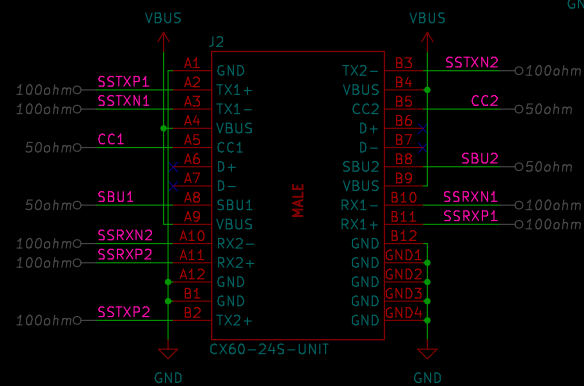
USB2
upstream
(from hub)

FEMALE type-c

VBUS

J4
MP1 — MP1 — 1 — 1 — UP_DN
MP2 — MP2 — 2 — 2 — UP_DP
              3 — 3
              4 — 4
              5 — 5
GND
503480-0540
GND

VBUS   VBUS
J2
100ohm SSTXP1 A1 GND   TX2− B3 SSTXN2 100ohm
100ohm SSTXN1 A2 TX1+   VBUS B4
        A3 TX1−   CC2   B5 CC2 50ohm
        A4 VBUS   D+   B6
50ohm   CC1 A5 CC1   D−   B7
        A6 D+   SBU2 B8 SBU2 50ohm
        A7 D−   VBUS B9
50ohm   SBU1 A8 SBU1   RX1− B10 SSRXN1 100ohm
        A9 VBUS   RX1+ B11 SSRXP1 100ohm
100ohm SSRXN2 A10 RX2−   GND   B12
100ohm SSRXP2 A11 RX2+   GND   GND1
        A12 GND   GND   GND2
        B1 GND   GND   GND3
100ohm SSTXP2 B2 TX2+   GND   GND4
CX60-24S-UNIT
GND   GND

VBUS   VBUS
J3
100ohm SSTXP1 A1 GND_1   SSTXN2 B3 SSTXN2 100ohm
100ohm SSTXN1 A2 SSTXP1   VBUS_3 B4
        A3 SSTXN1   CC2   B5 CC2 50ohm
        A4 VBUS_1   DP2   B6 UP_DP 100ohm
50ohm   CC1 A5 CC1   DN2   B7 UP_DN 100ohm
100ohm UP_DP A6 DP1   SBU2 B8 SBU2 50ohm
100ohm UP_DN A7 DN1   VBUS_4 B9
50ohm   SBU1 A8 SBU1   SSRXN1 B10 SSRXN1 100ohm
        A9 VBUS_2   SSRXP1 B11 SSRXP1 100ohm
100ohm SSRXN2 A10 SSRXN2   GND_4 B12
100ohm SSRXP2 A11 SSRXP2   MH1
        A12 GND_2   MH2 MH1
        B1 GND_3   MH3 MH2
100ohm SSTXP2 B2 SSTXP2   MH4 MH3
                    MH5 MH4
                    MH6 MH5
                         MH6
CX90MWD2G-24P
GND   GND