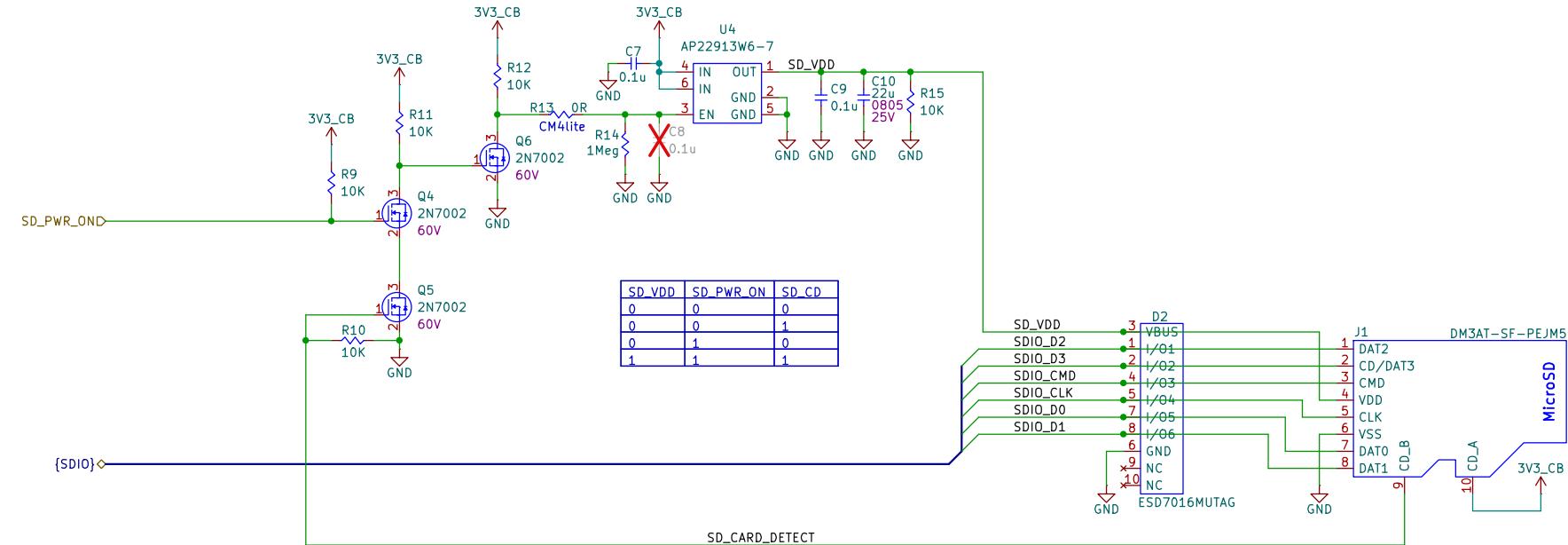


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SD_VDD	SD_PWR_ON	SD_CD
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1	1	1

