

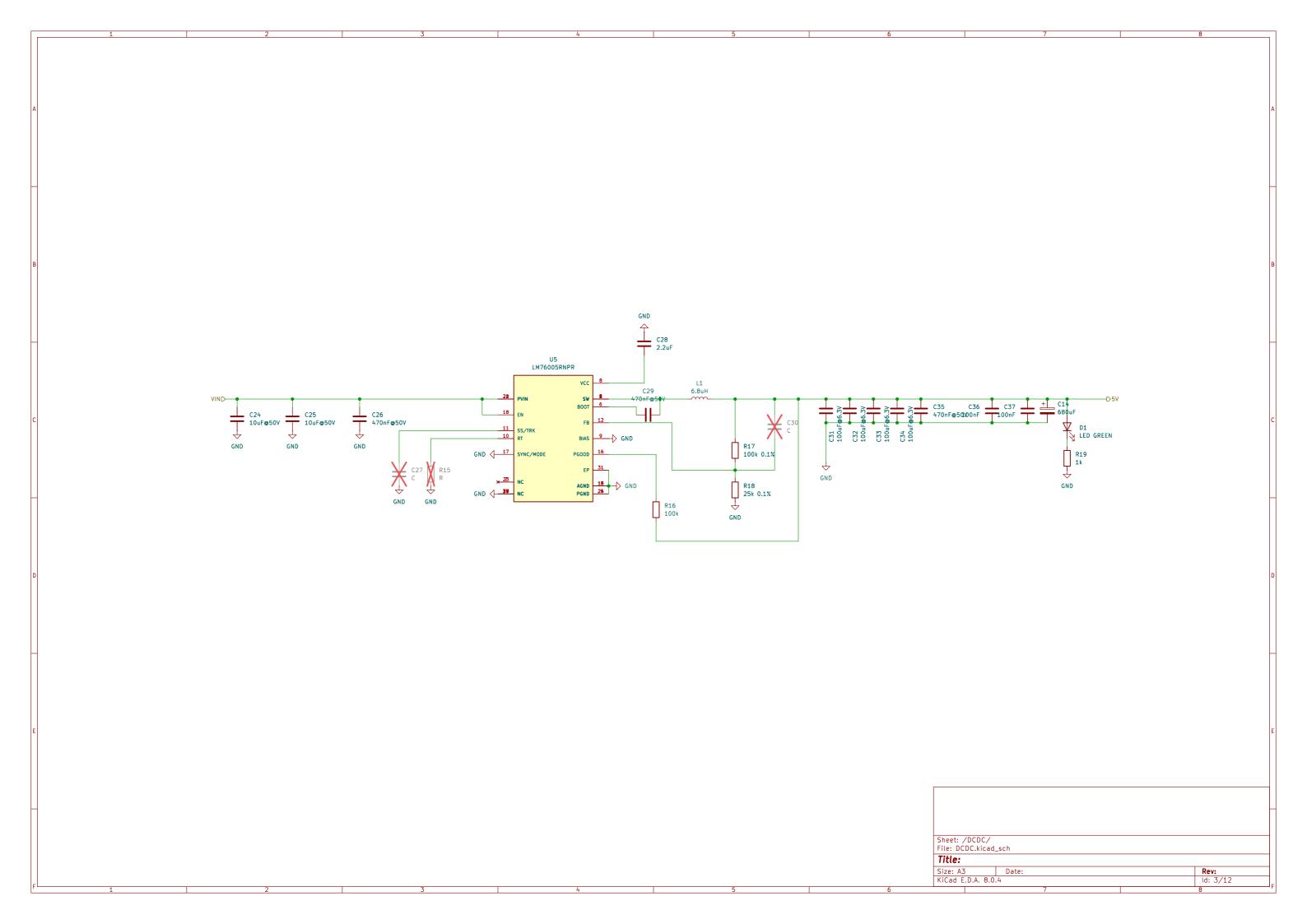
C21 100nF@50V ETHO.PAIR_A_NGND

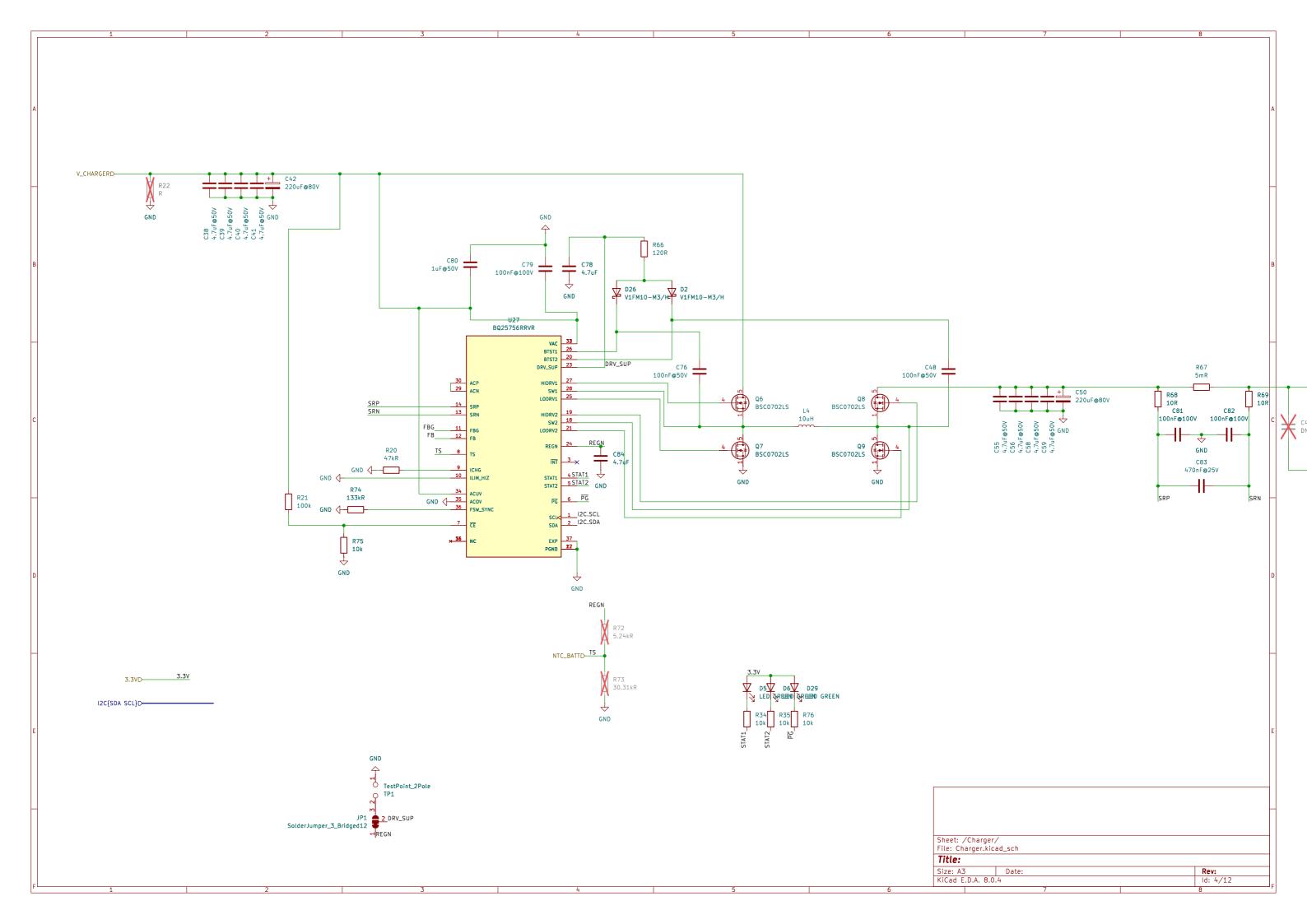
ETHO.PAIR_A_P
ETHO.PAIR_B_N
ETHO.PAIR_C_N
ETHO.PAIR_C_P
ETHO.PAIR_B_P
ETHO.PAIR_D_N
ETHO.PAIR_D_N
ETHO.PAIR_D_P
R9 ETHO{ETH_TPI}D-5V R9 300R J22 HR911130A ETHO.LED_G R10 300R ETHO.LED_Y **₩** SHIELD USB 2 Power Switches and Connectors
Power is always on, switches are there for safety (they will deliver max 1A) GND C22 100nF@50V R3 10k ETH1.PAIR_A_N GND

