

PCB ID-15344

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Prusa Development a.s.

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 File: PCB-FDM-MK4-xBuddyExtension.kicad_sch

Title: PCB-FDM-MK4-xBuddyExtension

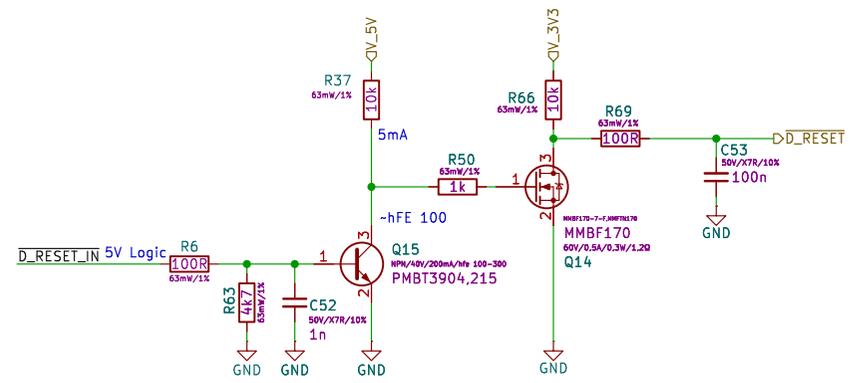
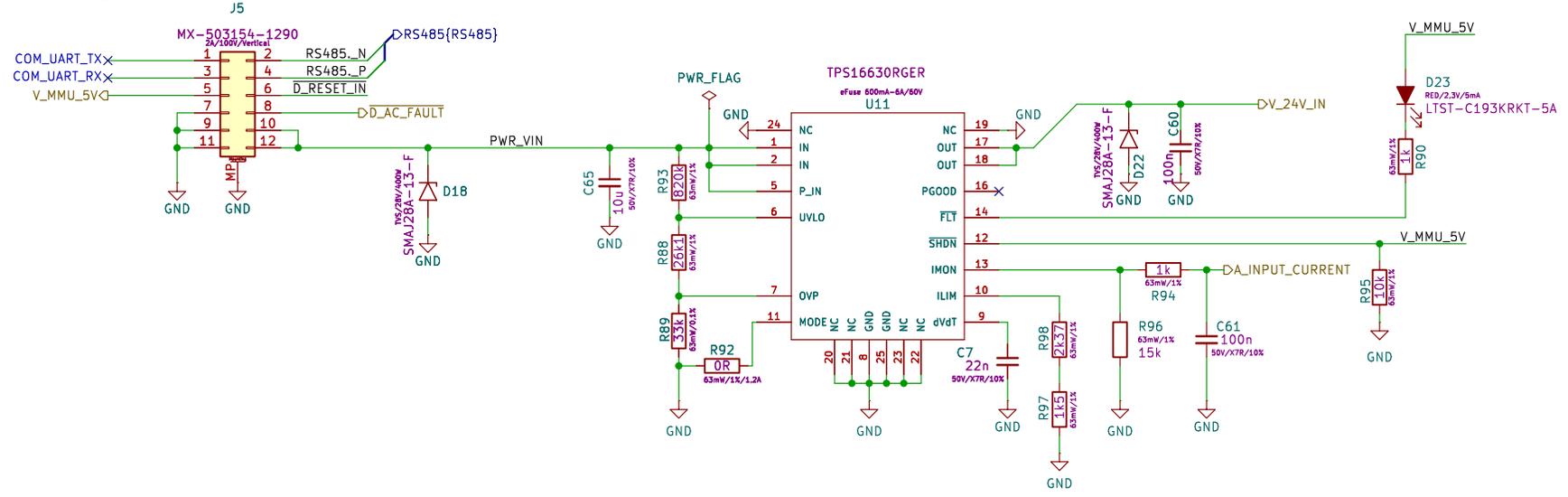
Size: A4 Date: 2024-10-06