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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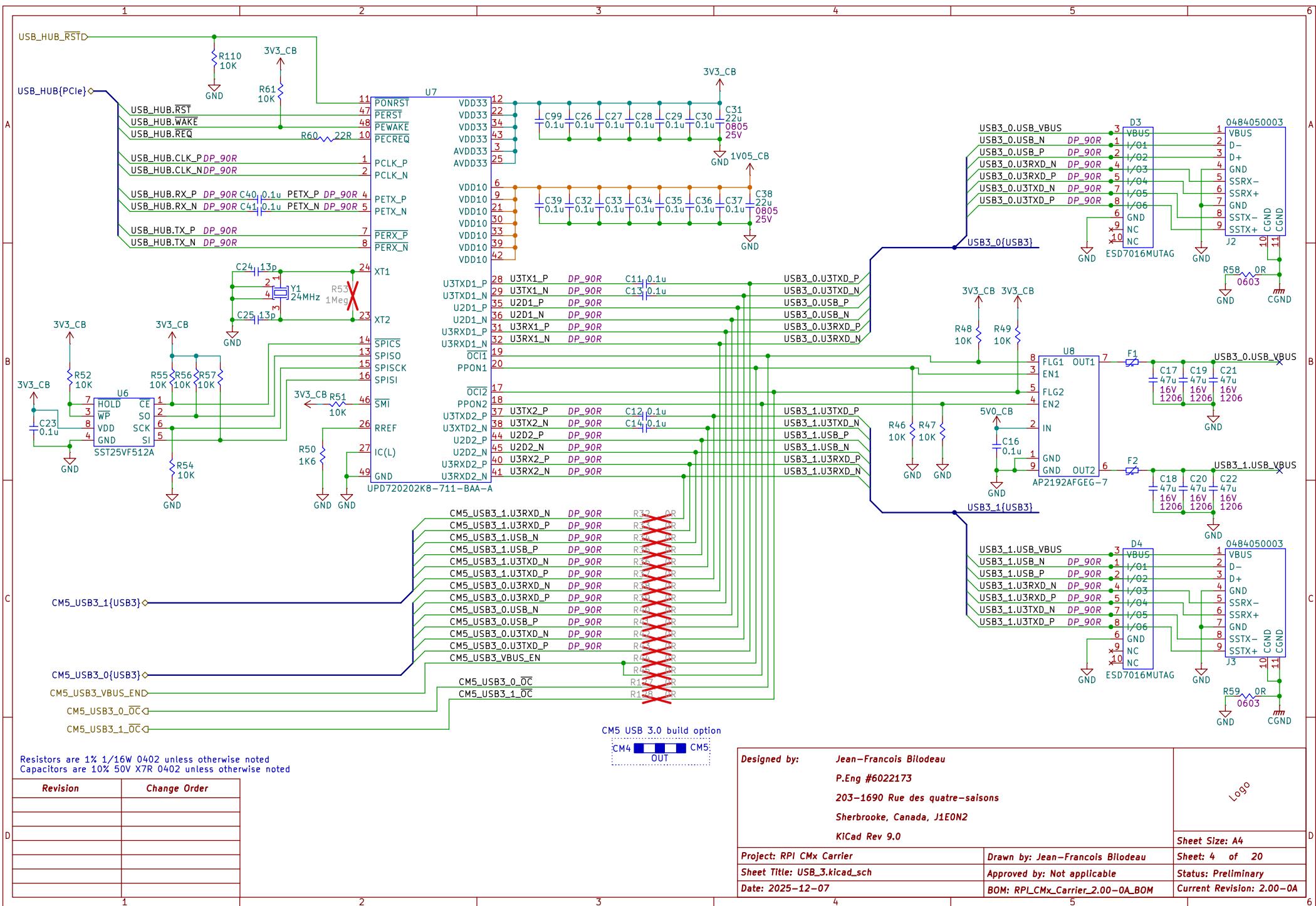
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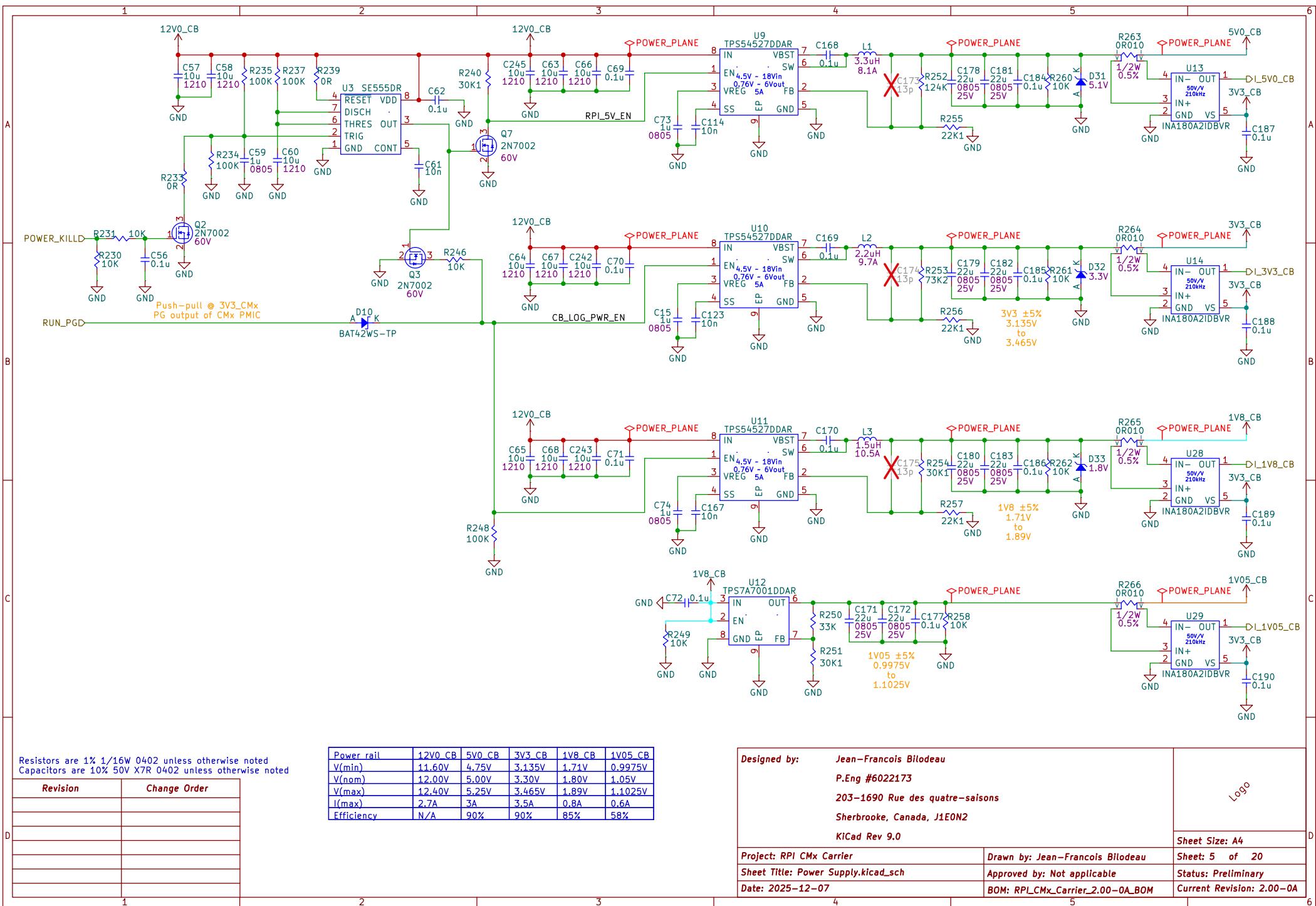
