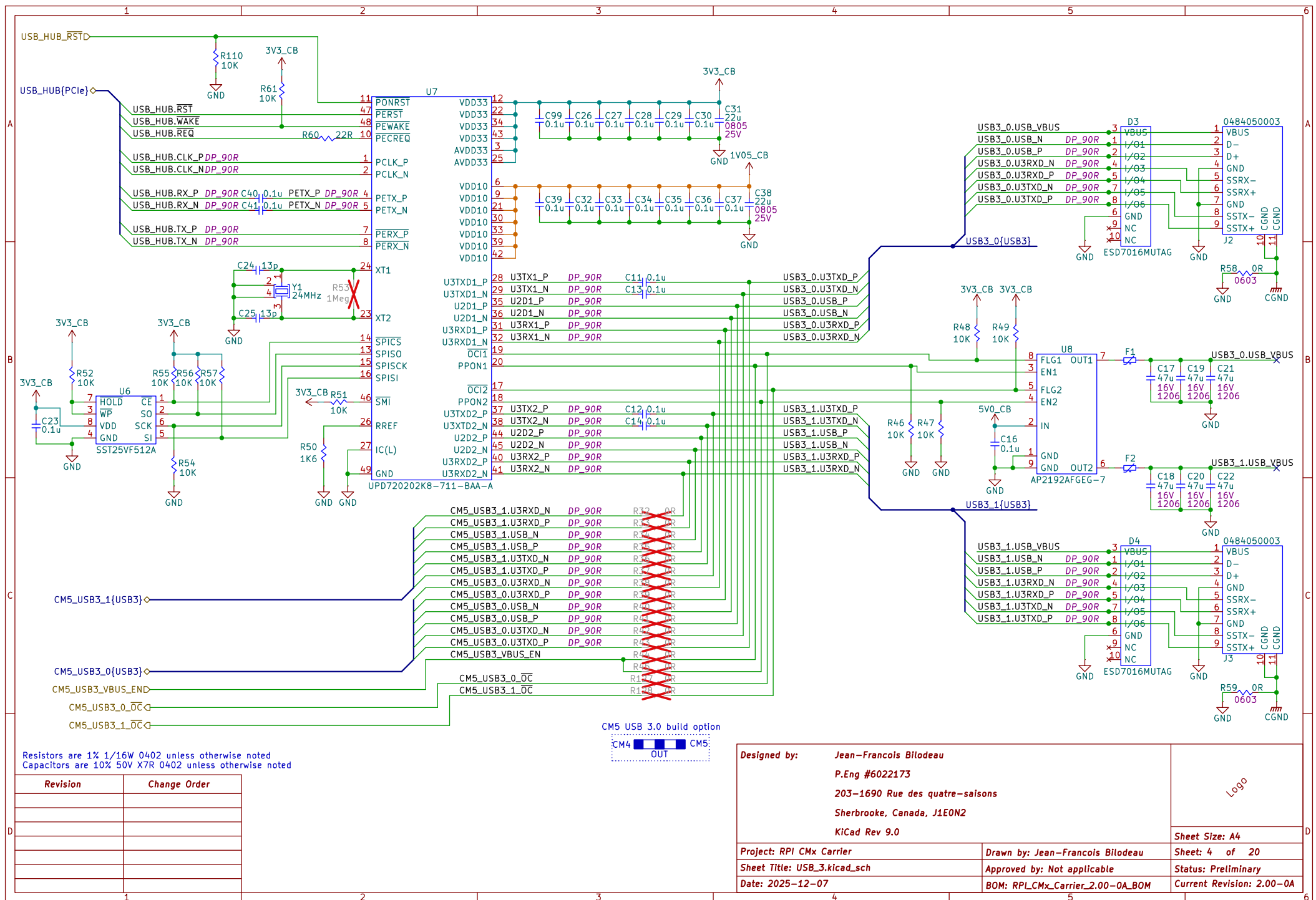
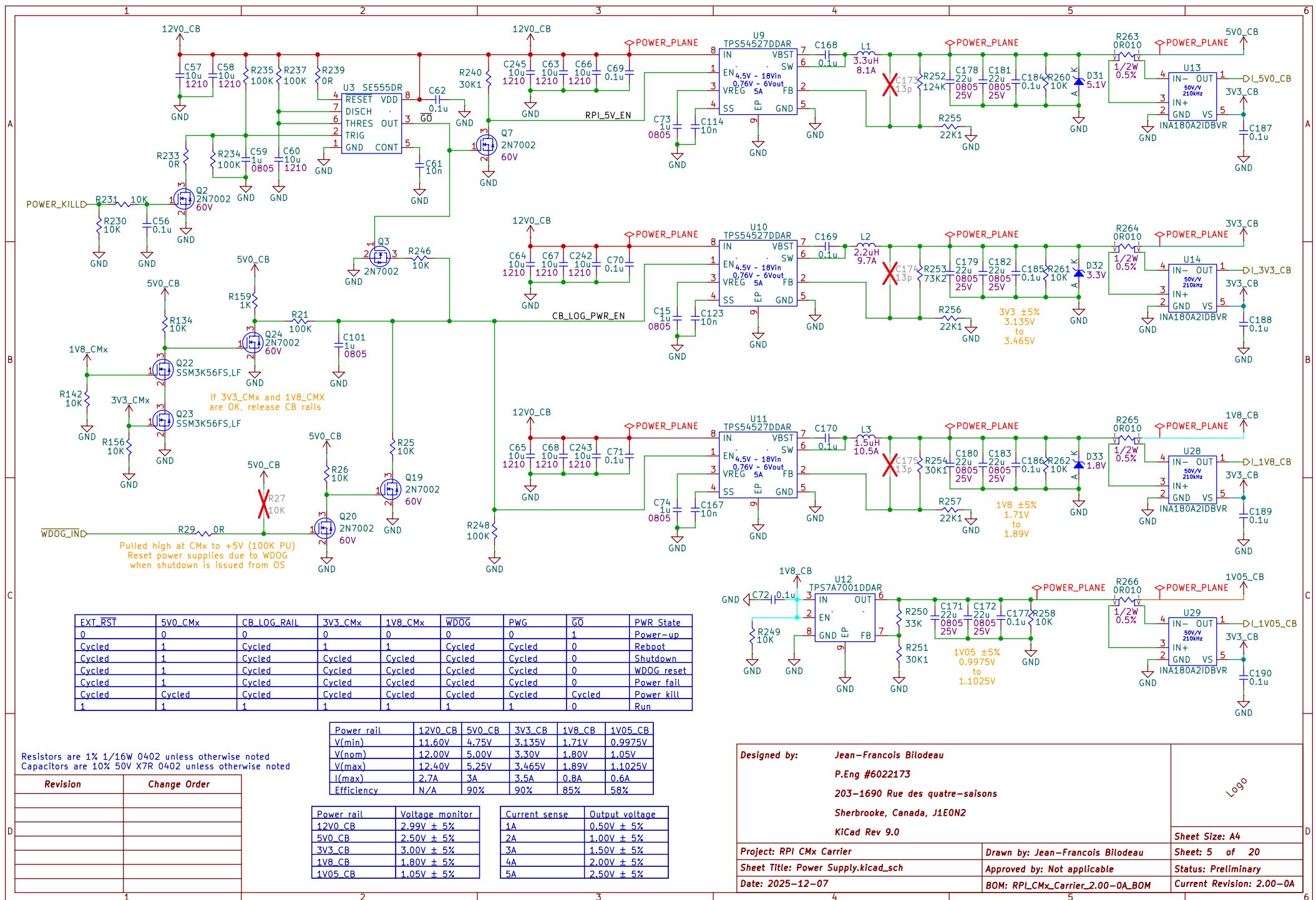


