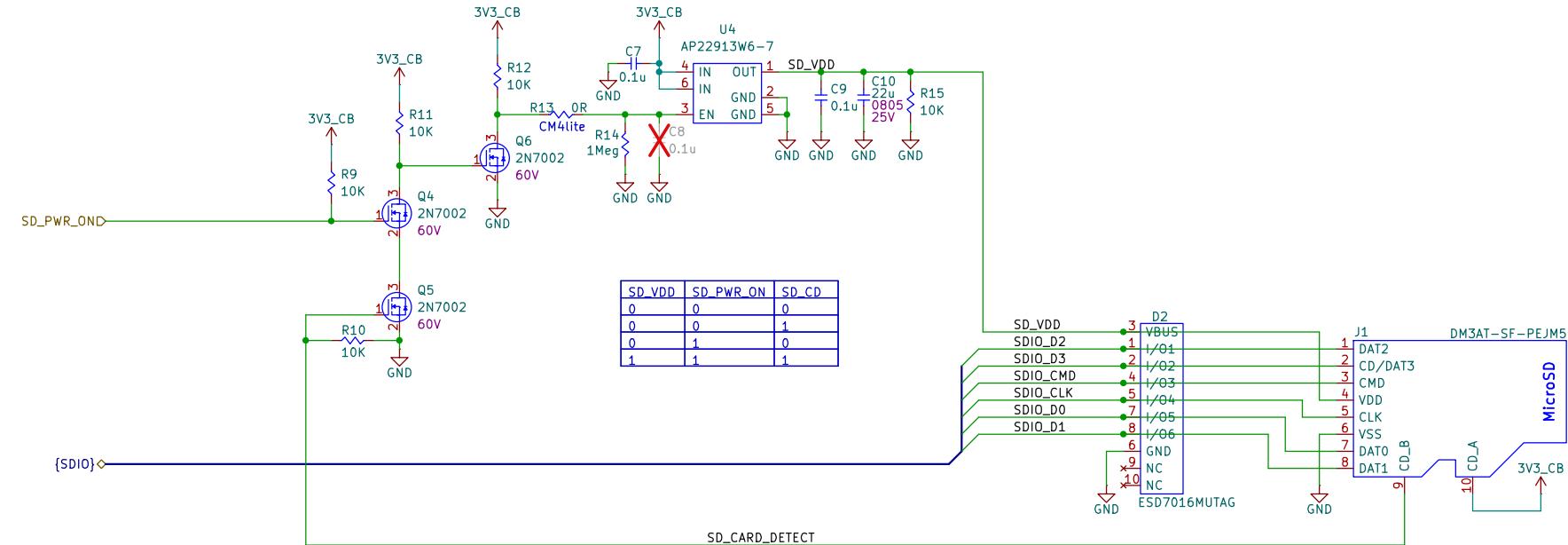


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| SD_VDD | SD_PWR_ON | SD_CD |
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| 0 | 0 | 0 |
| 0 | 0 | 1 |
| 0 | 1 | 0 |
| 1 | 1 | 1 |

C

Resistors are 1% 1/16W 0402 unless otherwise noted
Capacitors are 10% 50V X7R 0402 unless otherwise noted