KiCad E.D.A. 8.0.8

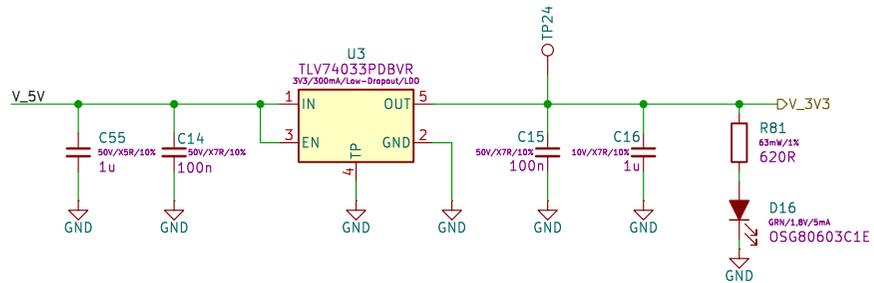
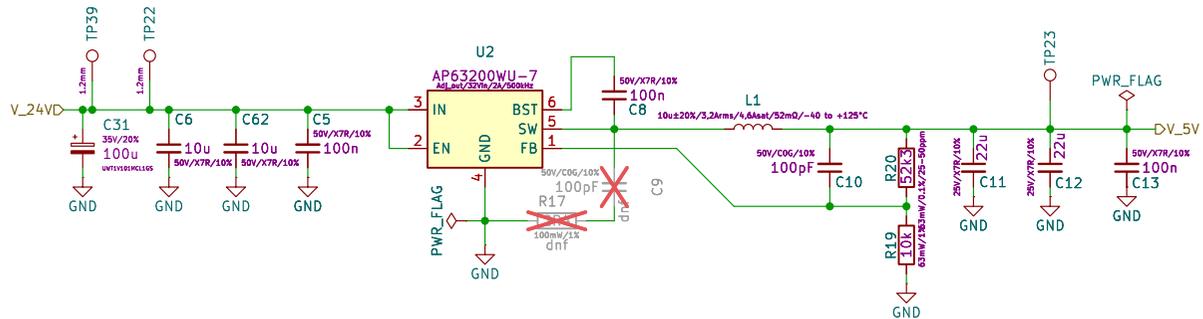
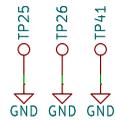
Rev: 06

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- TP13 ○ RS485_N
- TP15 ○ RS485_P
- TP27 ○ D_RESET_IN
- TP28 ○ D_AC_FAULT
- TP48 ○ PWR_VIN
- TP29 ○ PWR_VIN
- TP30 ○ V_MMU_5V
- TP46 ○ V_24V_IN
- dnf ○



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Prusa Development a.s.	
Sheet: /PARENT SYSTEM/ File: MMU_IN.kicad_sch	
Title: PCB-FDM-MK4-xBuddyExtension	
Size: A4	Date: 2024-10-06
KiCad E.D.A. 8.0.8	Rev: 06 Id: 3/15



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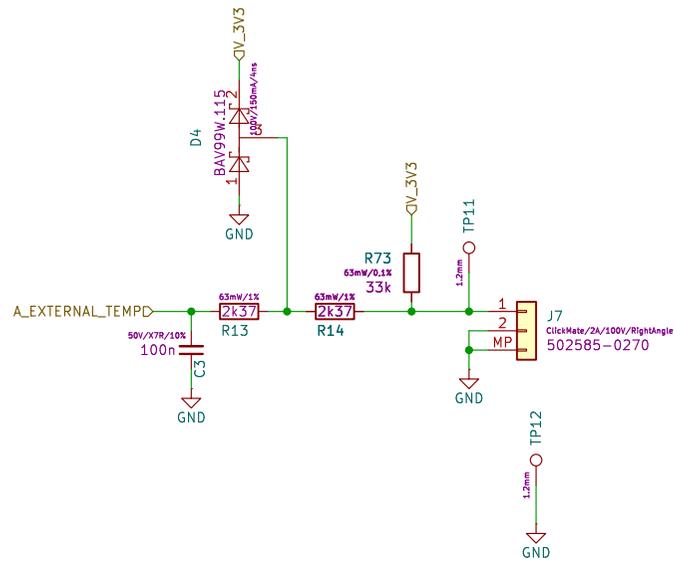
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Size: A4 Date: 2024-10-06

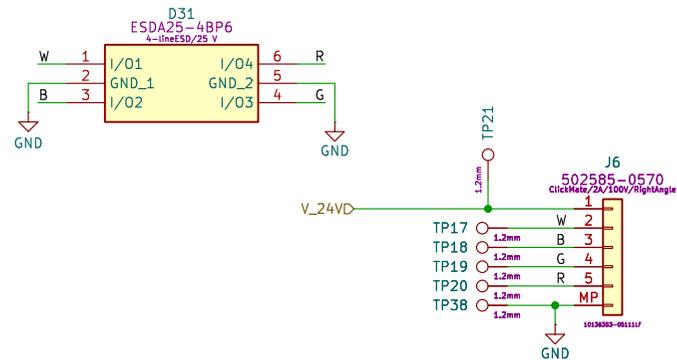
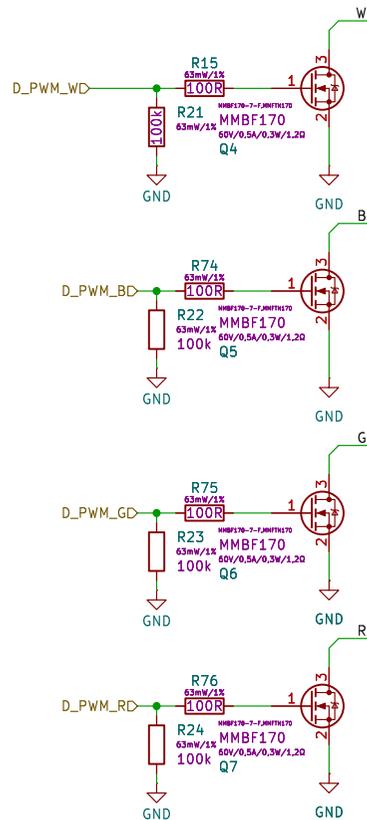
Rev: 06