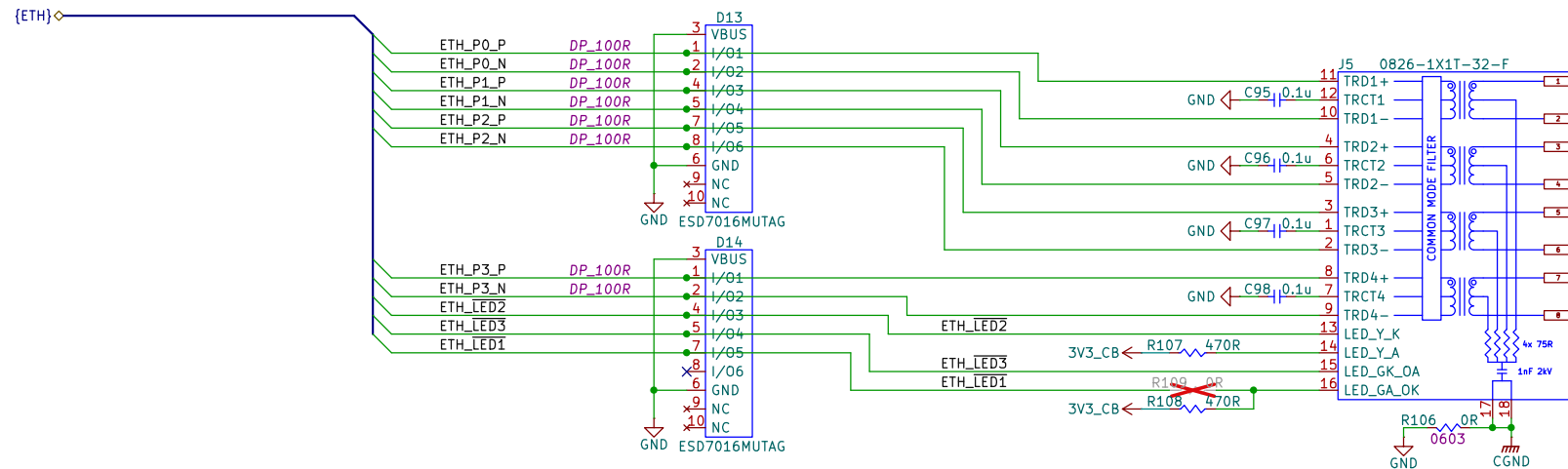
Resistors are 1% 1/16W 0402 unless otherwise noted
Capacitors are 10% 50V X7R 0402 unless otherwise noted

| Revision | Change Order |
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| Designed by: Jean-Francois Bilodeau P.Eng #6022173 203-1690 Rue des quatre-saisons Sherbrooke, Canada, J1E0N2 KiCad Rev 9.0 | | Logo |
| Project: RPI CMx Carrier Sheet Title: SD_CARD.kicad_sch Date: 2025-12-07 | Drawn by: Jean-Francois Bilodeau Approved by: Not applicable BOM: RPLCMx_Carrier_2.00-0A_BOM | |
| | | Sheet Size: A4 Sheet: 3 of 20 Status: Preliminary Current Revision: 2.00-0A |







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

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P.Eng #6022173
203-1690 Rue des quatre-saisons
Sherbrooke, Canada, J1E0N2
KICad Rev 9.0