| Revision | Change Order |
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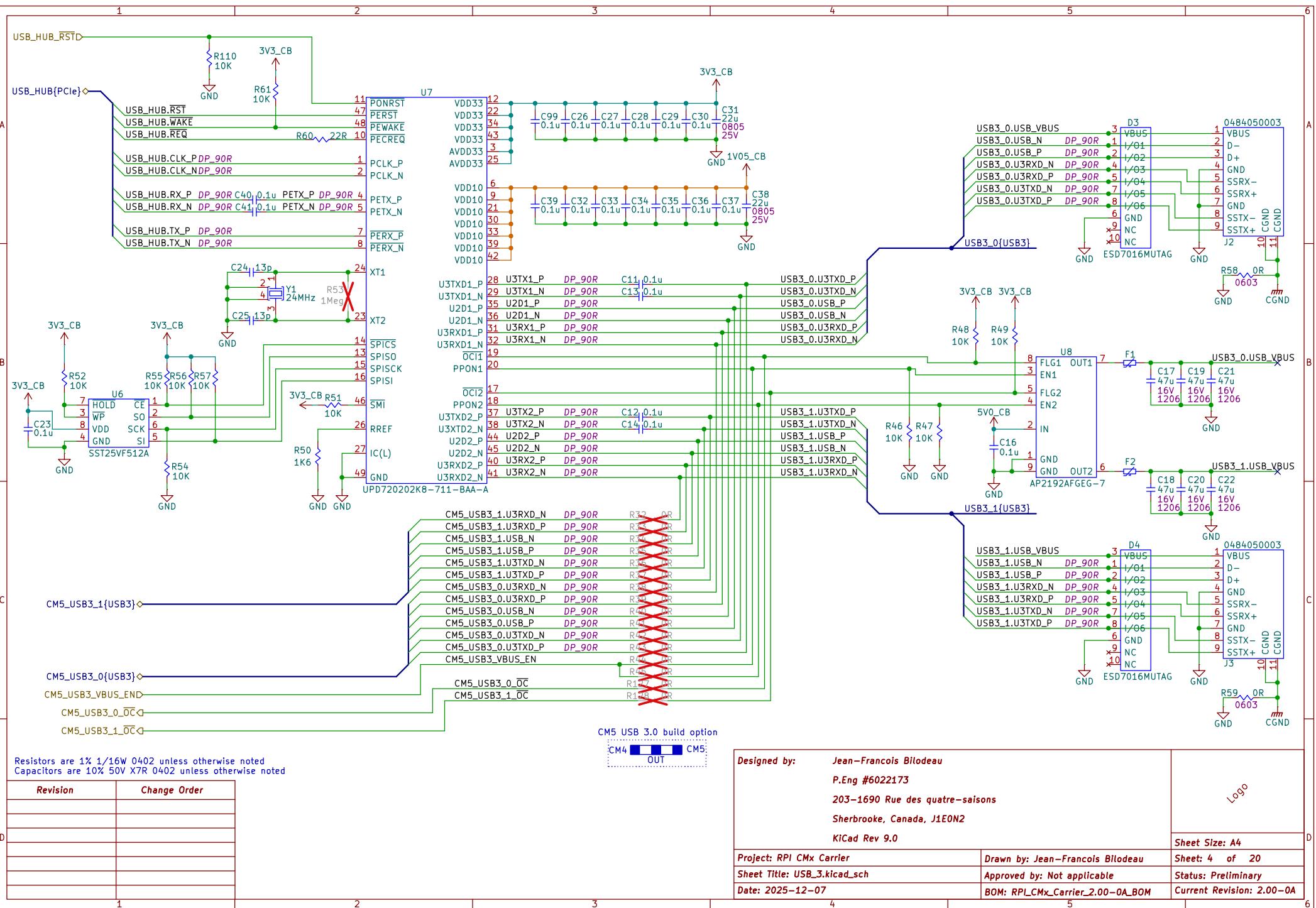
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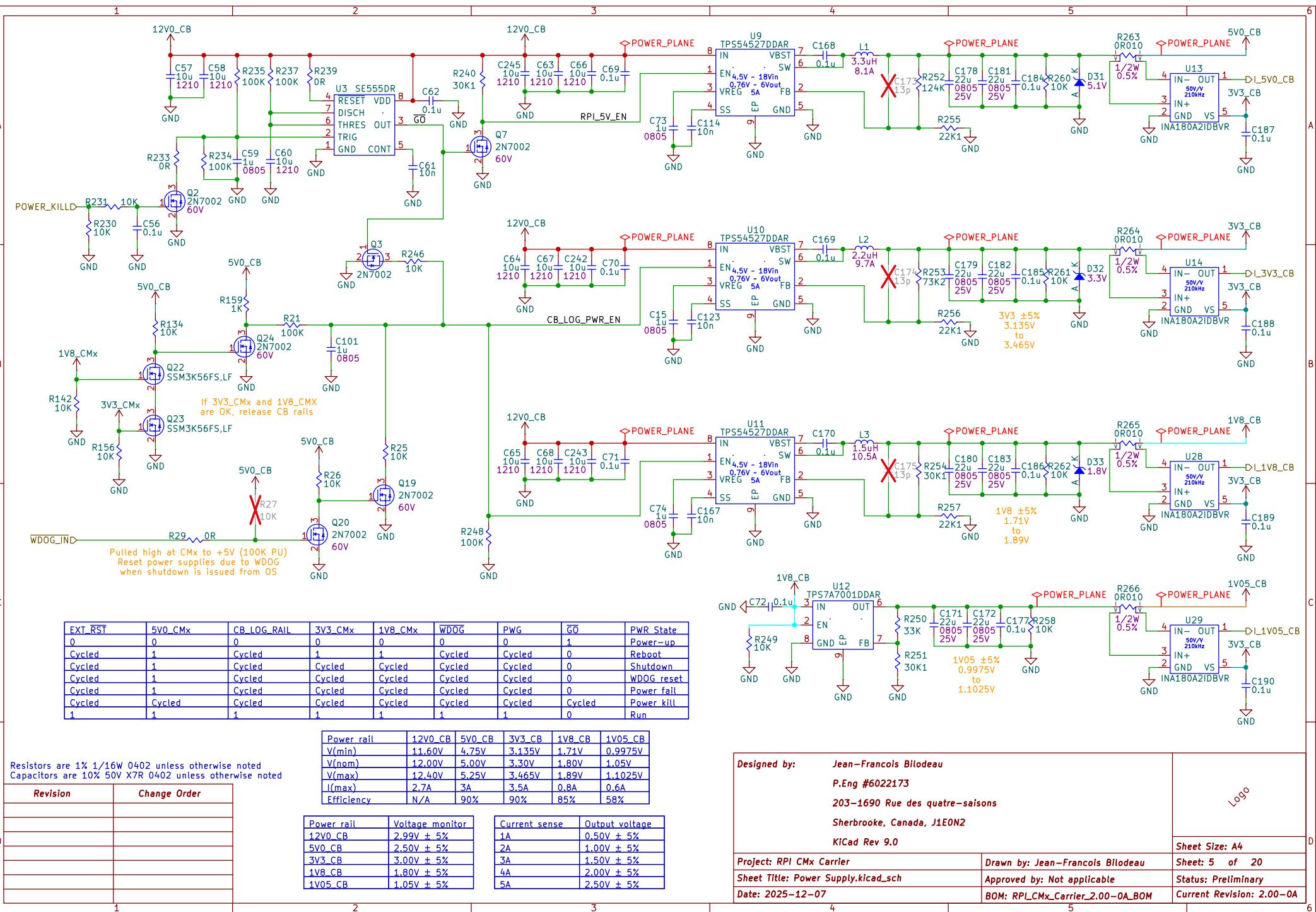
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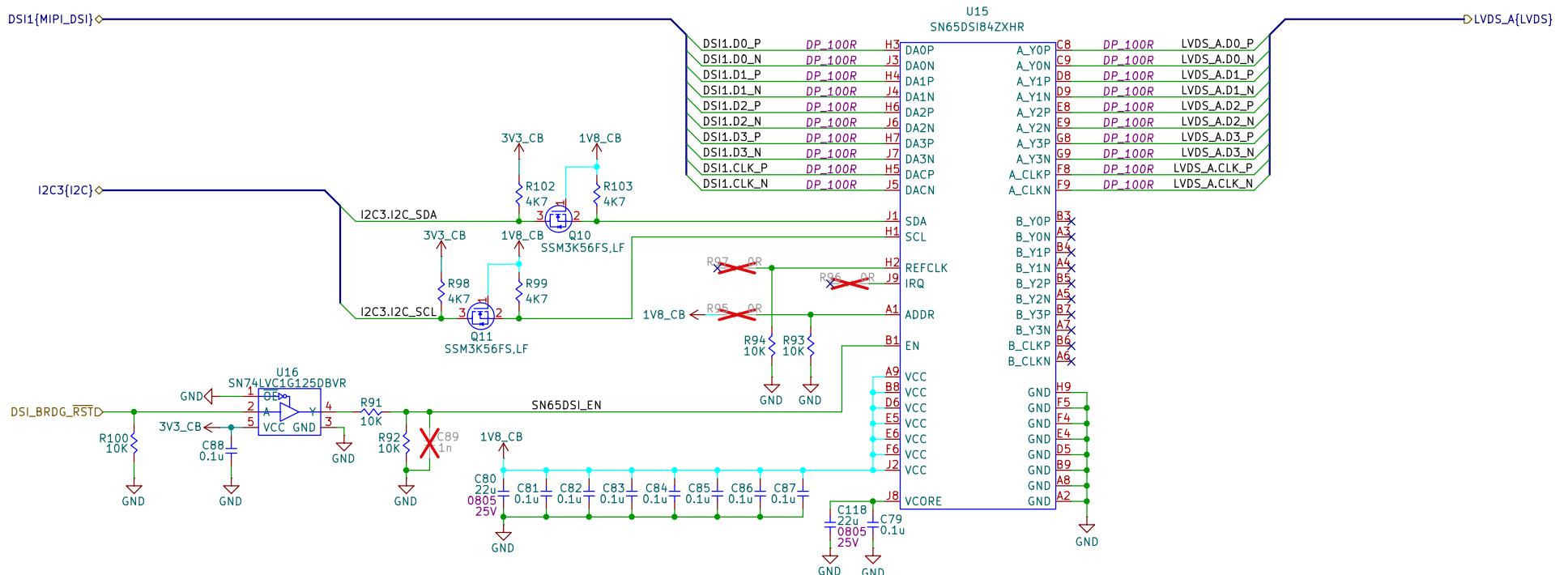
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P.Eng #6022173
203-1690 Rue des quatre-saisons
Sherbrooke, Canada, J1EON2
KiCad Rev 9.0

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|--------------------------------|----------------------------------|---------------------------|
| Project: RPI CMx Carrier | Drawn by: Jean-Francois Bilodeau | Sheet: 3 of 20 |
| Sheet Title: SD_CARD.kicad_sch | Approved by: Not applicable | Status: Preliminary |
| Date: 2025-12-07 | BOM: RPL_CMx_Carrier_2.00-0A_BOM | Current Revision: 2.00-0A |

Logo







Resistors are 1% 1/16W 0402 unless otherwise noted
Capacitors are 10% 50V X7R 0402 unless otherwise noted

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203-1690 Rue des quatre-saisons
Sherbrooke, Canada, J1EON2*

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| KiCad Rev 9.0 | | Sheet Size: A4 |
| Project: RPI CMx Carrier | Drawn by: Jean-Francois Bilodeau | Sheet: 6 of 20 |
| Sheet Title: DSL_LVDS_bridge.kicad_sch | Approved by: Not applicable | Status: Preliminary |
| Date: 2025-12-07 | BOM: RPI_CMx_Carrier_2.00-0A_BOM | Current Revision: 2.00-0A |