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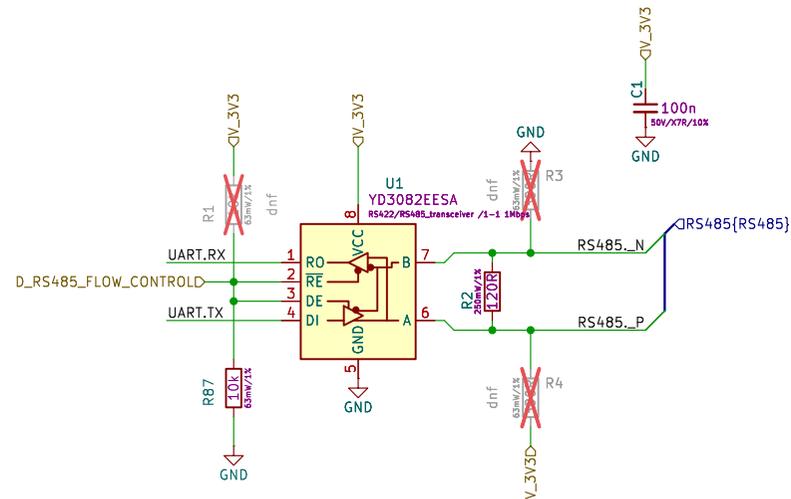
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Title: PCB-FDM-MK4-xBuddyExtension	
Size: A4	Date: 2024-10-06
KiCad E.D.A. 8.0.8	Rev: 06 Id: 5/15



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Prusa Development a.s.	
Sheet: /Enclosure LED + RGB LED/ File: enclosure-led.kicad_sch	
Title: PCB-FDM-MK4-xBuddyExtension	
Size: A4	Date: 2024-10-06
KiCad E.D.A. 8.0.8	Rev: 06 Id: 6/15

TP53 ○ UART.TX
 TP54 ○ UART.RX
 TP55 ○ D_RS485_FLOW_CONTROL

UART{UART} ○
 UART.RX
 UART.TX



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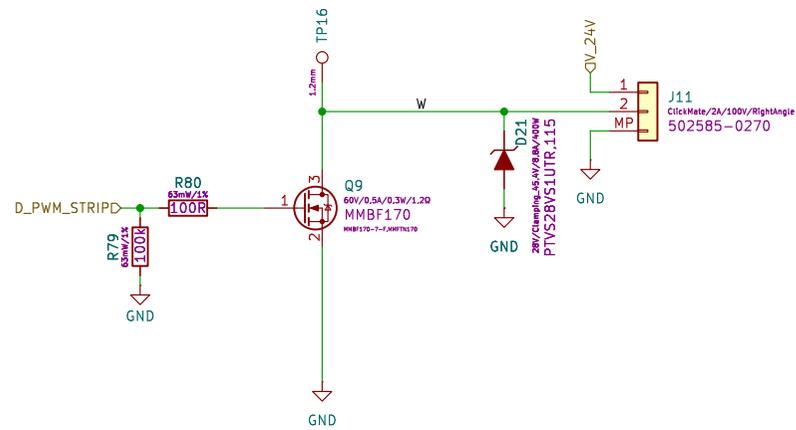
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Size: A4 Date: 2024-10-06