Logo

Sheet Size: A4

Project: RPI CMx Carrier

Drawn by: Jean-Francois Bilodeau

Sheet: 8 of 20

Sheet Title: Ethernet.kicad_sch

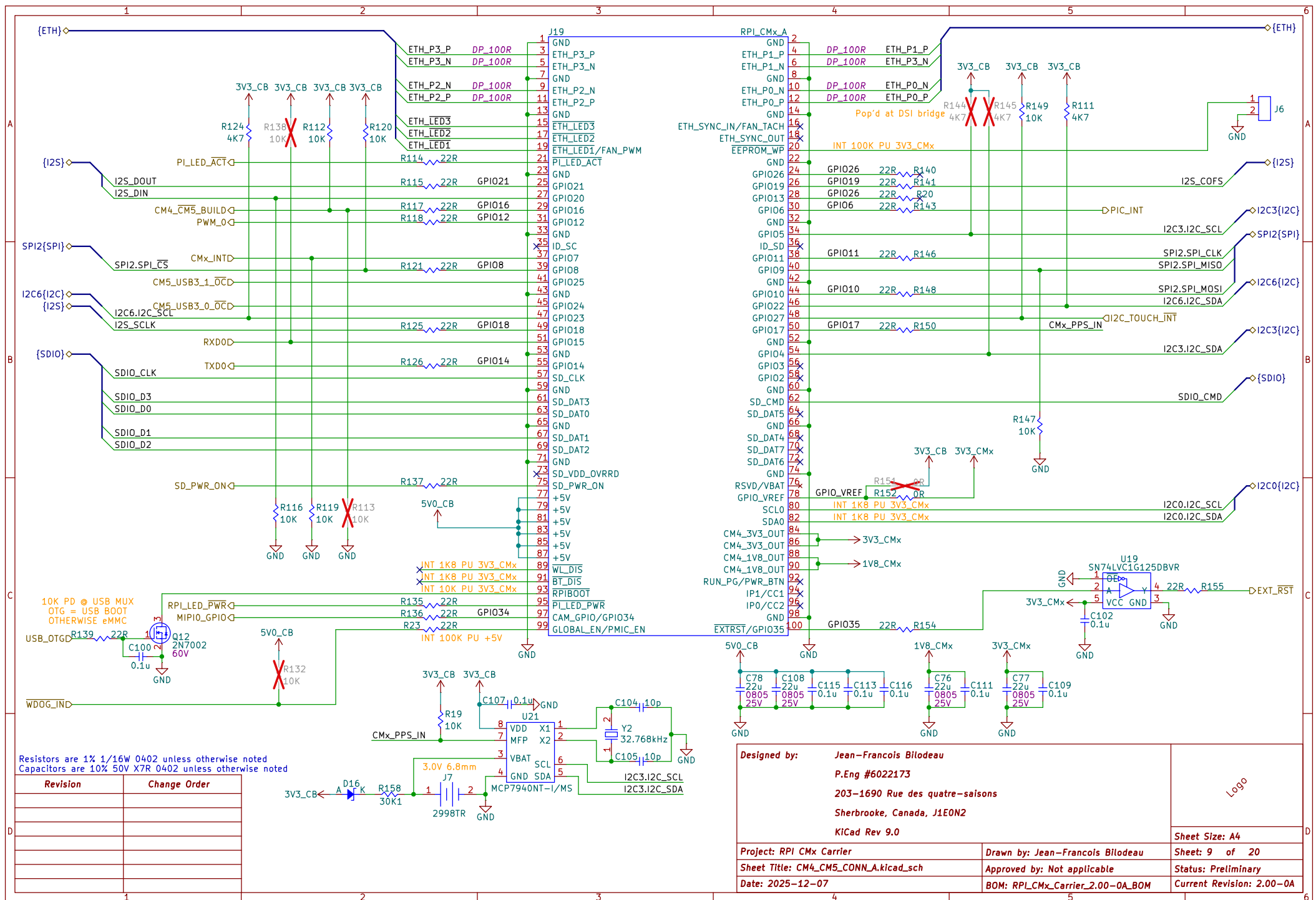
Approved by: Not applicable

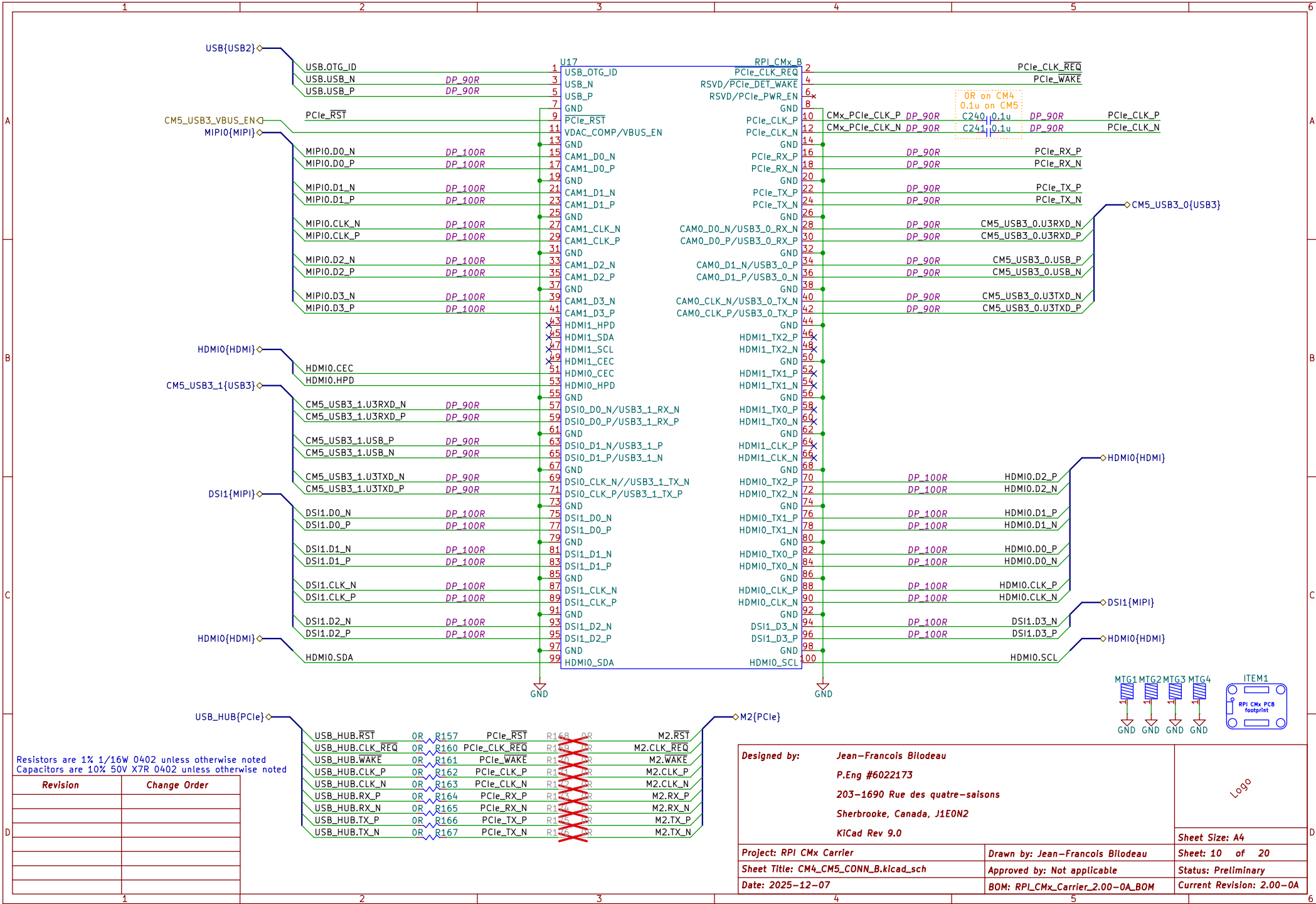
Status: Preliminary

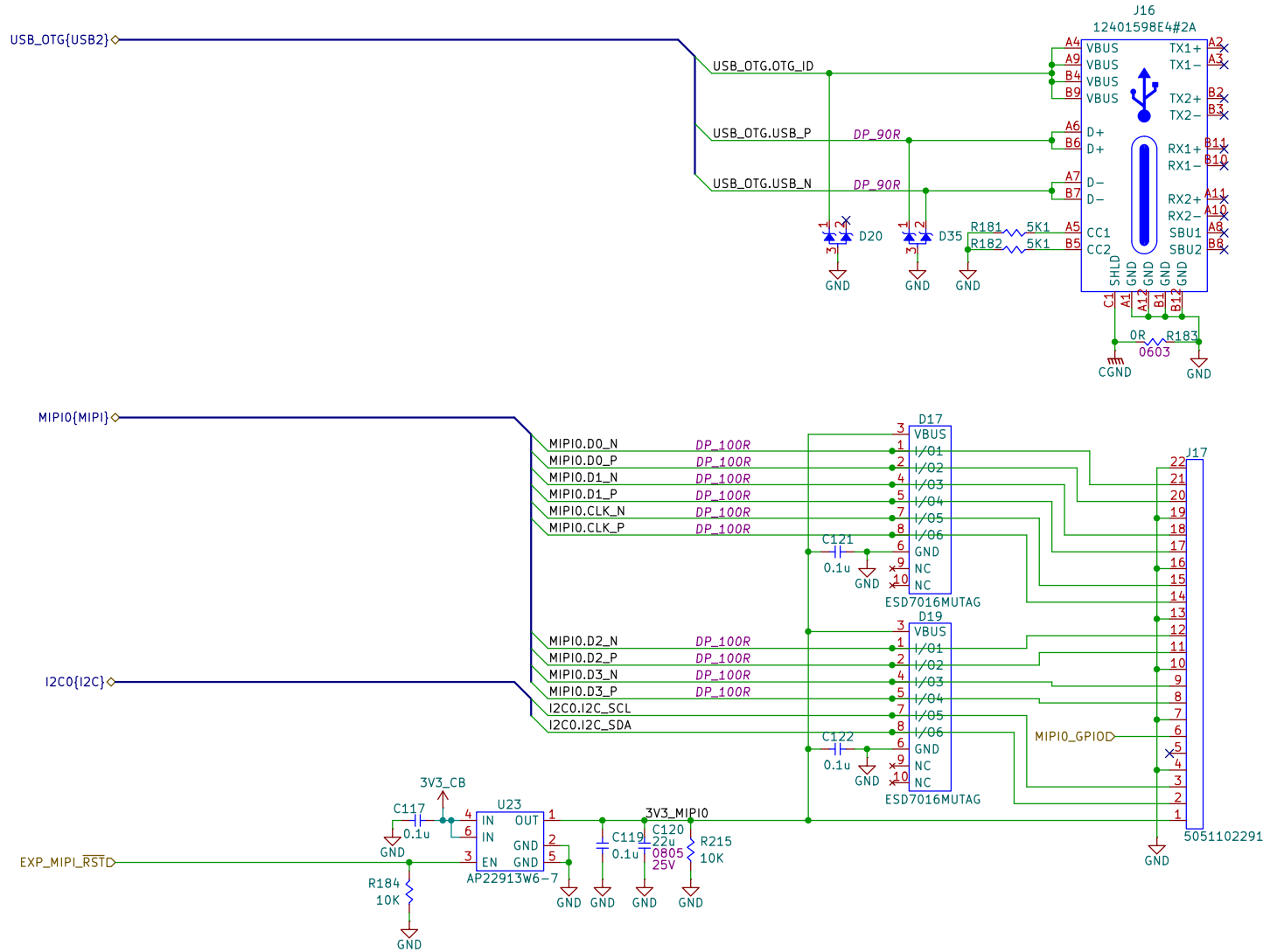
Date: 2025-12-07

BOM: RPI_CMx_Carrier_2.00-0A_BOM

Current Revision: 2.00-0A

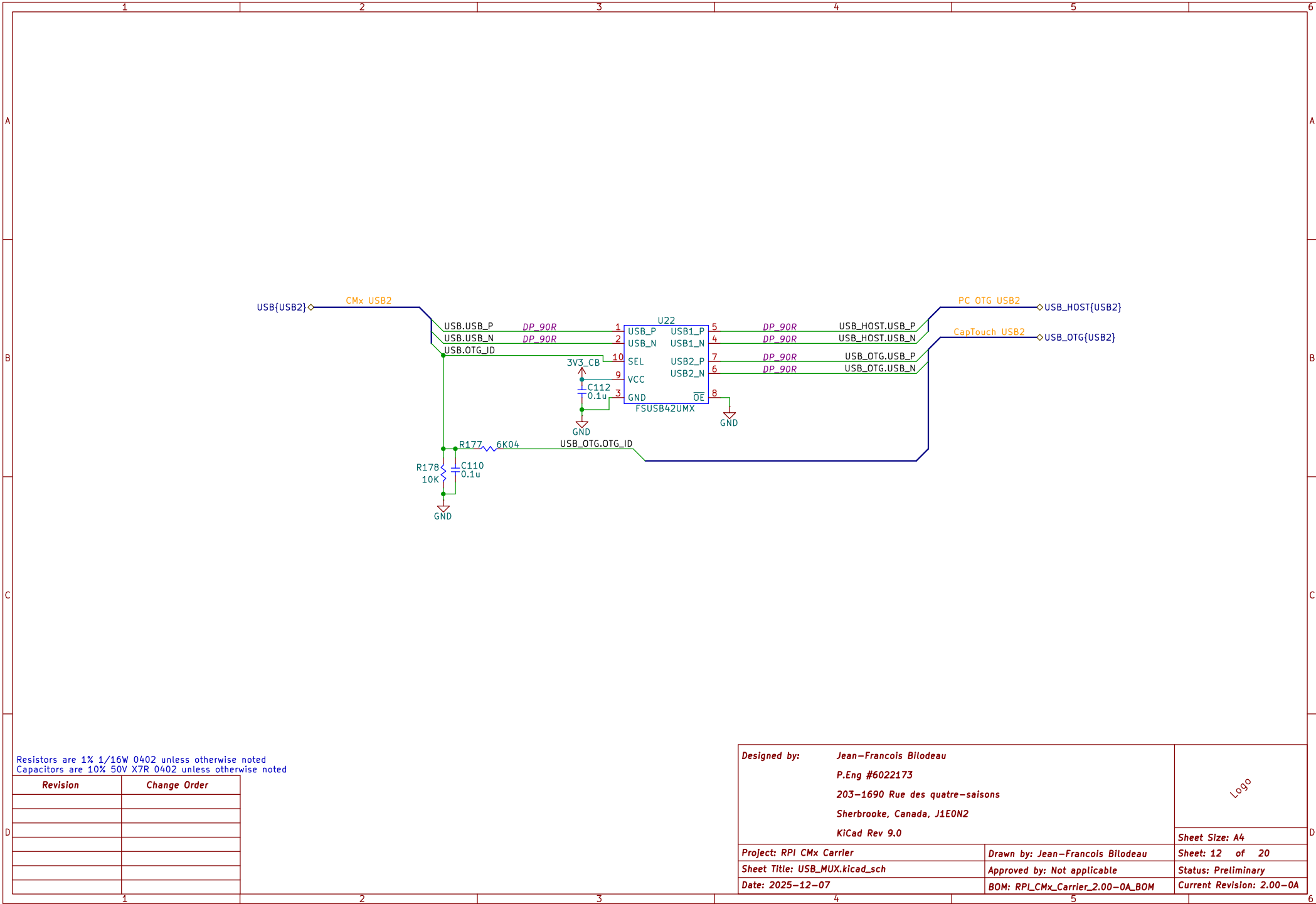
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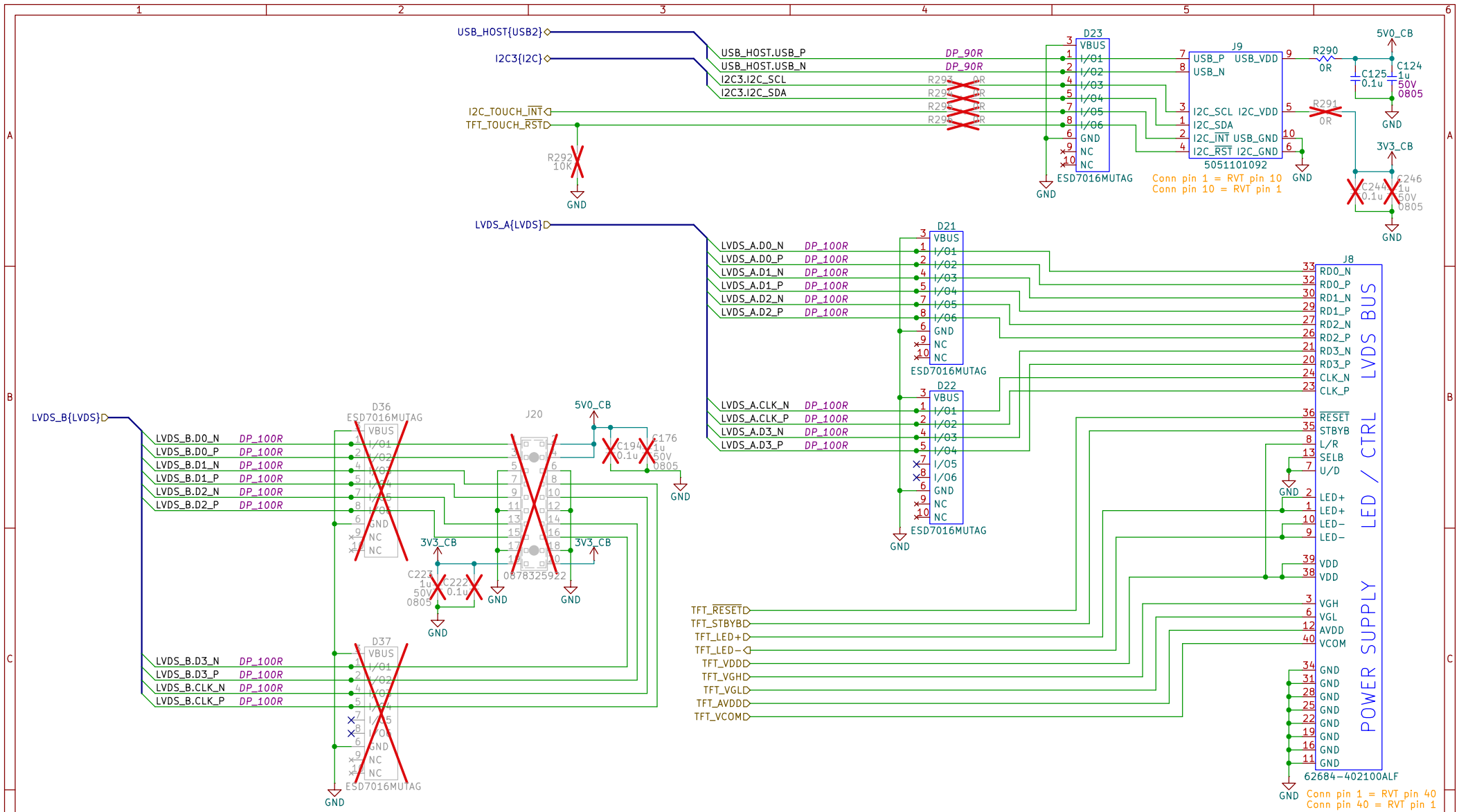
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| Designed by: Jean-Francois Bilodeau P.Eng #6022173 203-1690 Rue des quatre-saisons Sherbrooke, Canada, J1E0N2 KiCad Rev 9.0 | | Logo |
| Project: RPI CMx Carrier | Drawn by: Jean-Francois Bilodeau | |
| Sheet Title: USB-C & EXP MIPI.kicad_sch | Approved by: Not applicable | Sheet: 11 of 20 |
| Date: 2025-12-07 | BOM: RPL_CMx_Carrier_2.00-0A_BOM | Current Revision: 2.00-0A |