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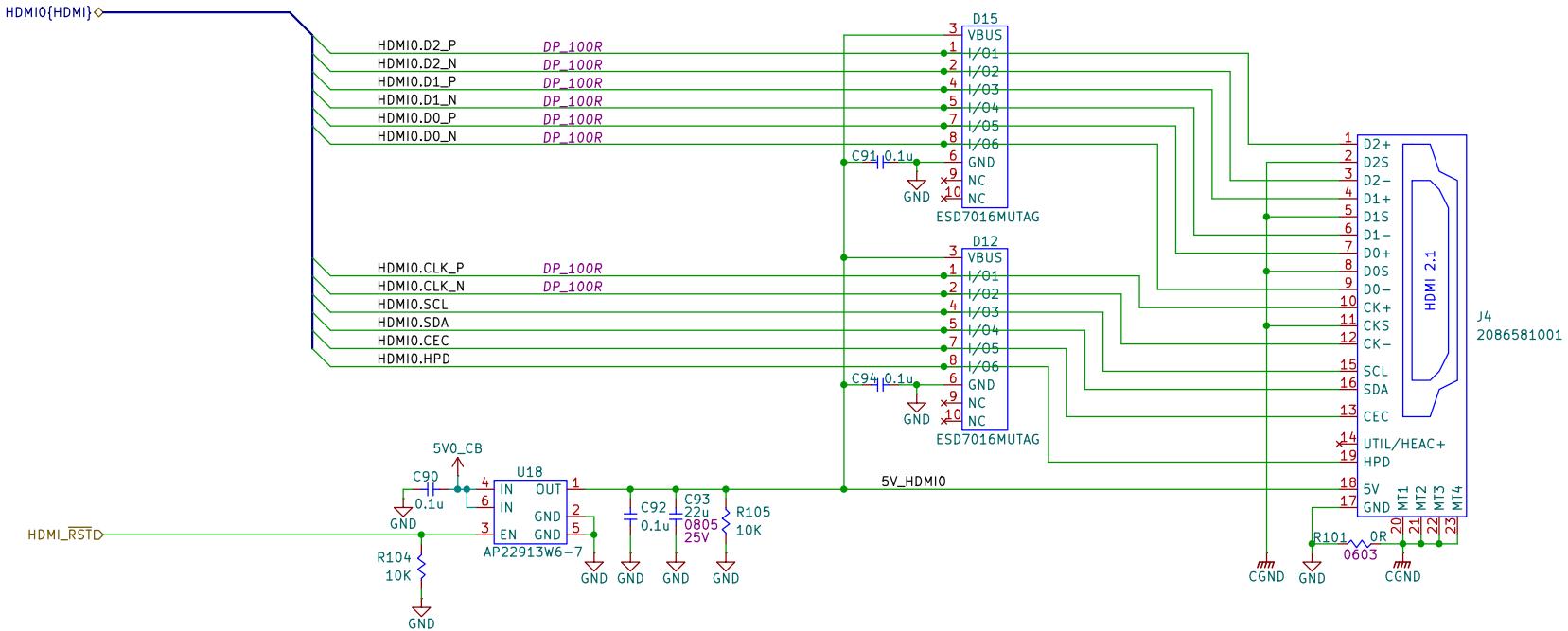
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Resistors are 1% 1/16W 0402 unless otherwise noted
Capacitors are 10% 50V X7R 0402 unless otherwise noted

| Revision | Change Order |
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|-----------------------------|----------------------------------|---------------------------|
| Project: RPI CMx Carrier | Drawn by: Jean-Francois Bilodeau | Sheet: 7 of 20 |
| Sheet Title: HDMI.kicad_sch | Approved by: Not applicable | Status: Preliminary |
| Date: 2025-12-07 | BOM: RPL_CMx_Carrier_2.00-0A_BOM | Current Revision: 2.00-0A |

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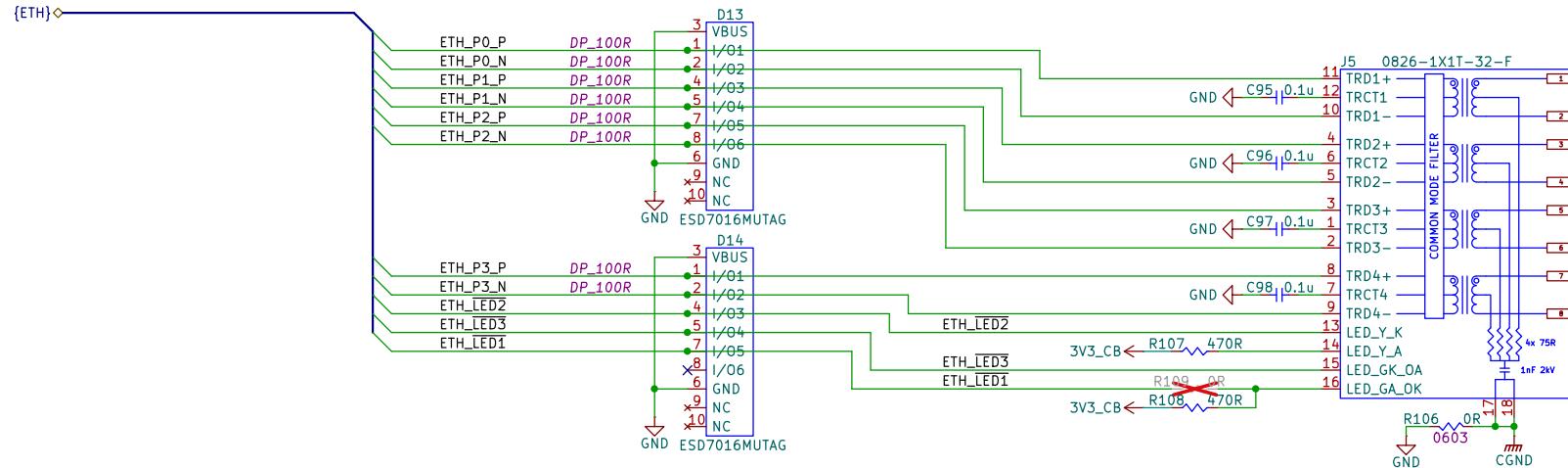
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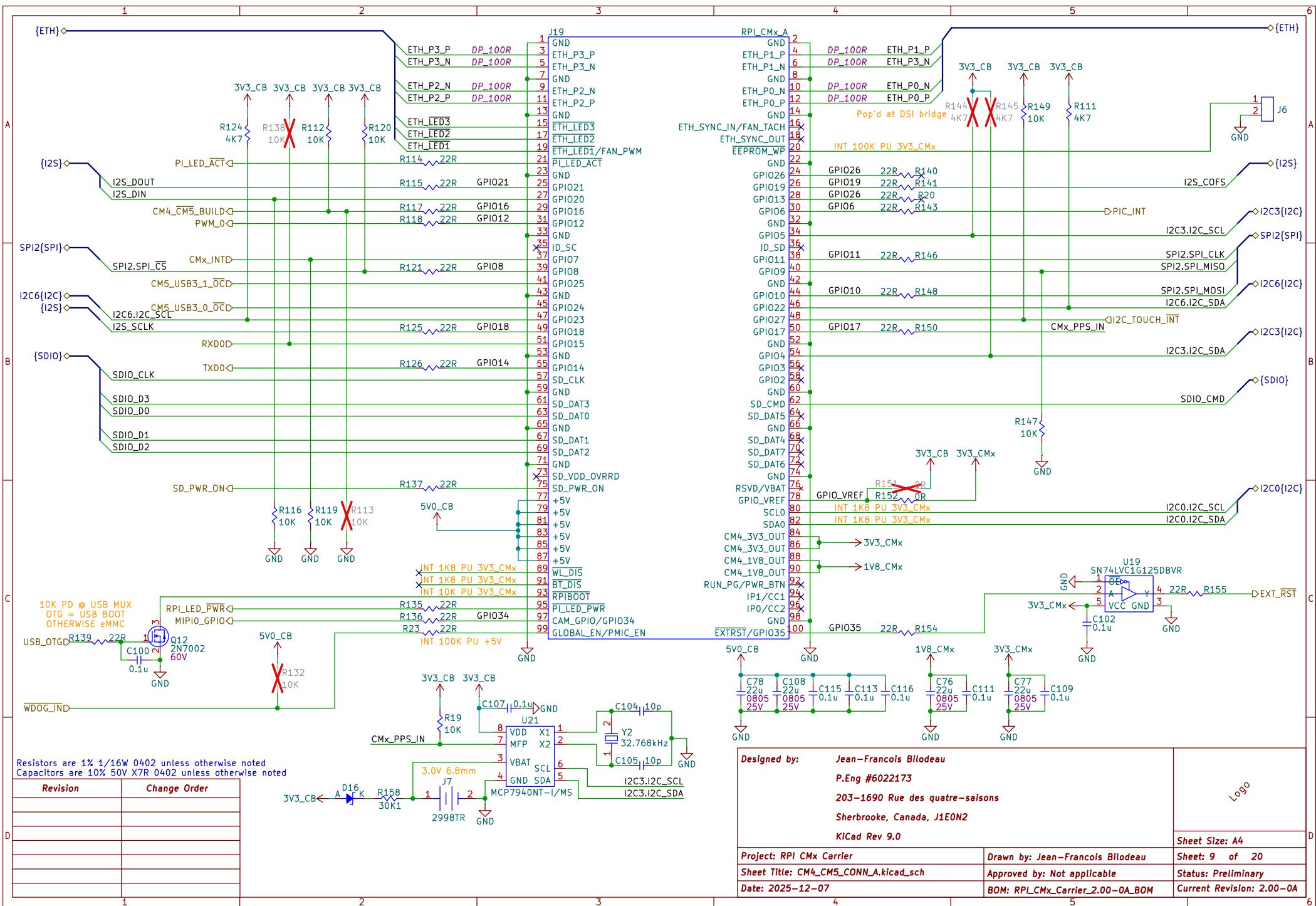
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Capacitors are 10% 50V X7R 0402 unless otherwise noted