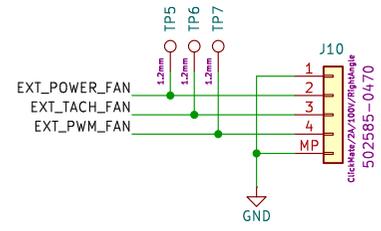
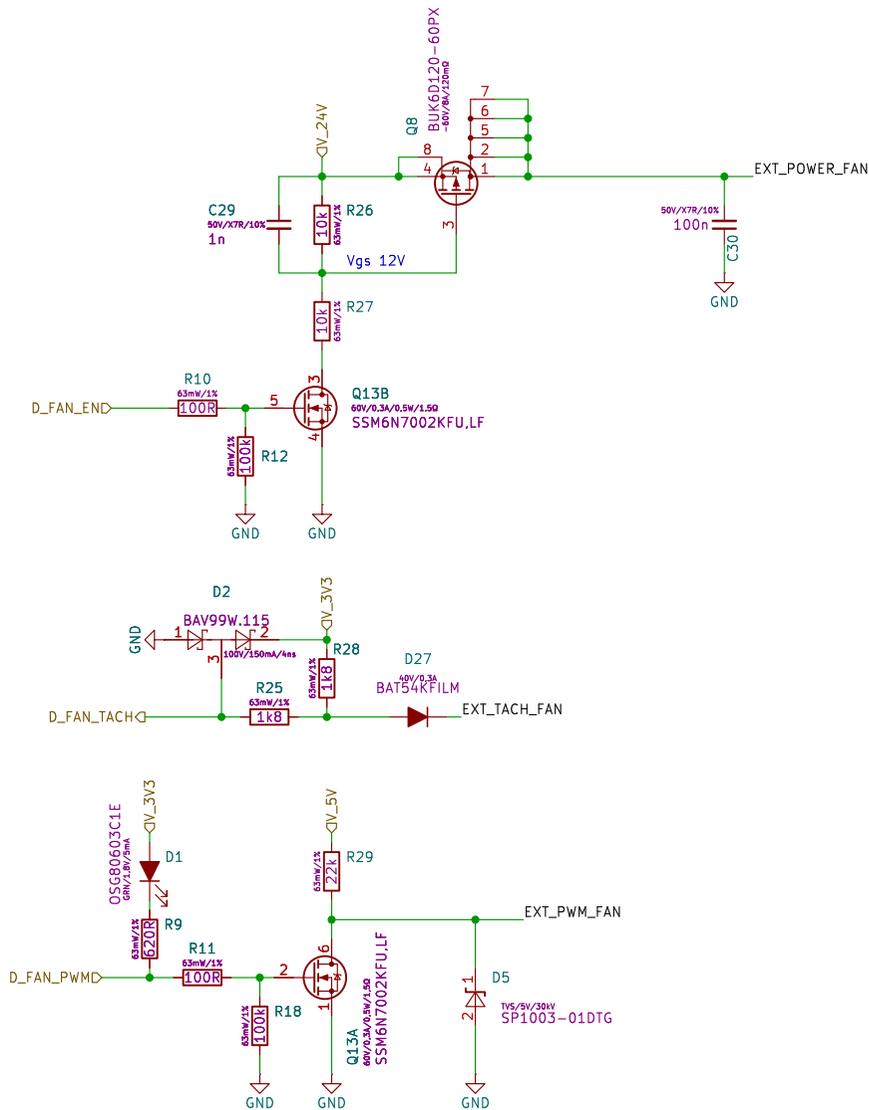
Rev: 06

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Id: 7/15

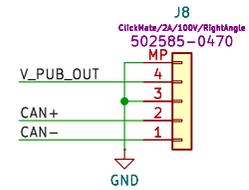
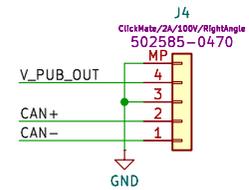
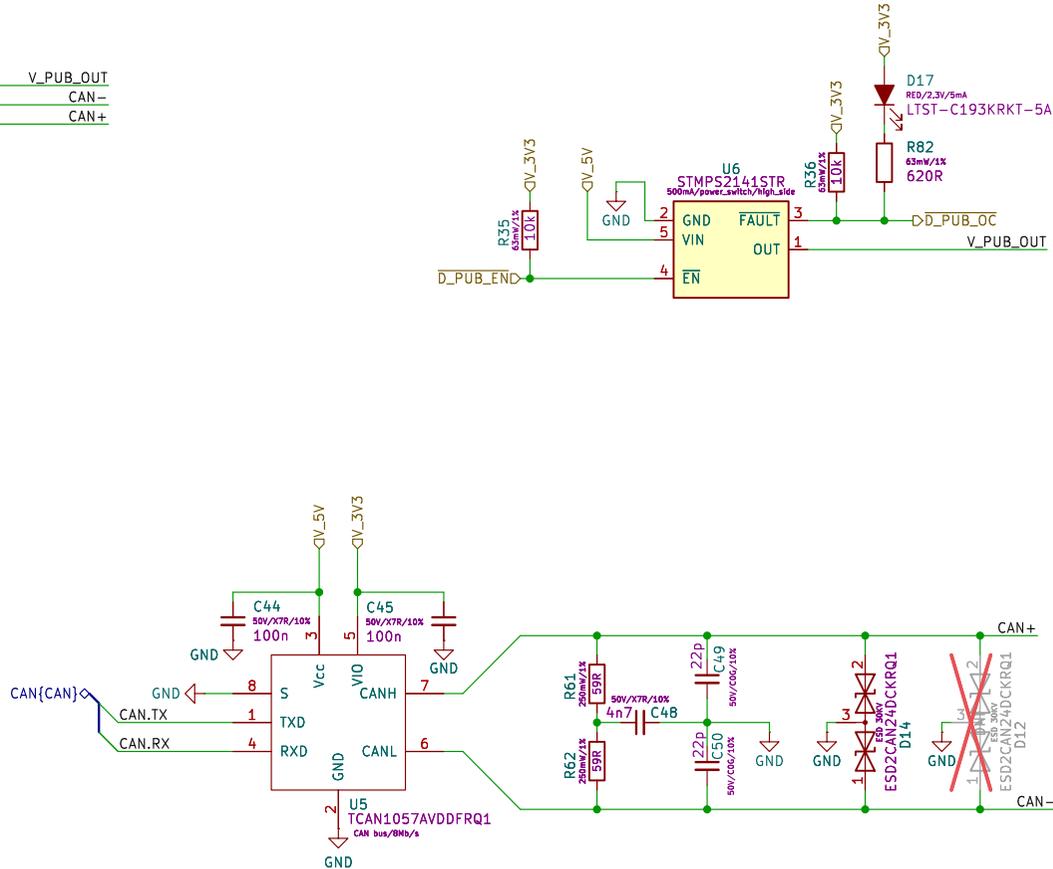