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

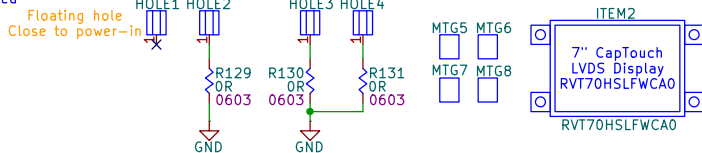
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| Designed by: Jean-Francois Bilodeau P.Eng #6022173 203-1690 Rue des quatre-saisons Sherbrooke, Canada, J1E0N2 KiCad Rev 9.0 | |  |
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| Project: RPI CMx Carrier | | Sheet Size: A4 |
| Sheet Title: USB_MUX.kicad_sch | Drawn by: Jean-Francois Bilodeau | Sheet: 12 of 20 |
| Date: 2025-12-07 | Approved by: Not applicable | Status: Preliminary |
| BOM: RPLCMx_Carrier_2.00-0A_BOM | | Current Revision: 2.00-0A |



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
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Project: RPI CMx Carrier

Sheet Title: TFT_CONN.kicad_sch

Date: 2025-12-07

Drawn by: Jean-Francois Bilodeau

Approved by: Not applicable

BOM: RPL_CMx_Carrier_2.00-0A_BOM