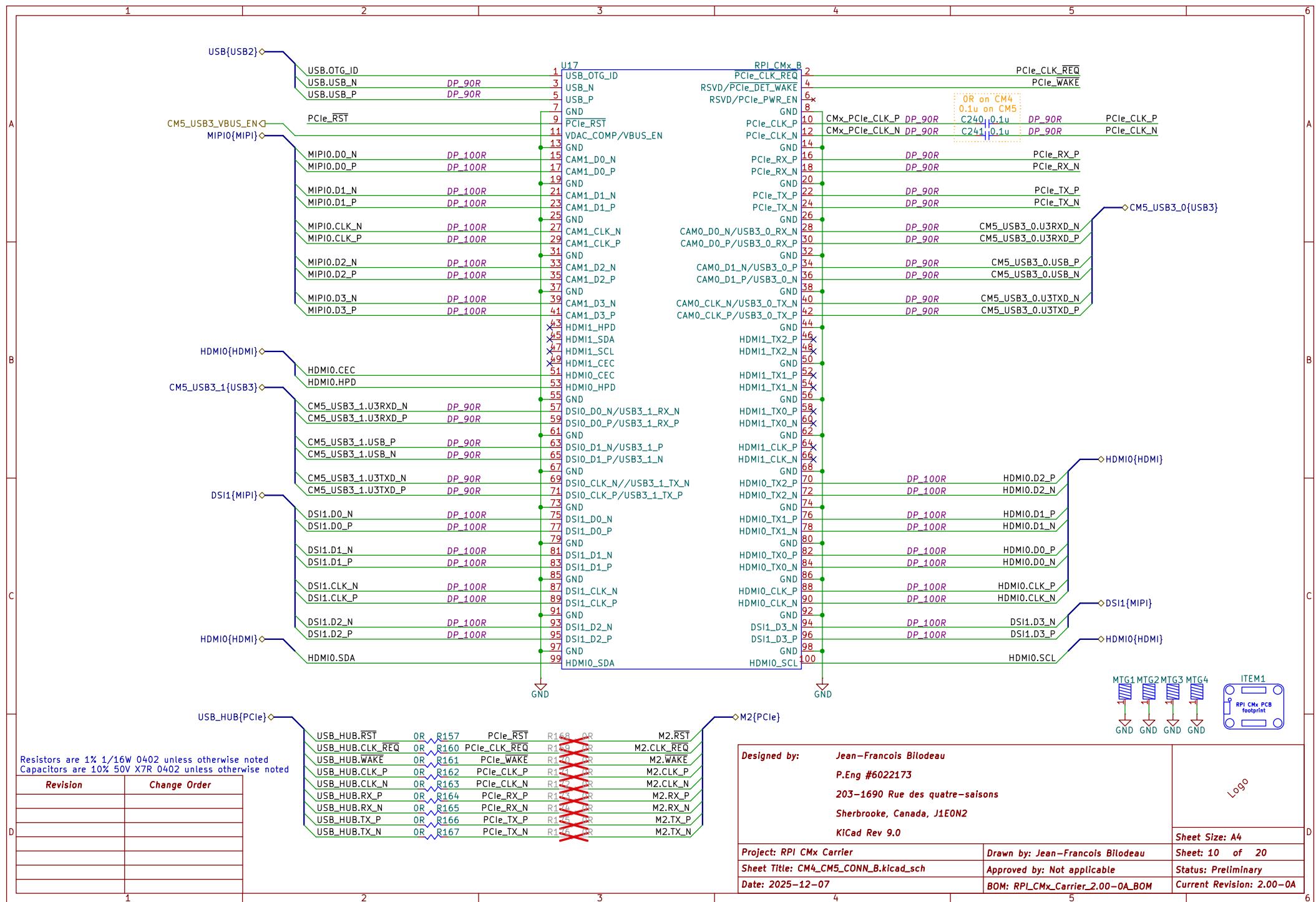
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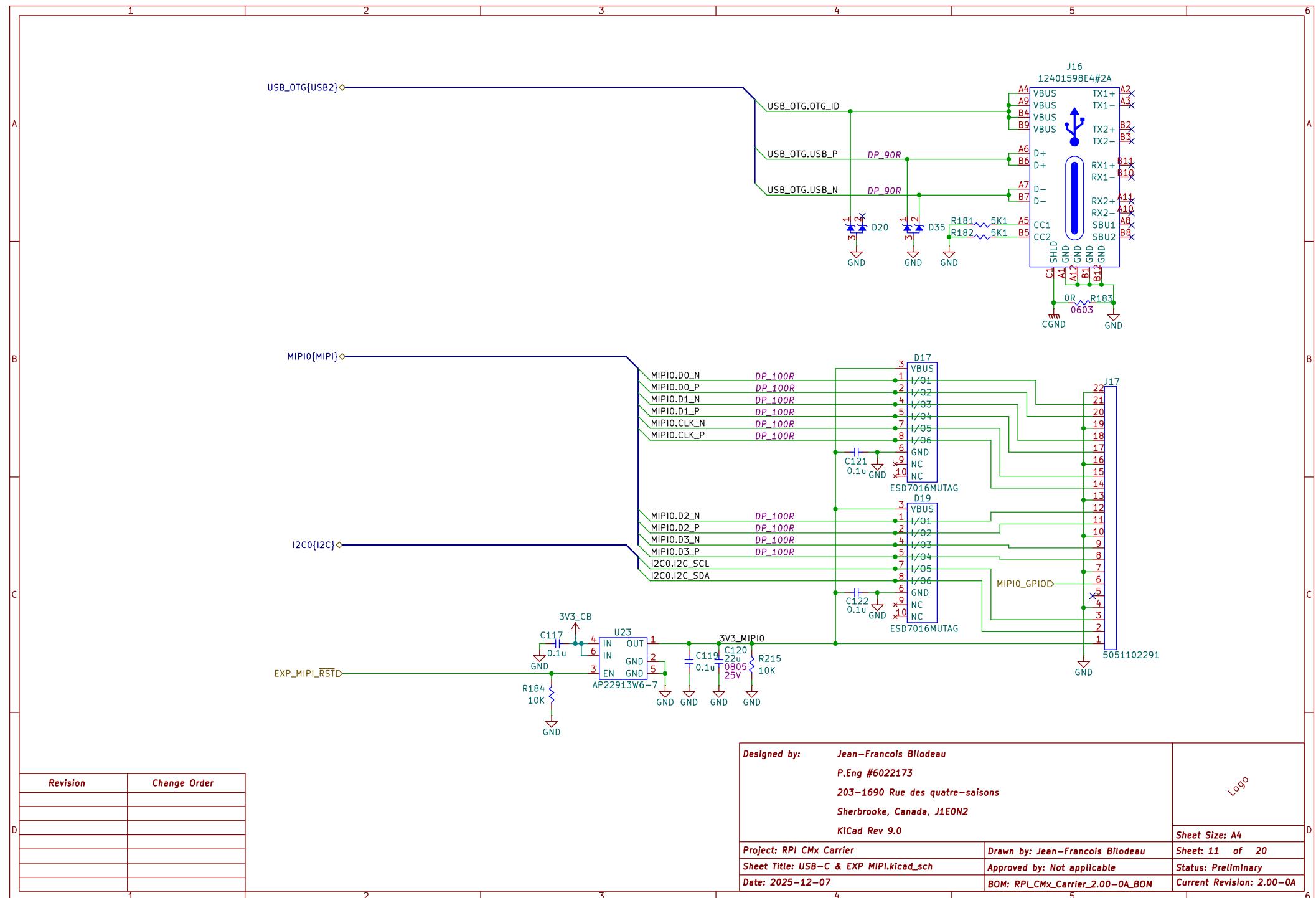
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| Project: RPI CMx Carrier | Drawn by: Jean-Francois Bilodeau | Sheet: 8 of 20 |
| Sheet Title: Ethernet.kicad_sch | Approved by: Not applicable | Status: Preliminary |
| Date: 2025-12-07 | BOM: RPLCMxCarrier_2.00-0A_BOM | Current Revision: 2.00-0A |