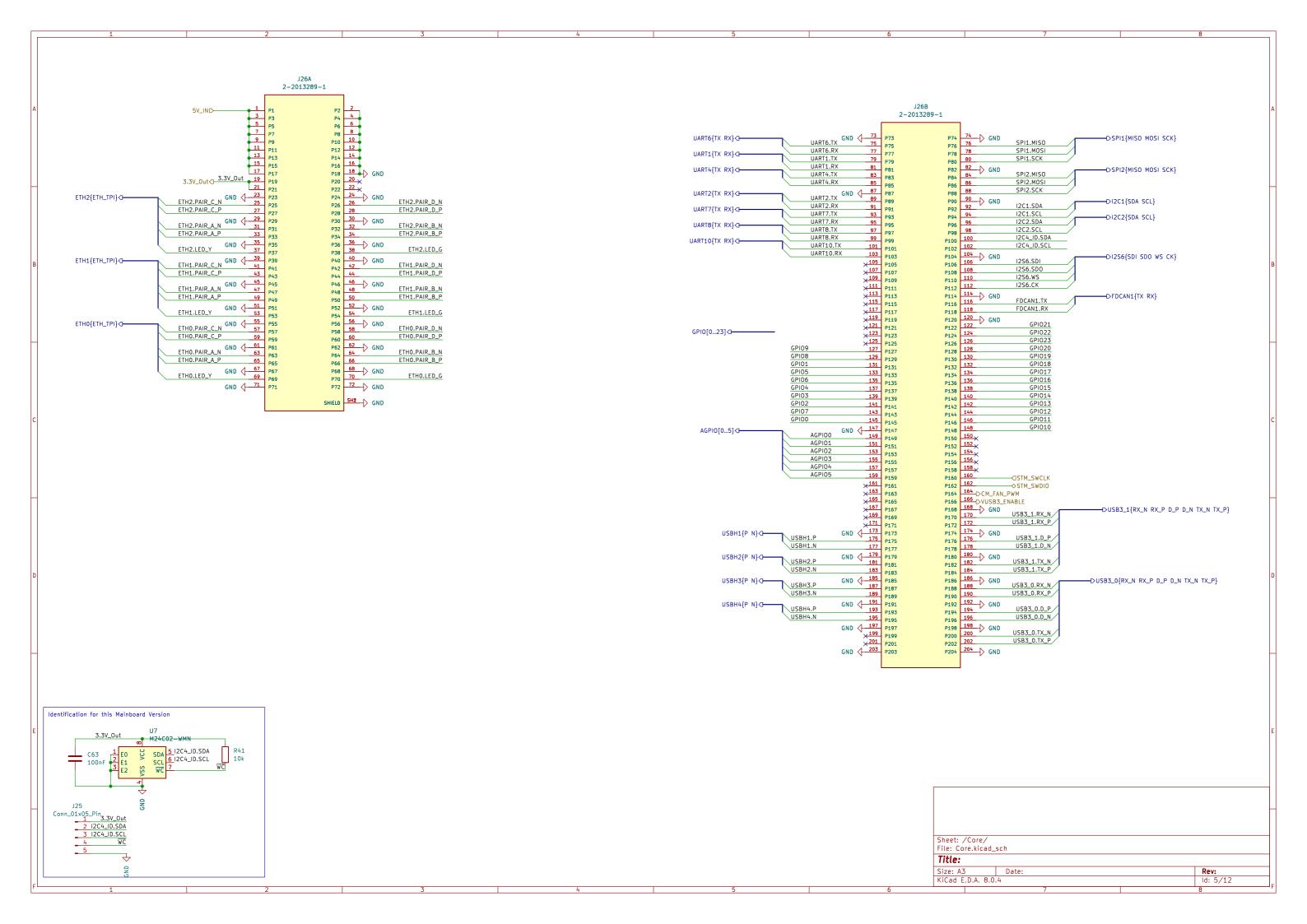
ETH1.PAIR_A_P
ETH1.PAIR_B_N
ETH1.PAIR_C_N
ETH1.PAIR_C_N
ETH1.PAIR_D_N
ETH1.PAIR_D_N
ETH1.PAIR_D_N
ETH1.PAIR_D_N
ETH1.PAIR_D_N
ETH1.PAIR_D_N ETH1{ETH_TPI}D— C3 470nF@50V C1 100nF@50V U1 TPS2065CDBV GND 🕕 GND GND C4 470nF@50V S FLT → GND R11 300R J23 HR911130A ETH1.LED_G C5 100nF@50V **▼** GREEN R12 300R GND GND ETH1.LED_Y J16 USB_A_Stacked **▼** AETTON VBUS1-5 USBH1.P USBH1.N USBH2.P USBH2.N D1+-D1--D2+-D2--—dusbh2{P N} GND C23 100nF@50V ETH2.PAIR_A_N GND