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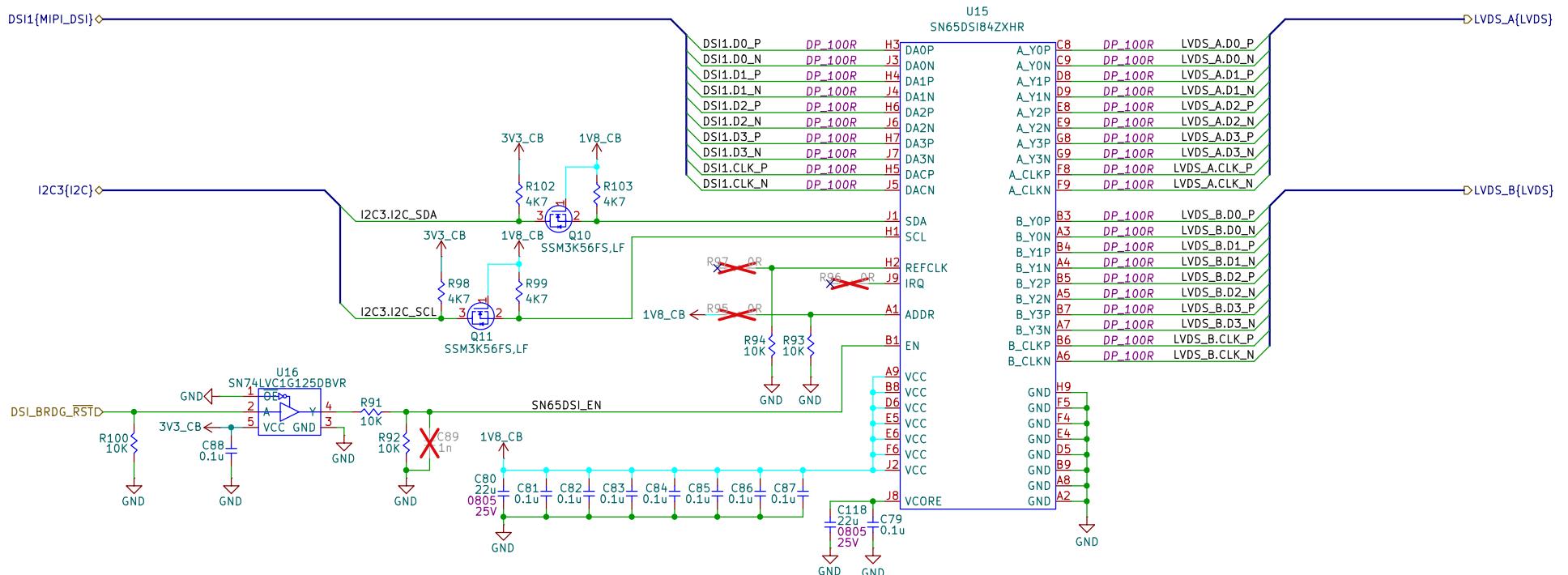
Designed by: Jean-Francois Bilodeau
P.Eng #6022173
203-1690 Rue des quatre-saisons
Sherbrooke, Canada, J1EON2
KiCad Rev 9.0