Logo







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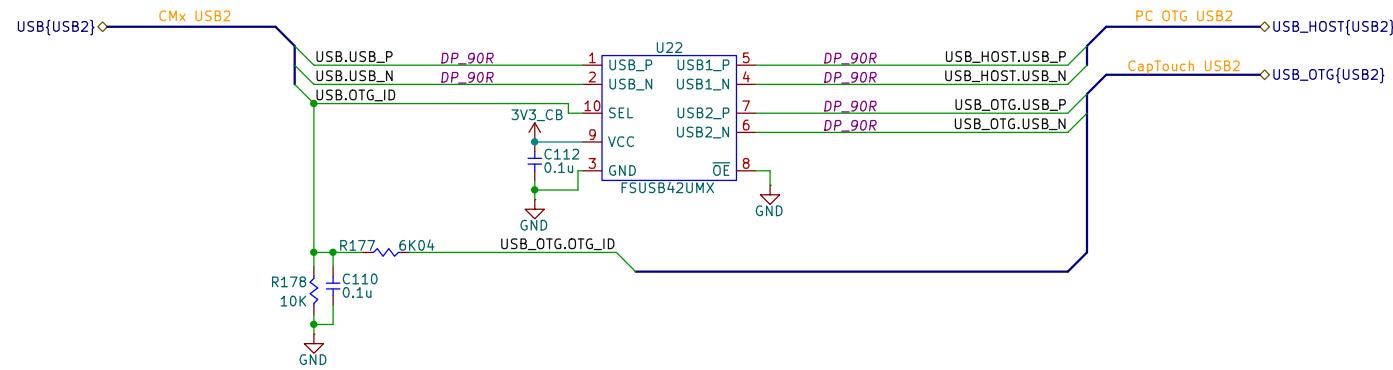
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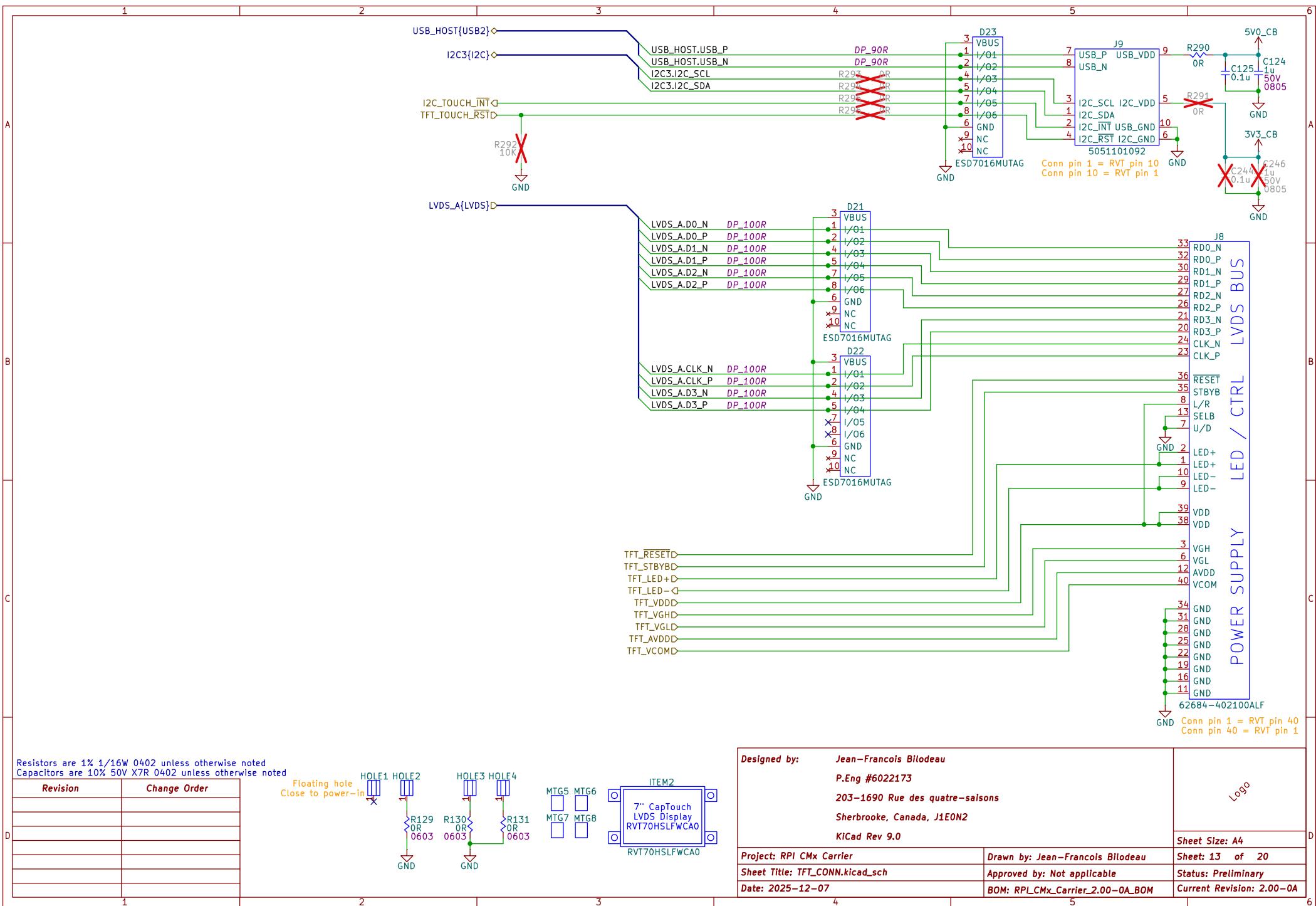
Resistors are 1% 1/16W 0402 unless otherwise noted
Capacitors are 10% 50V X7R 0402 unless otherwise noted