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Prusa Development a.s.	
Sheet: /WLED/ File: WLED.kicad_sch	
Title: PCB-FDM-MK4-xBuddyExtension	
Size: A4	Date: 2024-10-06
KiCad E.D.A. 8.0.8	Rev: 06 Id: 9/15



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Prusa Development a.s.	
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Title: PCB-FDM-MK4-xBuddyExtension	
Size: A4	Date: 2024-10-06
KiCad E.D.A. 8.0.8	Rev: 06 Id: 10/15

TP31 ○ V_PUB_OUT
 TP32 ○ CAN-
 TP40 ○ CAN+



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Prusa Development a.s.

Sheet: /PRUSA UNIVERSAL BUS CAN/
 File: can.kicad_sch

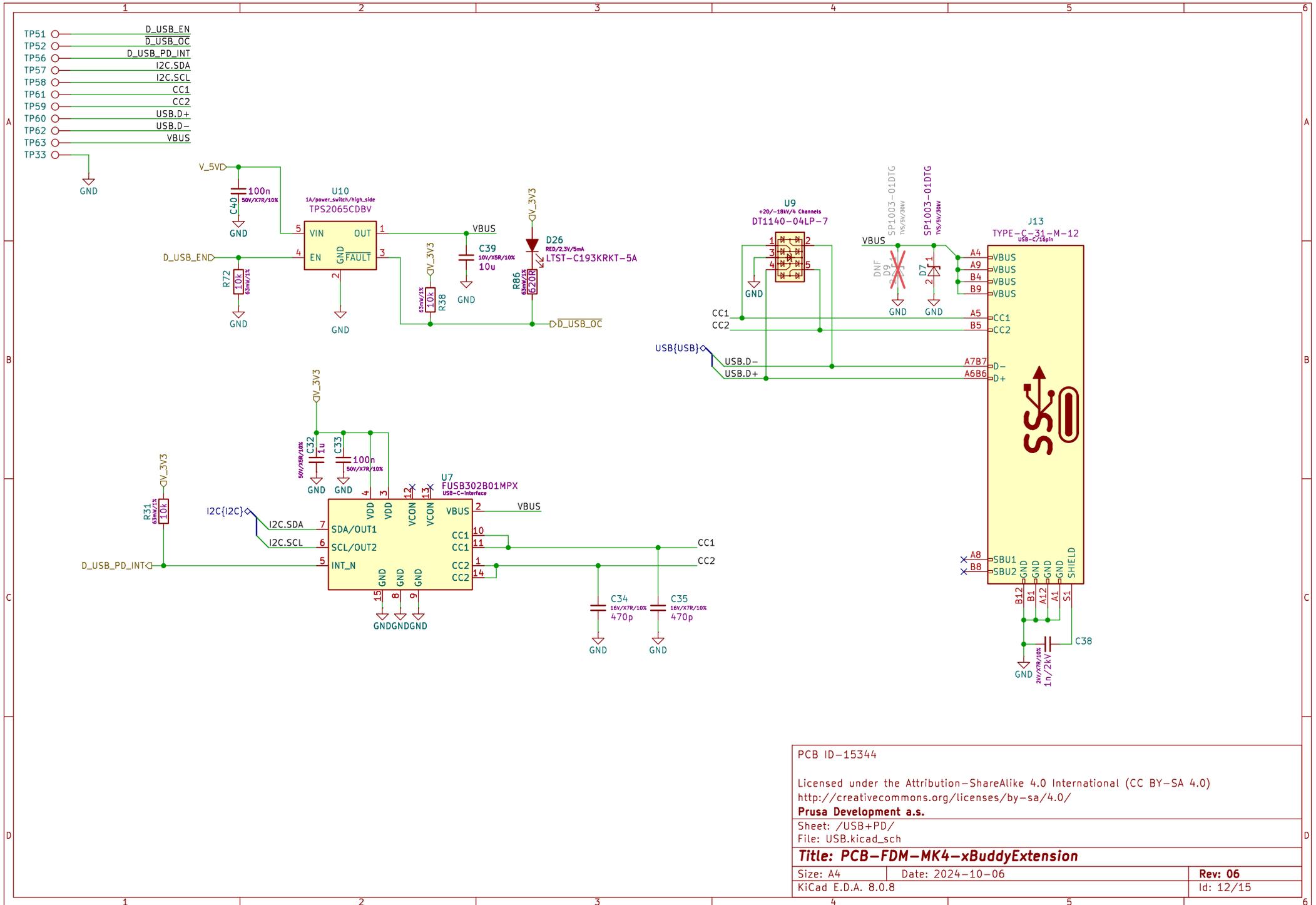
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Size: A4 Date: 2024-10-06