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

*Designed by: Jean-Francois Bilodeau
P.Eng #6022173
203-1690 Rue des quatre-saisons
Sherbrooke, Canada, J1EON2*

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

1 2 3 4 5 6

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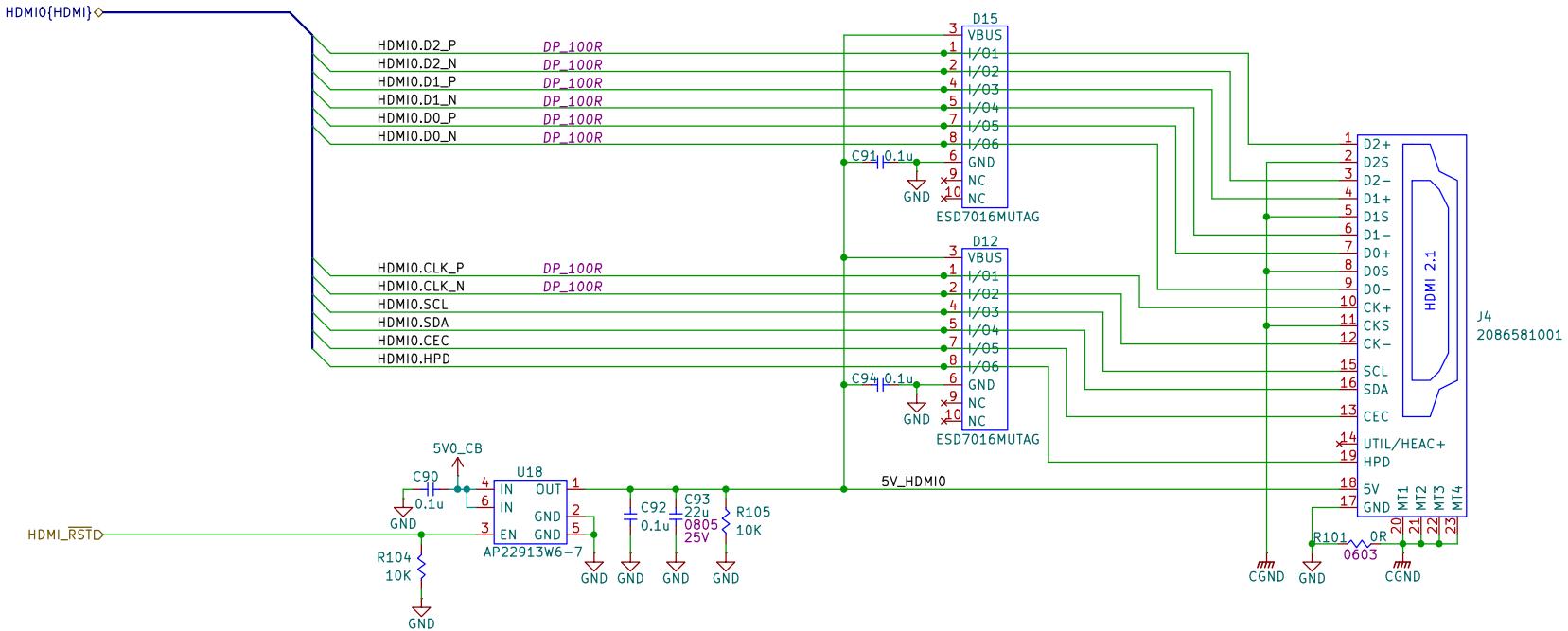
A