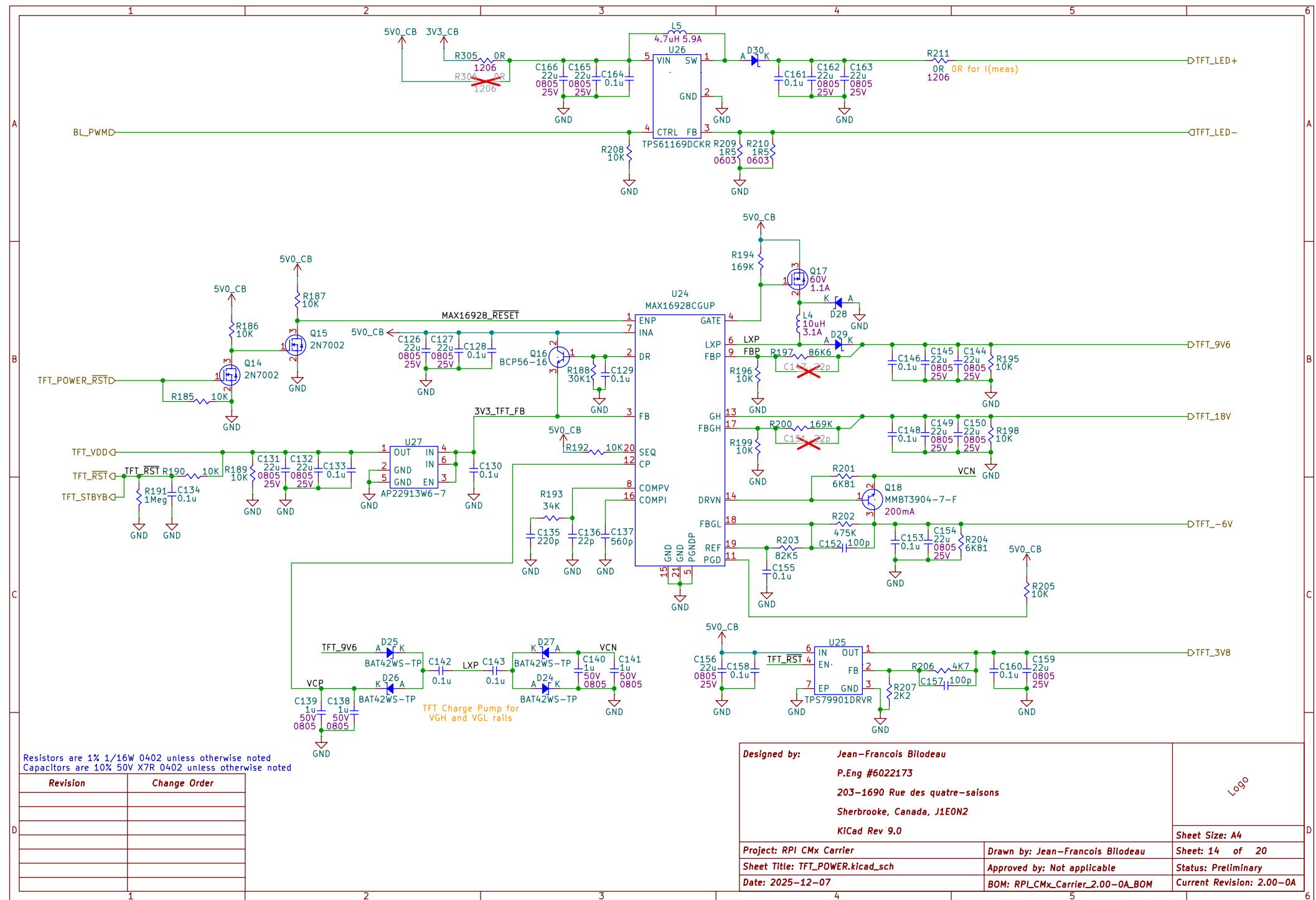
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| Project: RPI CMx Carrier | Drawn by: Jean-Francois Bilodeau | Sheet: 12 of 20 |
| Sheet Title: USB_MUX.kicad_sch | Approved by: Not applicable | Status: Preliminary |
| Date: 2025-12-07 | BOM: RPI_CMx_Carrier_2.00-0A_BOM | Current Revision: 2.00-0A |

Logo





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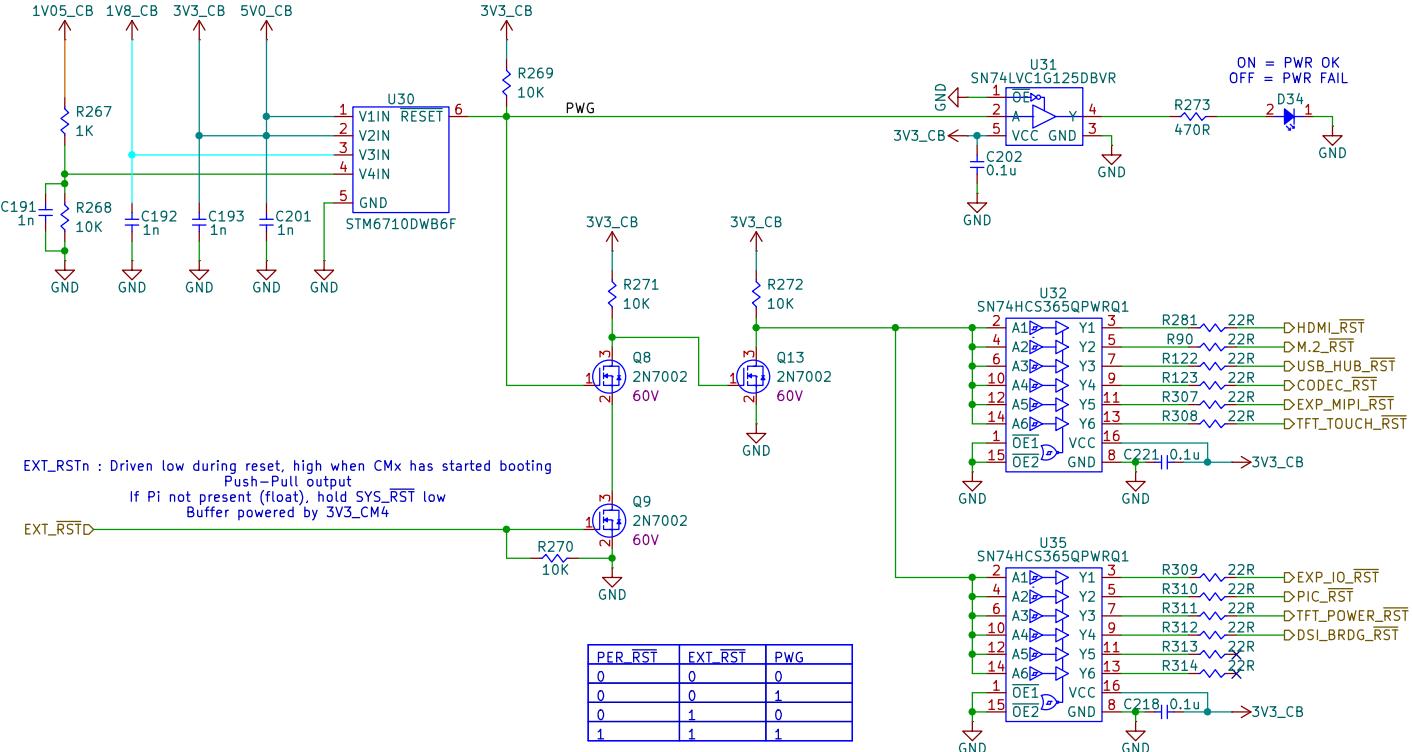
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Resistors are 1% 1/16W 0402 unless otherwise noted
Capacitors are 10% 50V X7R 0402 unless otherwise noted