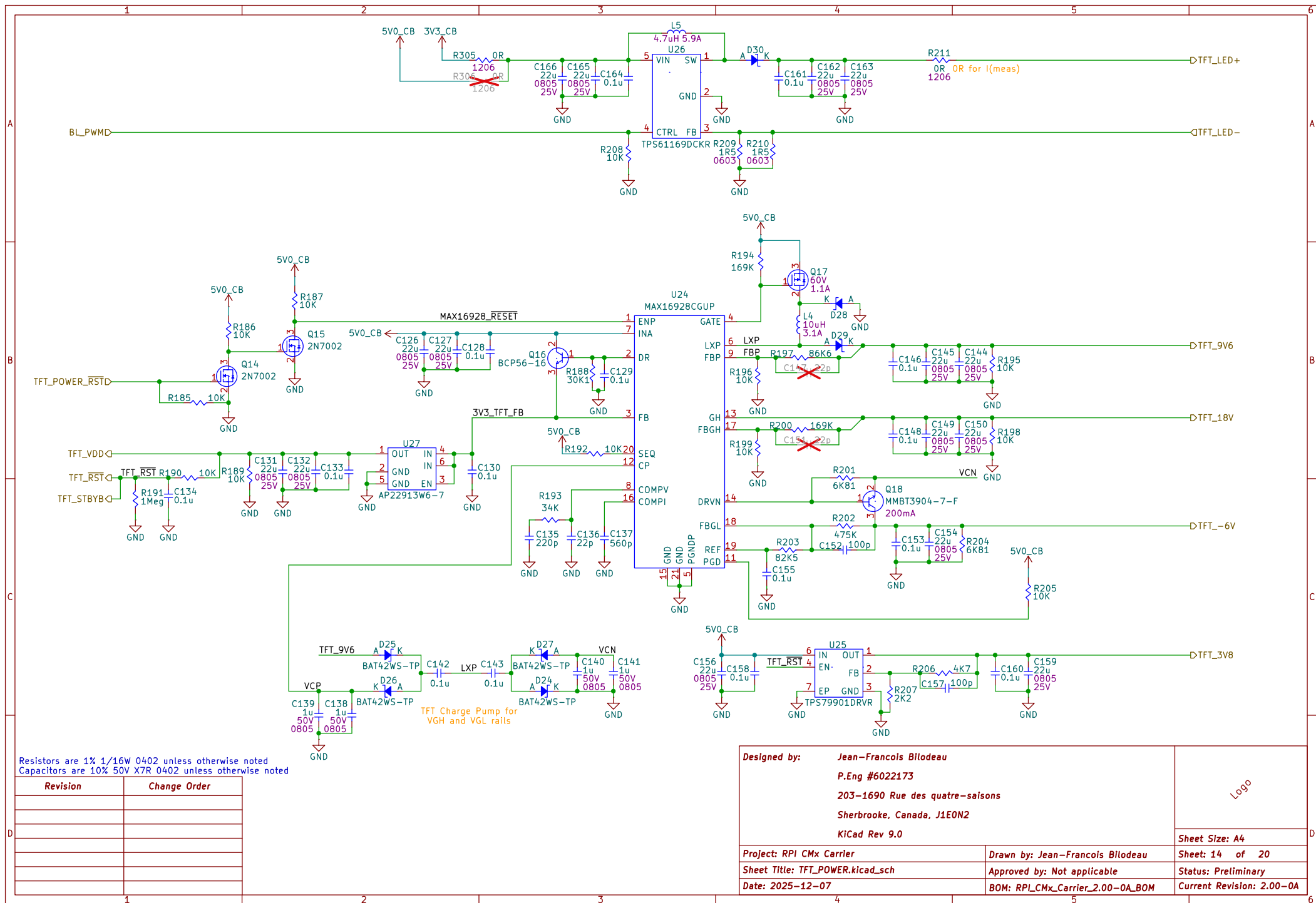
Sheet Size: A4

Sheet: 13 of 20

Status: Preliminary

Current Revision: 2.00-0A

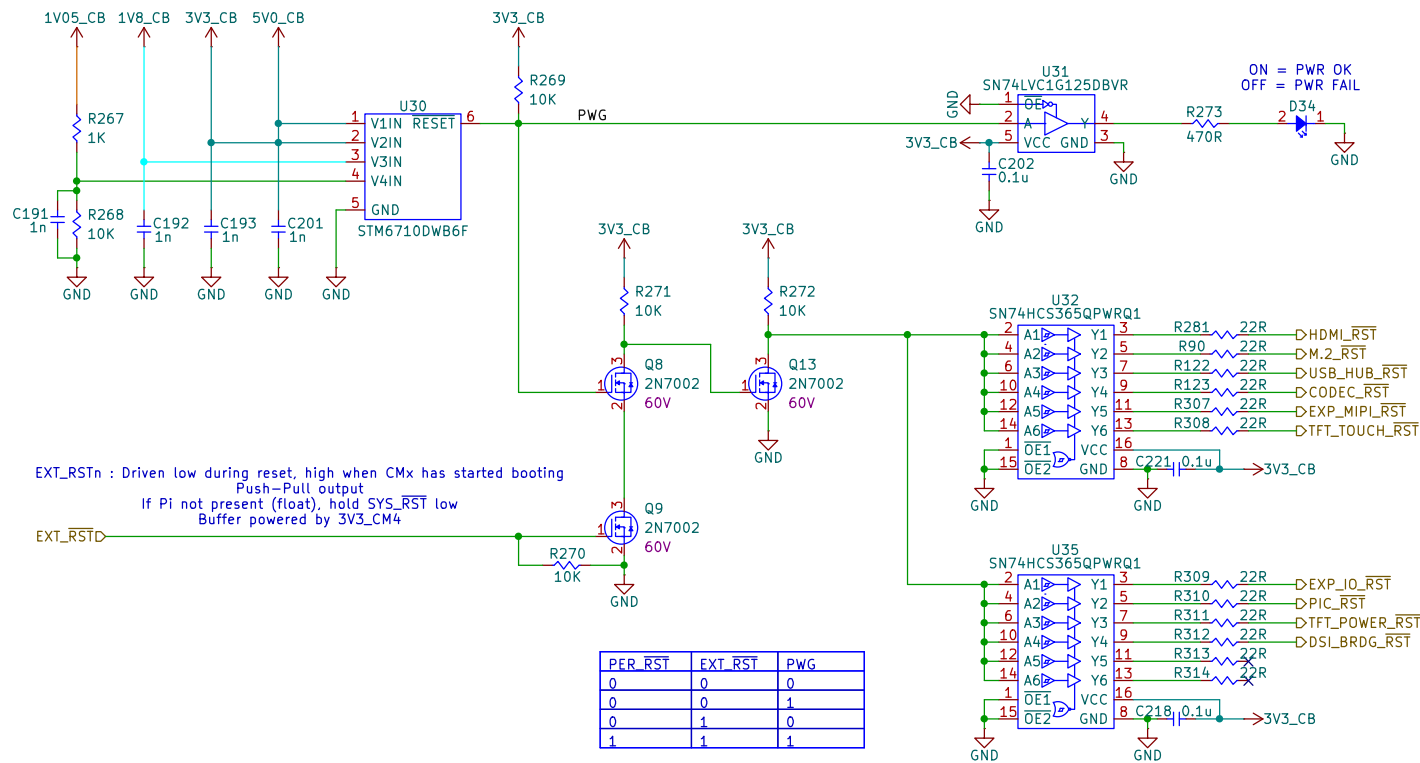
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Resistors are 1% 1/16W 0402 unless otherwise noted
Capacitors are 10% 50V X7R 0402 unless otherwise noted

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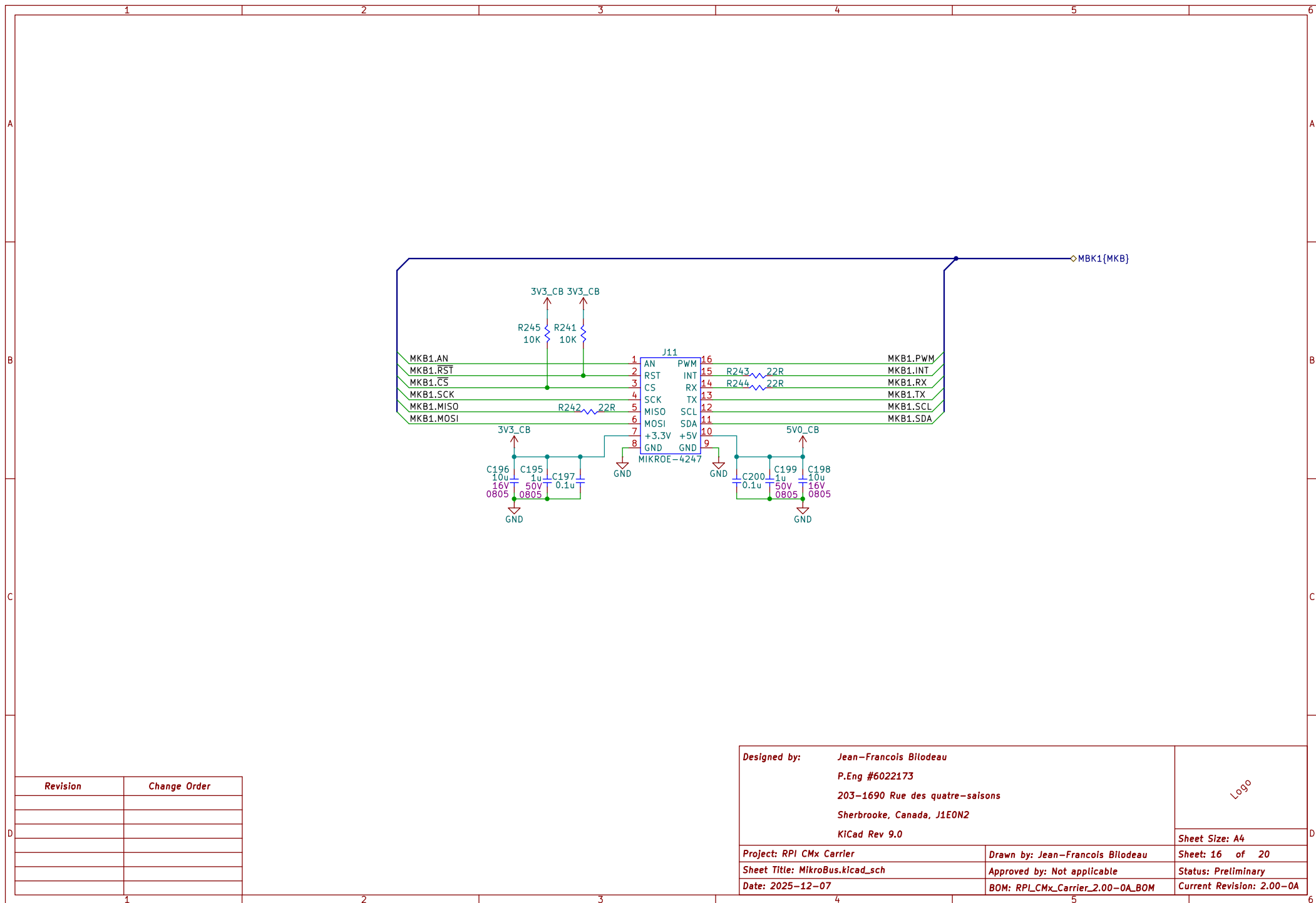
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| Designed by: Jean-Francois Bilodeau P.Eng #6022173 203-1690 Rue des quatre-saisons Sherbrooke, Canada, J1E0N2 KiCad Rev 9.0 | | Logo |
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| Project: RPI CMx Carrier | | Sheet Size: A4 |
| Sheet Title: TFT_POWER.kicad_sch | | Sheet: 14 of 20 |
| Date: 2025-12-07 | | Approved by: Not applicable |
| BOM: RPL_CMx_Carrier_2.00-0A_BOM | | Status: Preliminary |
| | | Current Revision: 2.00-0A |