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C



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

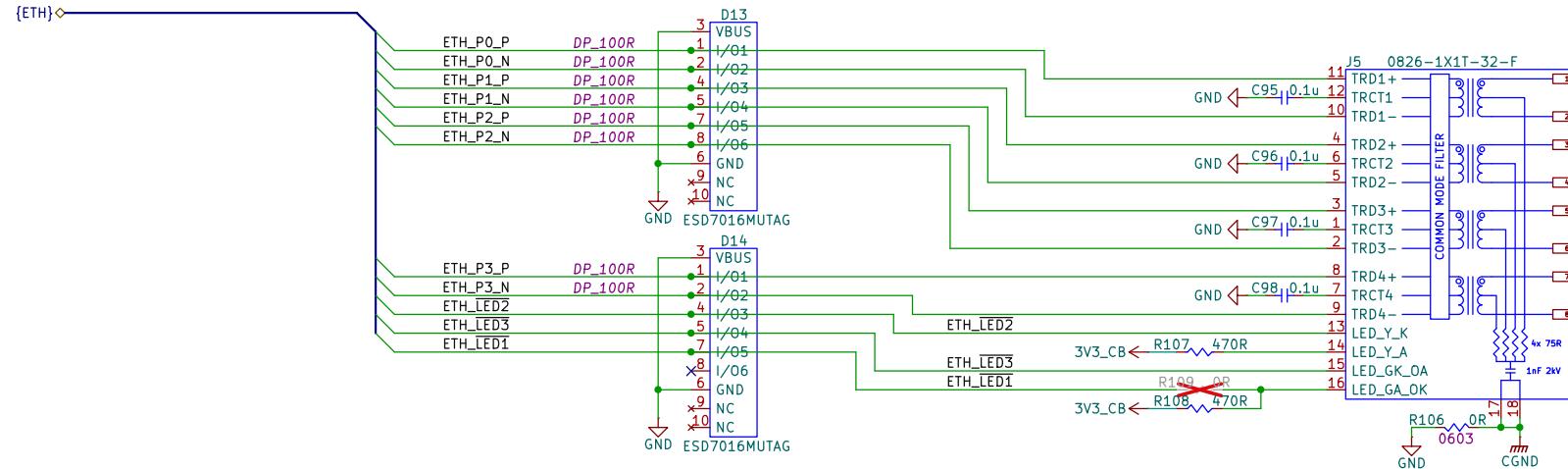
Revision	Change Order

Designed by: Jean-Francois Bilodeau
 P.Eng #6022173
 203-1690 Rue des quatre-saisons
 Sherbrooke, Canada, J1E0N2
 KiCad Rev 9.0