KiCad E.D.A. 8.0.8

Rev: 06

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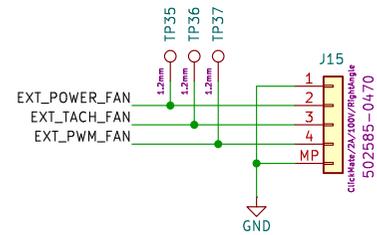
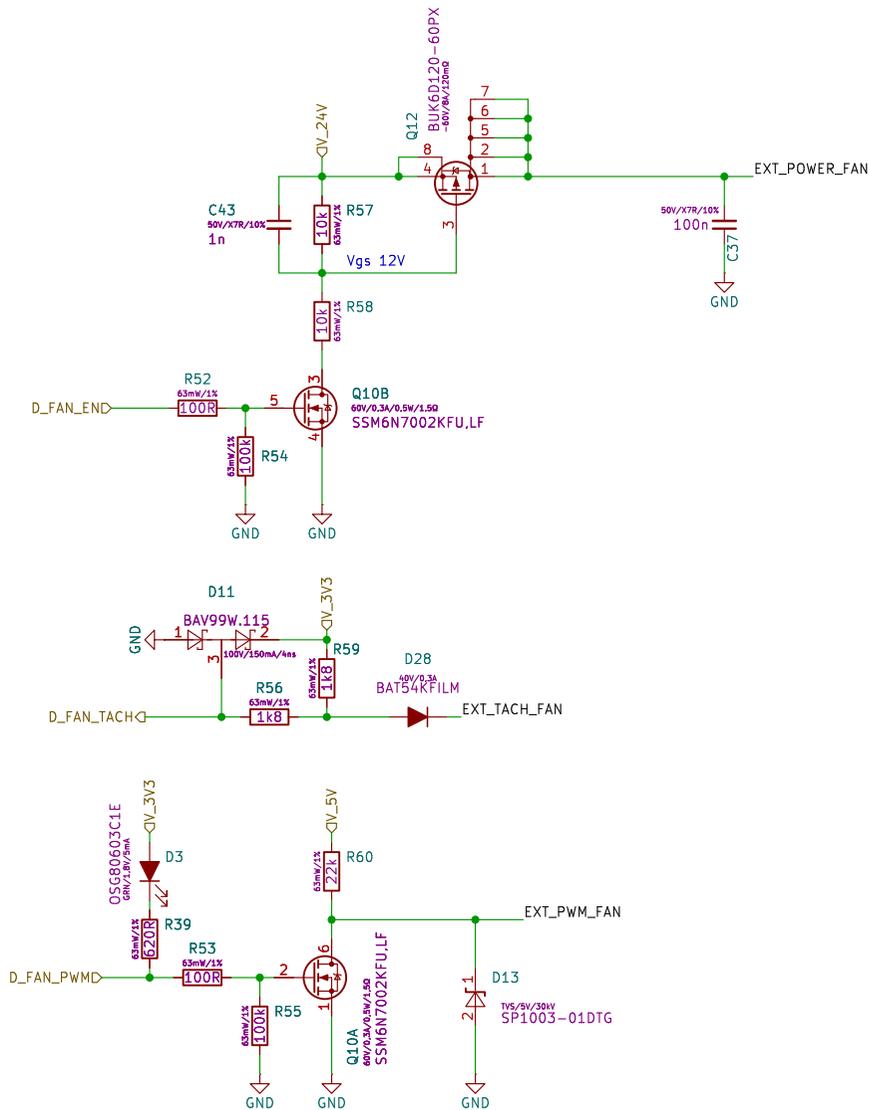
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Size: A4 Date: 2024-10-06

Rev: 06

KiCad E.D.A. 8.0.8

Id: 12/15



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Sheet: /Fan3/
 File: fan.kicad_sch