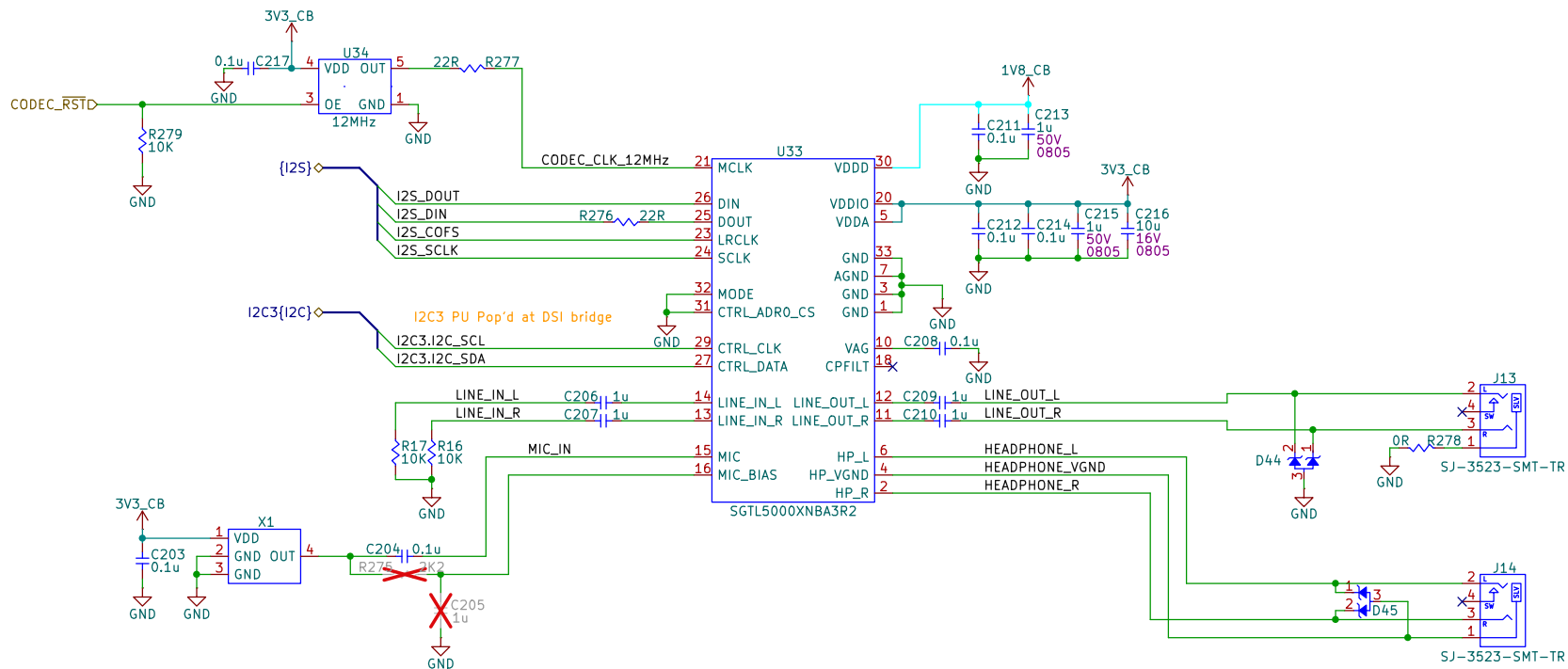


Resistors are 1% 1/16W 0402 unless otherwise noted
Capacitors are 10% 50V X7R 0402 unless otherwise noted

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| <div>Designed by: Jean-Francois Bilodeau P.Eng #6022173 203-1690 Rue des quatre-saisons Sherbrooke, Canada, J1E0N2 KiCad Rev 9.0</div> | | <div>Logo</div> |
| <div>Project: RPI CMx Carrier</div> | | |
| <div>Sheet Title: RESET_SUPERVISOR.kicad_sch</div> | <div>Drawn by: Jean-Francois Bilodeau</div> | <div>Sheet: 15 of 20</div> |
| <div>Date: 2025-12-07</div> | <div>Approved by: Not applicable</div> | <div>Status: Preliminary</div> |
| <div>BOM: RPL_CMx_Carrier_2.00-0A_BOM</div> | | <div>Current Revision: 2.00-0A</div> |