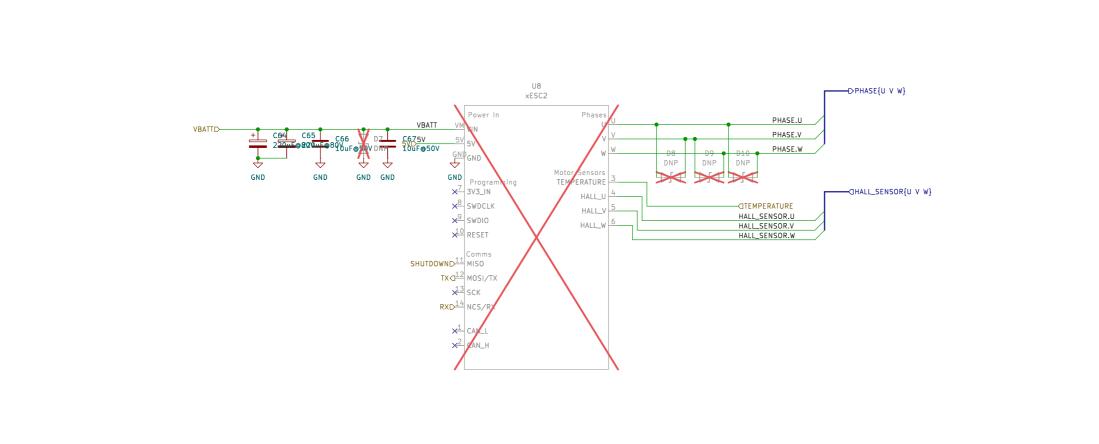
ETH2.PAIR_A_P
ETH2.PAIR_B_N
ETH2.PAIR_C_N
ETH2.PAIR_C_N
ETH2.PAIR_B_P
ETH2.PAIR_D_N
ETH2.PAIR_D_P

R13 ETH2{ETH_TPI}D-R13 300R J24 HR911130A ETH2.LED_G **▼** GREEN R14 300R ETH2.LED_Y **☆**AETTO. SHIELD GND Sheet: /Connectors/ File: Connectors.kicad_sch Title: Size: A3 Date: KiCad E.D.A. 8.0.4