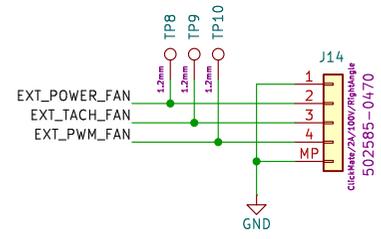
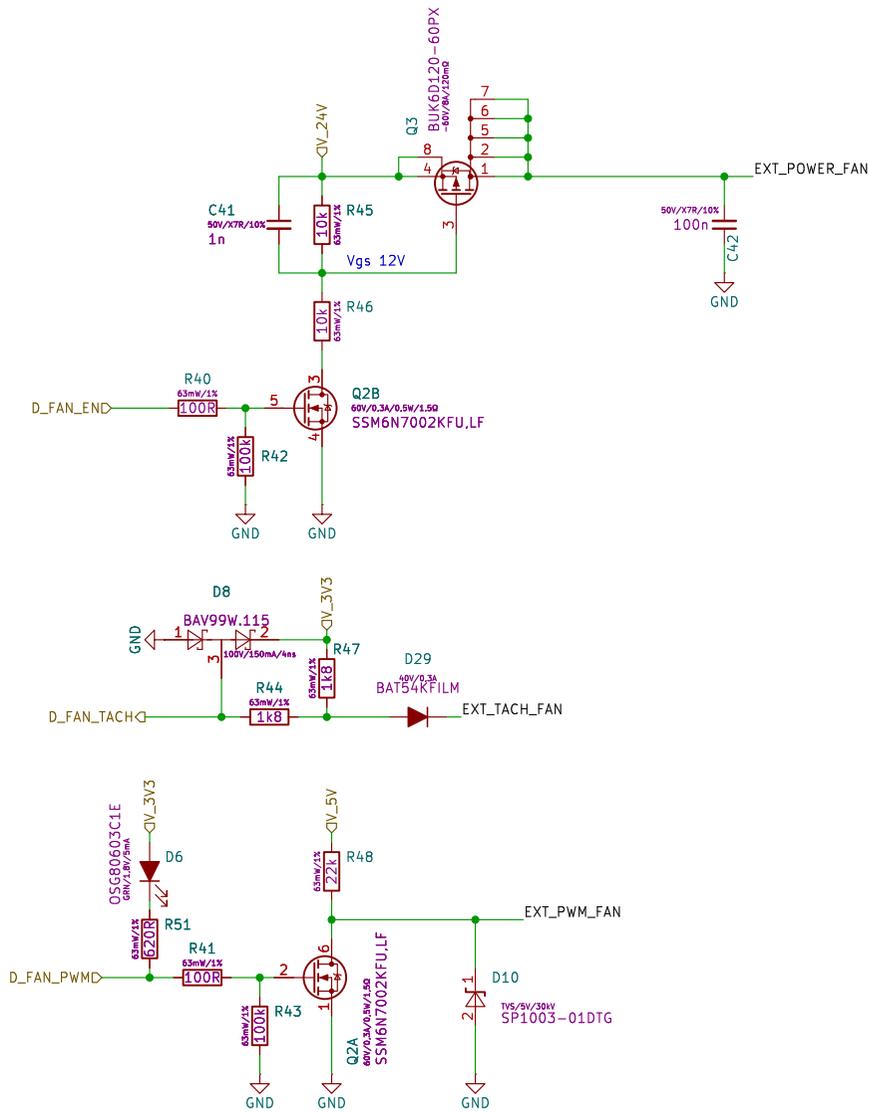
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Size: A4 Date: 2024-10-06