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

Logo

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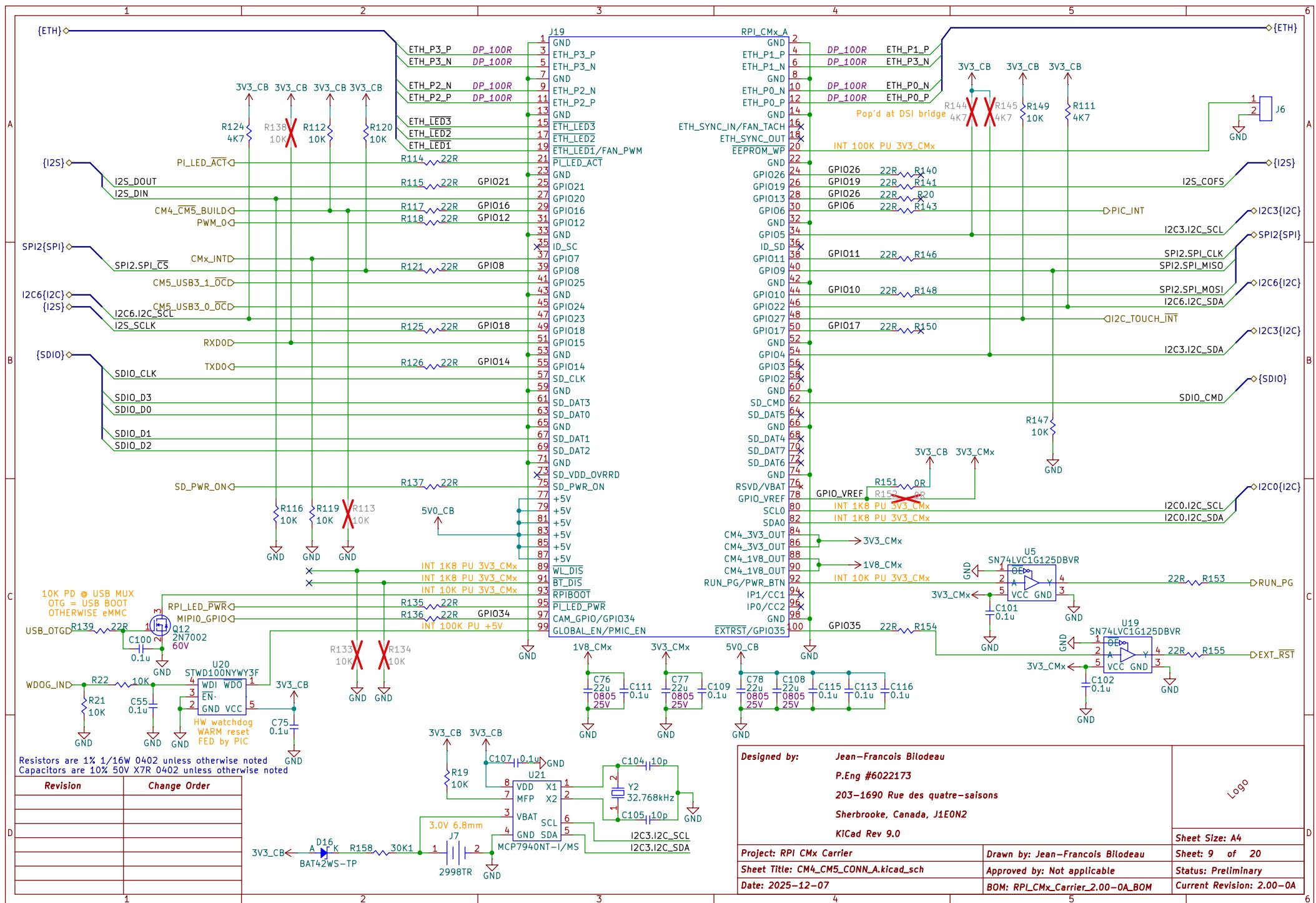