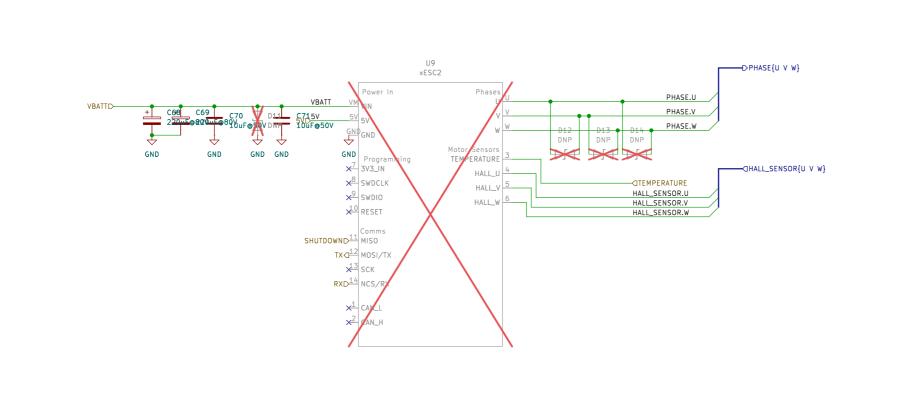


Dummy Symbol, 0nly for Assembly 2.54mm 1x6 socket Dummy Symbol, 0nly for Assembly 2.54mm 2x2 socket Dummy Symbol, Only for Assembly 2.54mm 1x6 socket

Dummy Symbol, Only for Assembly 2.54mm 1x9 socket Dummy Symbol, Only for Assembly 2.54mm 1x5 socket

Dummy Symbol, Only for Assembly 2.54mm 2x2 socket Dummy Symbol, Only for Assembly 2.54mm 2x2 socket

> Sheet: /xESC/ File: xESC.kicad_sch Title: Size: A3 Date: KiCad E.D.A. 8.0.4

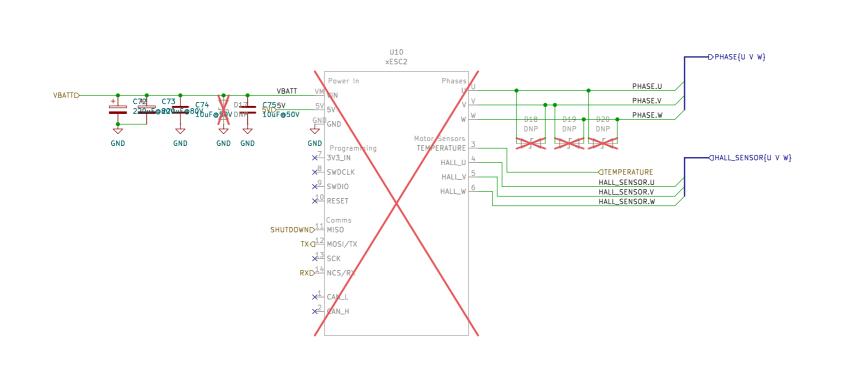


Dummy Symbol, Only for Assembly 2.54mm 1x6 socket Dummy Symbol, Only for Assembly 2.54mm 1x9 socket

Dummy Symbol. Only for Assembly 2.54mm 1x5 socket

Dummy Symbol, 0nly for Assembly 2.54mm 1x6 socket Dummy Symbol, 0nly for Assembly 2.54mm 2x2 socket Dummy Symbol, Only for Assembly 2.54mm 2x2 socket Dummy Symbol, Only for Assembly 2.54mm 2x2 socket

> Sheet: /xESC1/ File: xESC.kicad_sch Title: Size: A3 Date: KiCad E.D.A. 8.0.4



Dummy Symbol, Only for Assembly 2.54mm 1x6 socket

Dummy Symbol, Only for Assembly 2.54mm 1x9 socket Dummy Symbol, Only for Assembly 2.54mm 1x5 socket

Dummy Symbol, 0nly for Assembly 2.54mm 1x6 socket Dummy Symbol, 2.54mm 2x2 socket Dummy Symbol, Only for Assembly 2.54mm 2x2 socket Dummy Symbol, Only for Assembly 2.54mm 2x2 socket

> Sheet: /xESC2/ File: xESC.kicad_sch Title: Size: A3 Date: KiCad E.D.A. 8.0.4