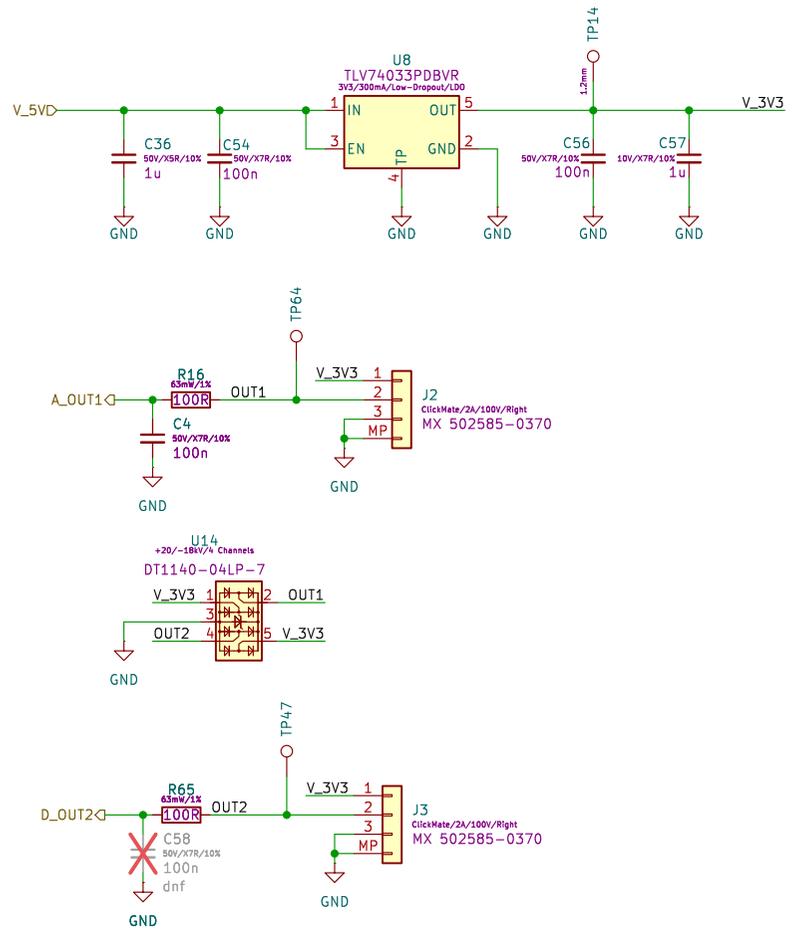
Rev: 06

KiCad E.D.A. 8.0.8

Id: 13/15

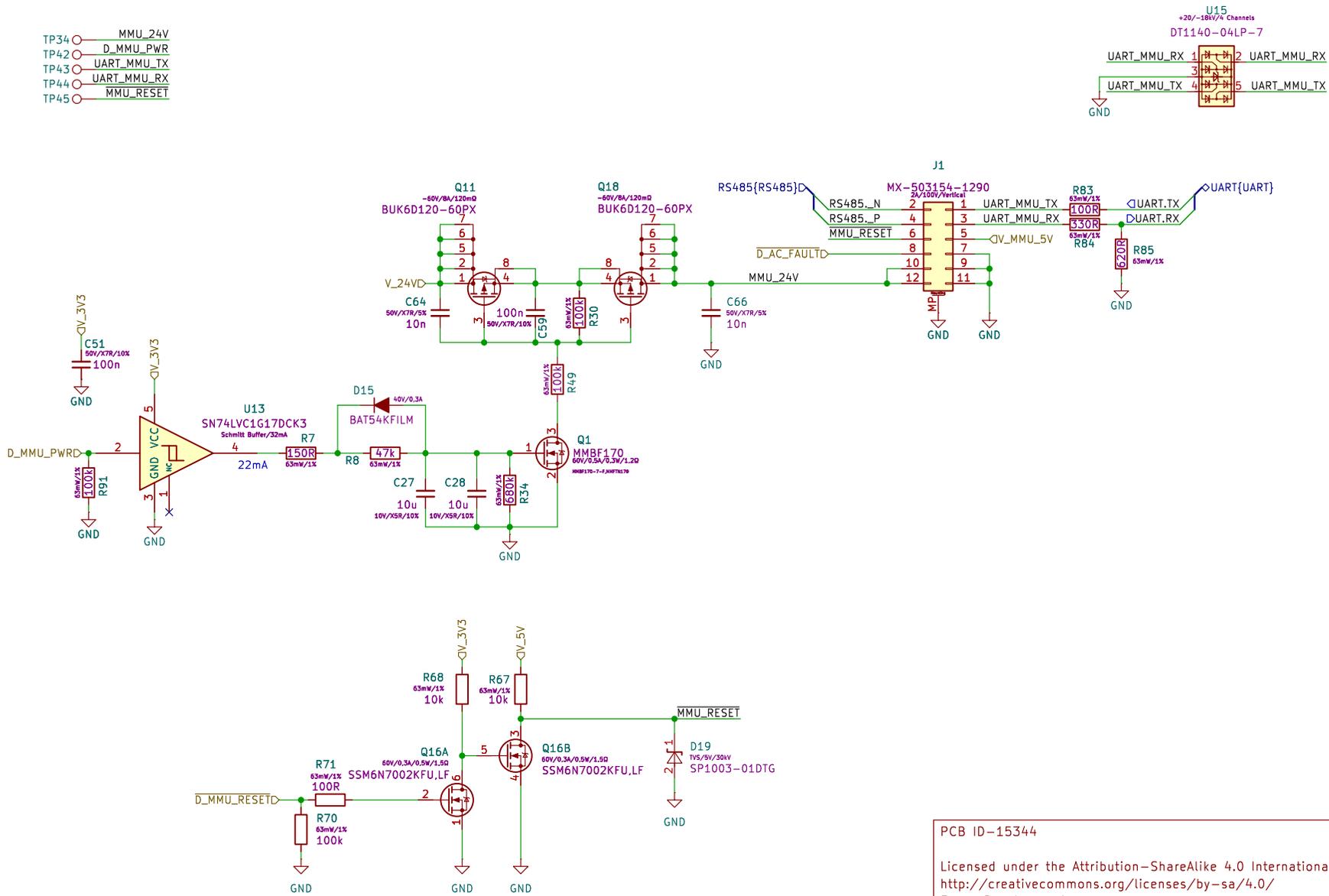


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Prusa Development a.s.	
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Title: PCB-FDM-MK4-xBuddyExtension	
Size: A4	Date: 2024-10-06
KiCad E.D.A. 8.0.8	Rev: 06 Id: 14/15



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Title: PCB-FDM-MK4-xBuddyExtension	
Size: A4	Date: 2024-10-06
KiCad E.D.A. 8.0.8	Rev: 06 Id: 15/15

- TP34 ○ MMU_24V
- TP42 ○ D_MMU_PWR
- TP43 ○ UART_MMU_TX
- TP44 ○ UART_MMU_RX
- TP45 ○ MMU_RESET



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Prusa Development a.s.	
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Size: A4	Date: 2024-10-06
KiCad E.D.A. 8.0.8	Rev: 06 Id: 17/15