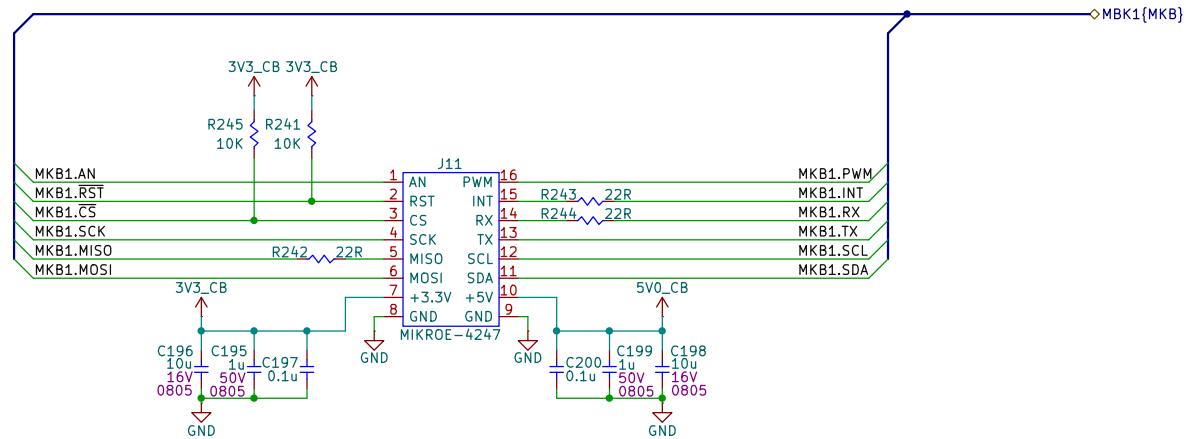
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| Project: RPI CMx Carrier | Drawn by: Jean-Francois Bilodeau | Sheet: 15 of 20 |
| Sheet Title: RESET_SUPERVISOR.kicad_sch | Approved by: Not applicable | Status: Preliminary |
| Date: 2025-12-07 | BOM: RPI_CMx_Carrier_2.00-0A_BOM | Current Revision: 2.00-0A |

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Sheet Size: A4



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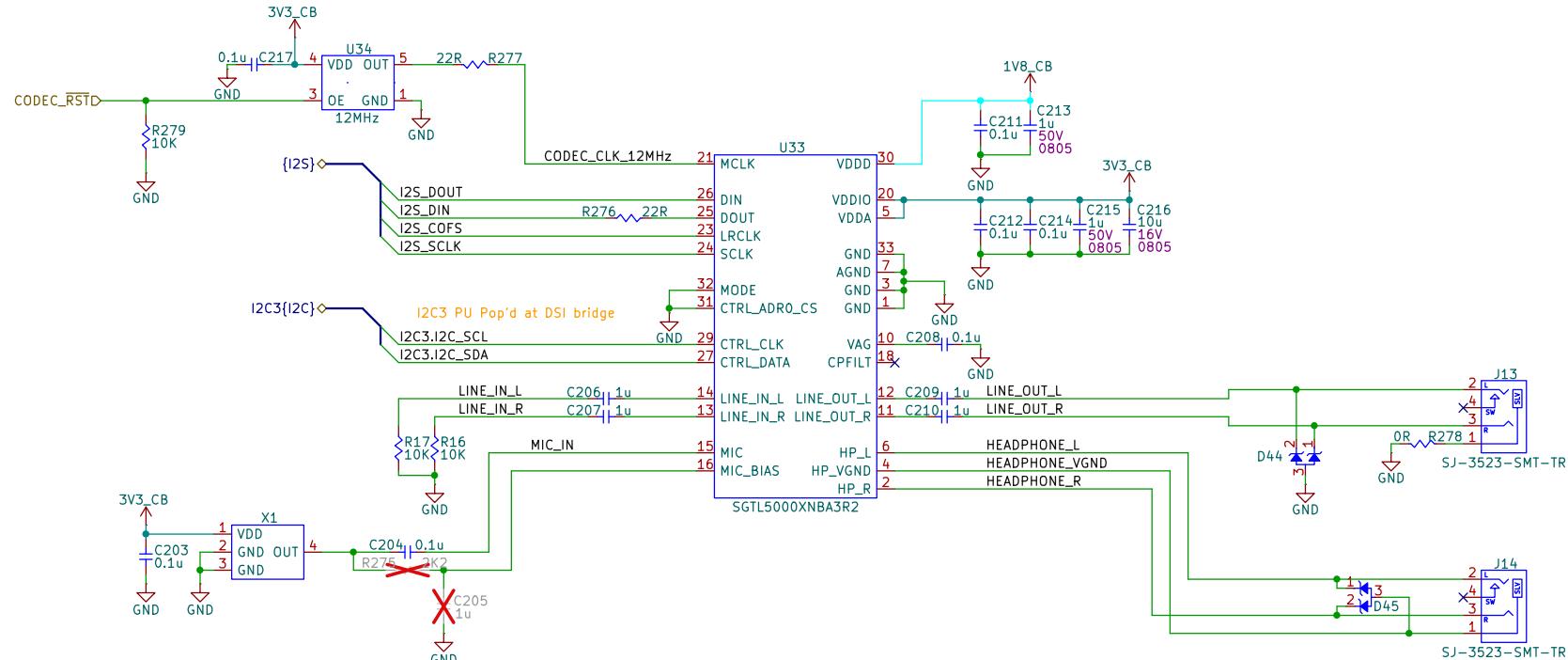
Designed by: Jean-Francois Bilodeau
P.Eng #6022173
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Sherbrooke, Canada, J1EON2
KiCad Rev 9.0

Logo

Sheet Size: A4
Project: RPI CMx Carrier Drawn by: Jean-Francois Bilodeau Sheet: 16 of 20
Sheet Title: MikroBus.kicad_sch Approved by: Not applicable Status: Preliminary
Date: 2025-12-07 BOM: RPI_CMx_Carrier_2.00-0A_BOM Current Revision: 2.00-0A

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Logo

Sheet Size: A4
 Project: RPI CMx Carrier Drawn by: Jean-Francois Bilodeau Sheet: 17 of 20
 Sheet Title: AUDIO_CODEC.kicad_sch Approved by: Not applicable Status: Preliminary
 Date: 2025-12-07 BOM: RPL_CMx_Carrier_2.00-0A_BOM Current Revision: 2.00-0A