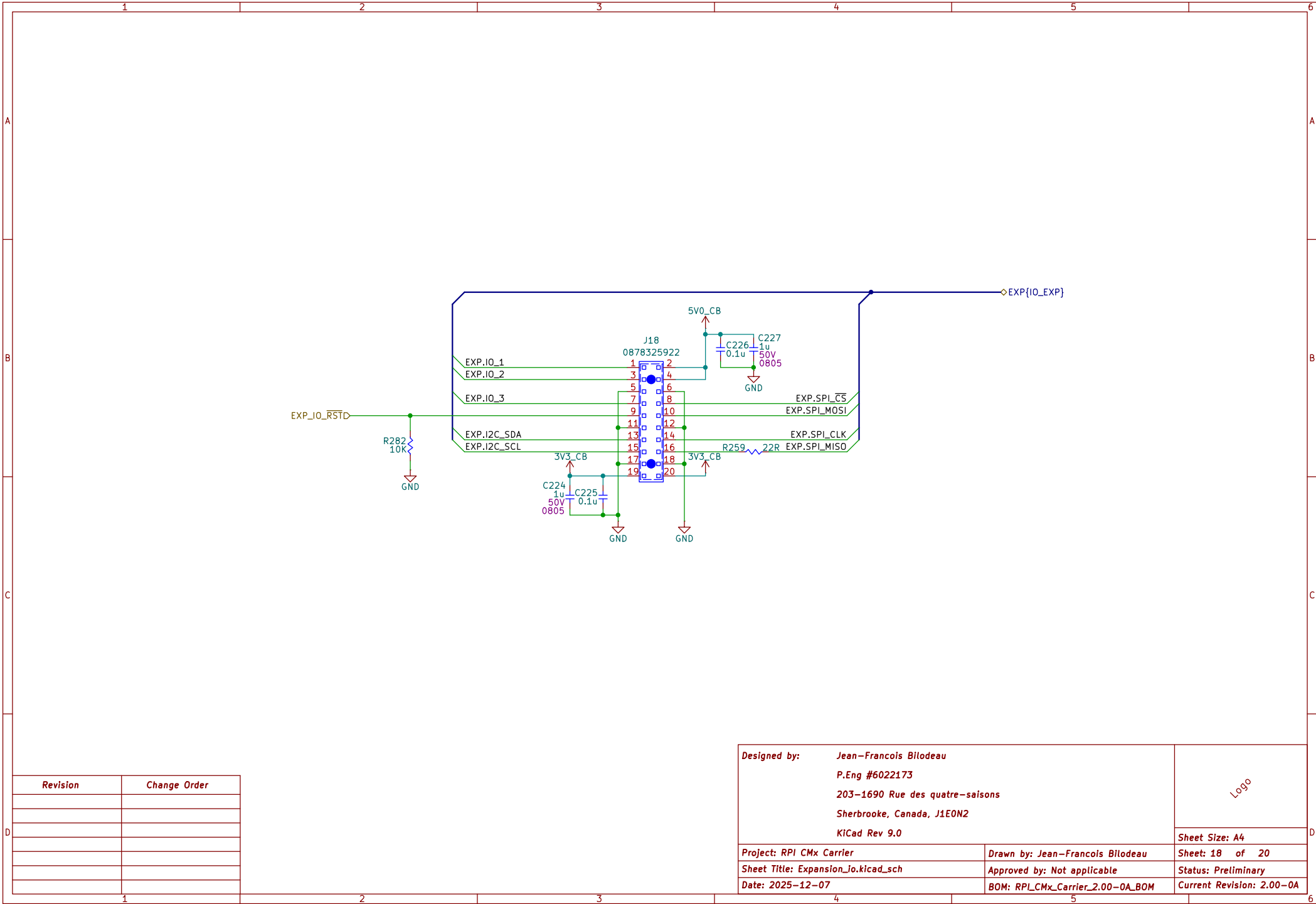




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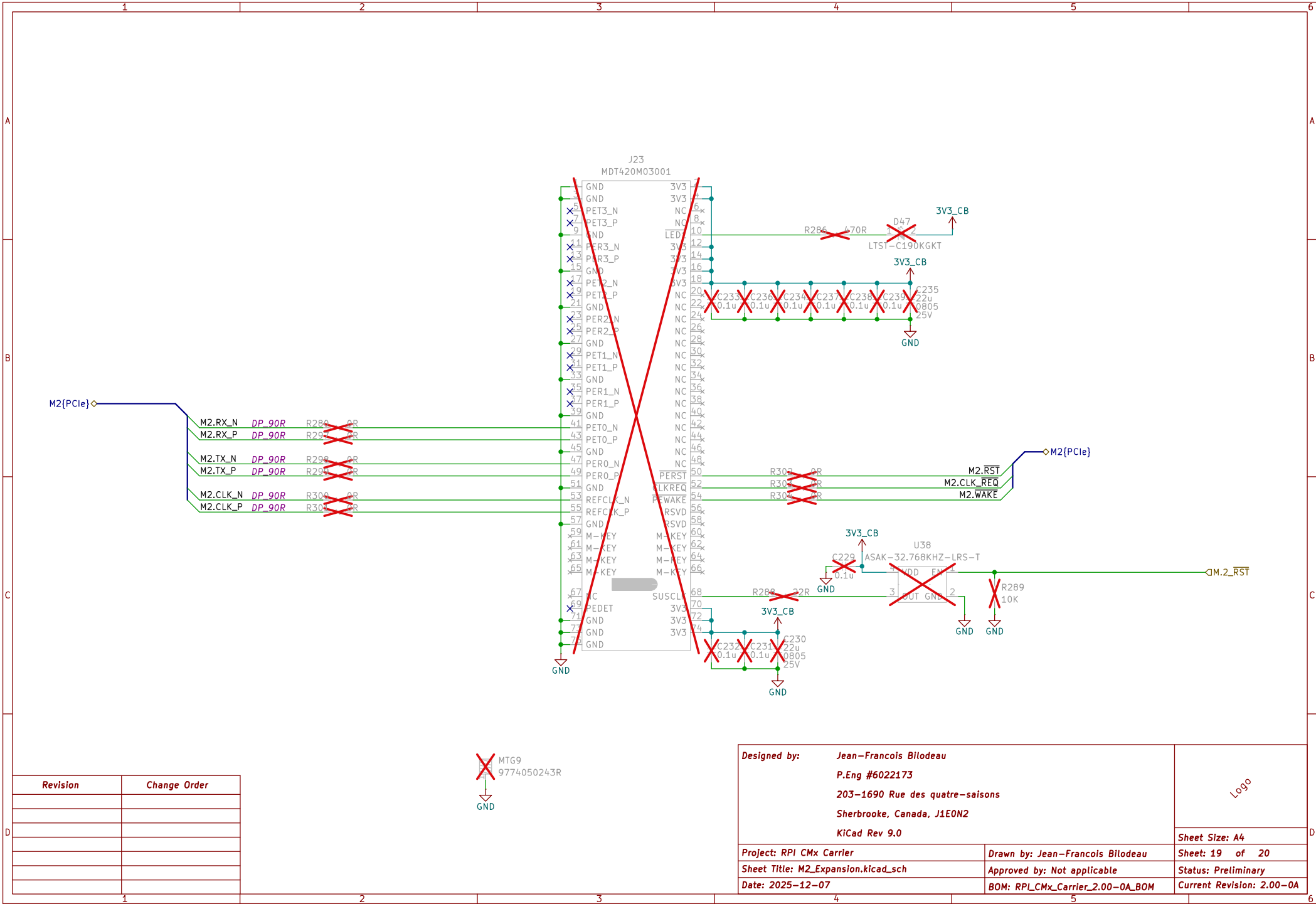
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| Designed by: Jean-Francois Bilodeau P.Eng #6022173 203-1690 Rue des quatre-saisons Sherbrooke, Canada, J1E0N2 KiCad Rev 9.0 | | Logo Sheet Size: A4 |
| Project: RPI CMx Carrier Sheet Title: AUDIO_CODEC.kicad_sch Date: 2025-12-07 | Drawn by: Jean-Francois Bilodeau Approved by: Not applicable BOM: RPL_CMx_Carrier_2.00-0A_BOM | |

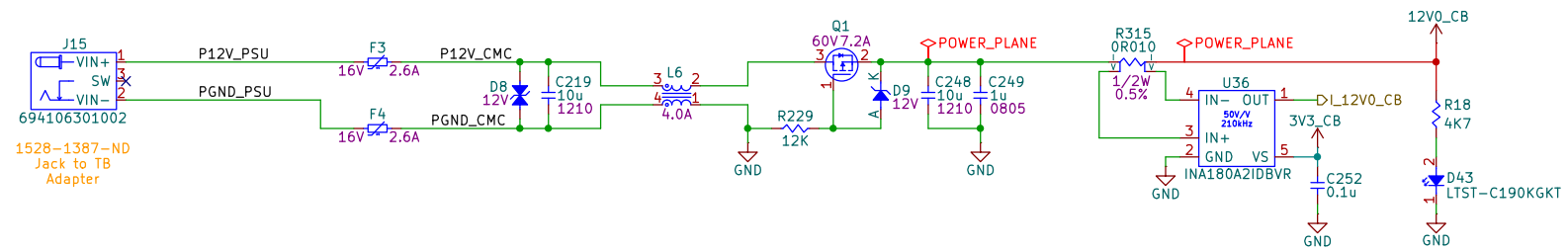
Sheet: 17 of 20
Status: Preliminary
Current Revision: 2.00-0A



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| Designed by: Jean-Francois Bilodeau P.Eng #6022173 203-1690 Rue des quatre-saisons Sherbrooke, Canada, J1E0N2 KiCad Rev 9.0 | | <div>Logo</div> |
| | | |
| Project: RPI CMx Carrier | Drawn by: Jean-Francois Bilodeau | Sheet Size: A4 |
| Sheet Title: Expansion_Io.kicad_sch | Approved by: Not applicable | Sheet: 18 of 20 |
| Date: 2025-12-07 | BOM: RPL_CMx_Carrier_2.00-0A_BOM | Status: Preliminary |
| | | Current Revision: 2.00-0A |





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| Designed by: Jean-Francois Bilodeau P.Eng #6022173 203-1690 Rue des quatre-saisons Sherbrooke, Canada, J1E0N2 KiCad Rev 9.0 | | Logo |
| Project: RPI CMx Carrier | Drawn by: Jean-Francois Bilodeau | |
| Sheet Title: POWER INPUT.kicad_sch | Approved by: Not applicable | Sheet: 20 of 20 |
| Date: 2025-12-07 | BOM: RPLCMx_Carrier_2.00-0A_BOM | Status: Preliminary |
| | | Current Revision: 2.00-0A |