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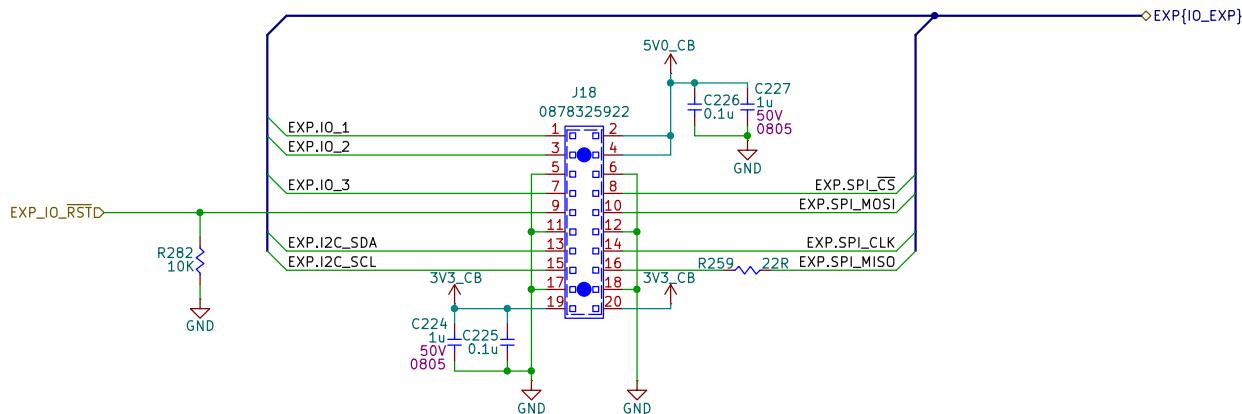
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Project: RPI CMx Carrier Drawn by: Jean-Francois Bilodeau Sheet: 18 of 20
Sheet Title: Expansion_jo.kicad_sch Approved by: Not applicable Status: Preliminary
Date: 2025-12-07 BOM: RPI_CMx_Carrier_2.00-0A_BOM Current Revision: 2.00-0A

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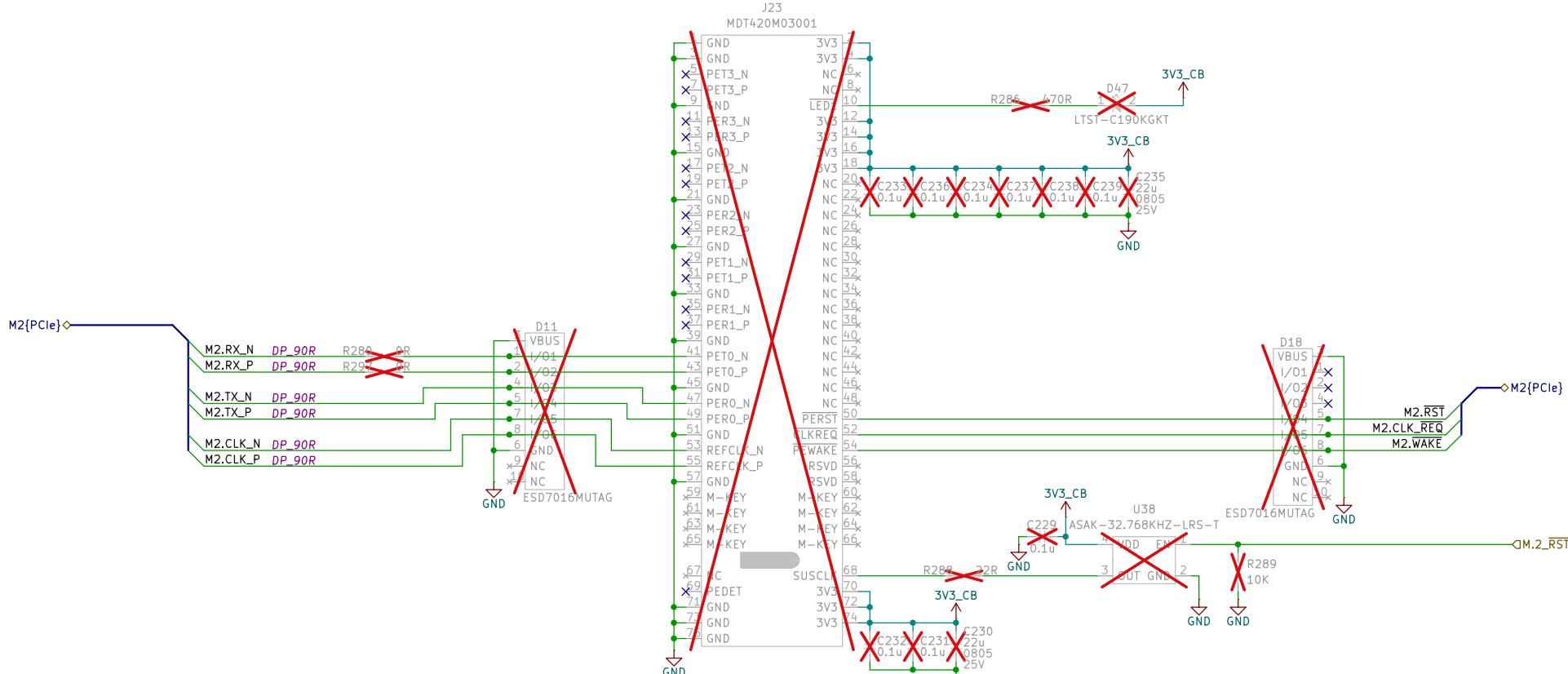
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Logo

Sheet Size: A4
Sheet: 19 of 20
Project: RPI CMx Carrier
Drawn by: Jean-Francois Bilodeau
Sheet Title: M2_Expansion.kicad_sch
Approved by: Not applicable
Date: 2025-12-07
Status: Preliminary
BOM: RPI_CMx_Carrier_2.00-0A_BOM
Current Revision: 2.00-0A

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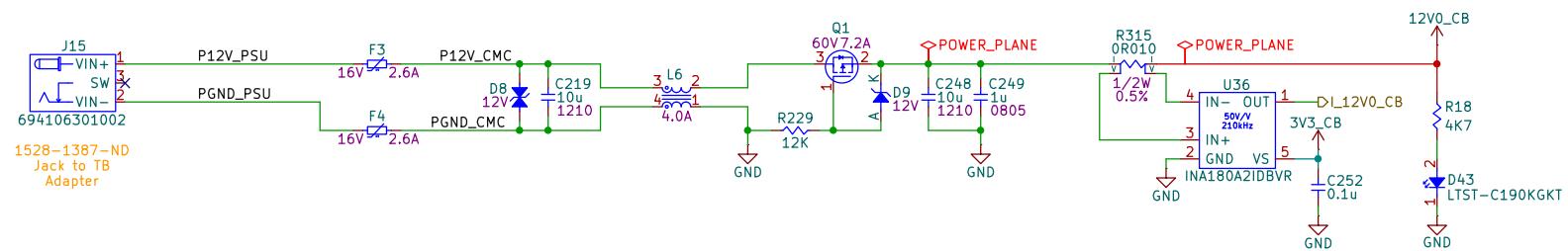
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Sherbrooke, Canada, J1EON2
KiCad Rev 9.0

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|------------------------------------|----------------------------------|---------------------------|
| Project: RPI CMx Carrier | Drawn by: Jean-Francois Bilodeau | Sheet: 20 of 20 |
| Sheet Title: POWER INPUT.kicad_sch | Approved by: Not applicable | Status: Preliminary |
| Date: 2025-12-07 | BOM: RPI_CMx_Carrier_2.00-0A_BOM | Current Revision: 2.00-0A |

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