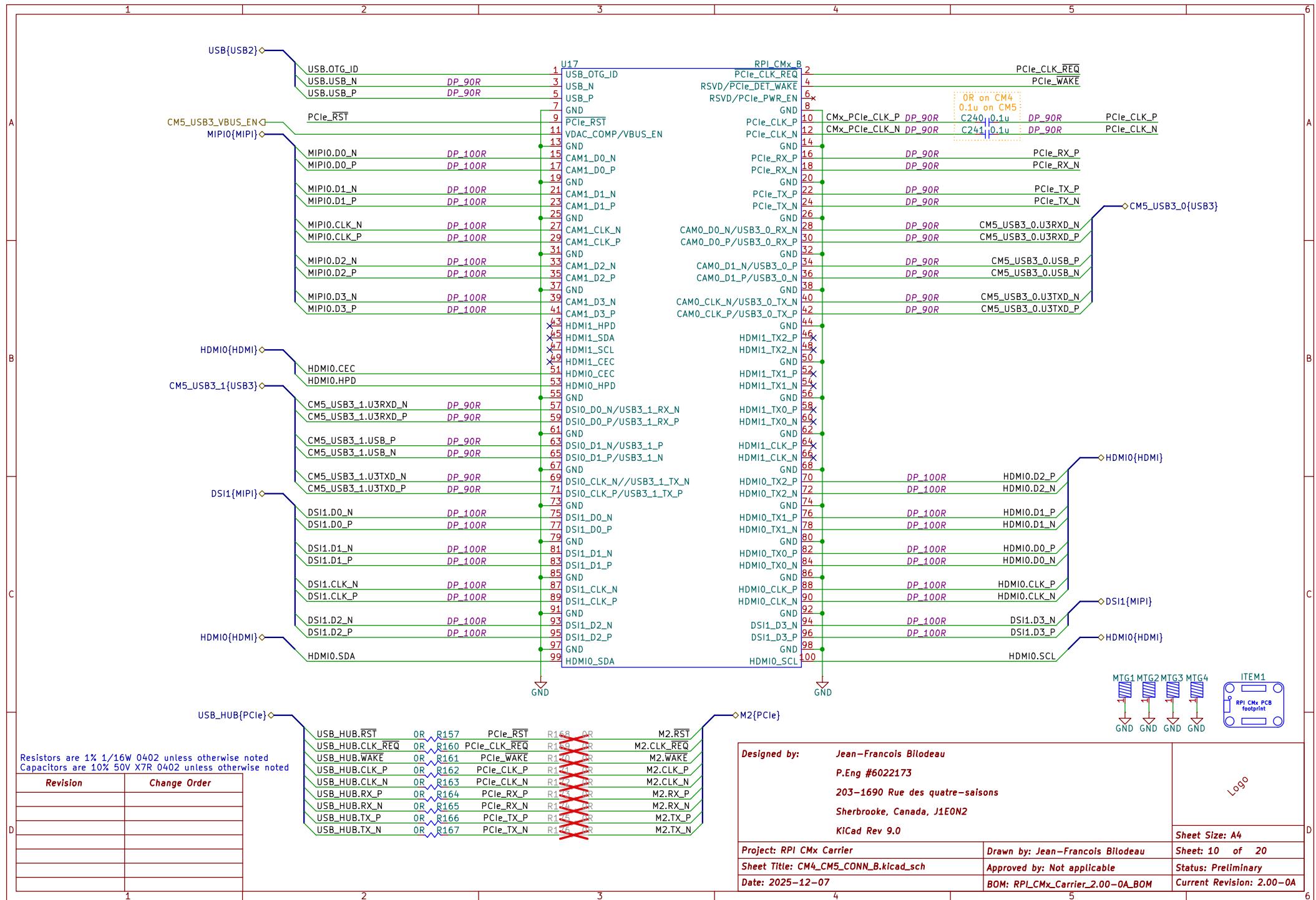
Resistors are 1% 1/16W 0402 unless otherwise noted
Capacitors are 10% 50V X7R 0402 unless otherwise noted

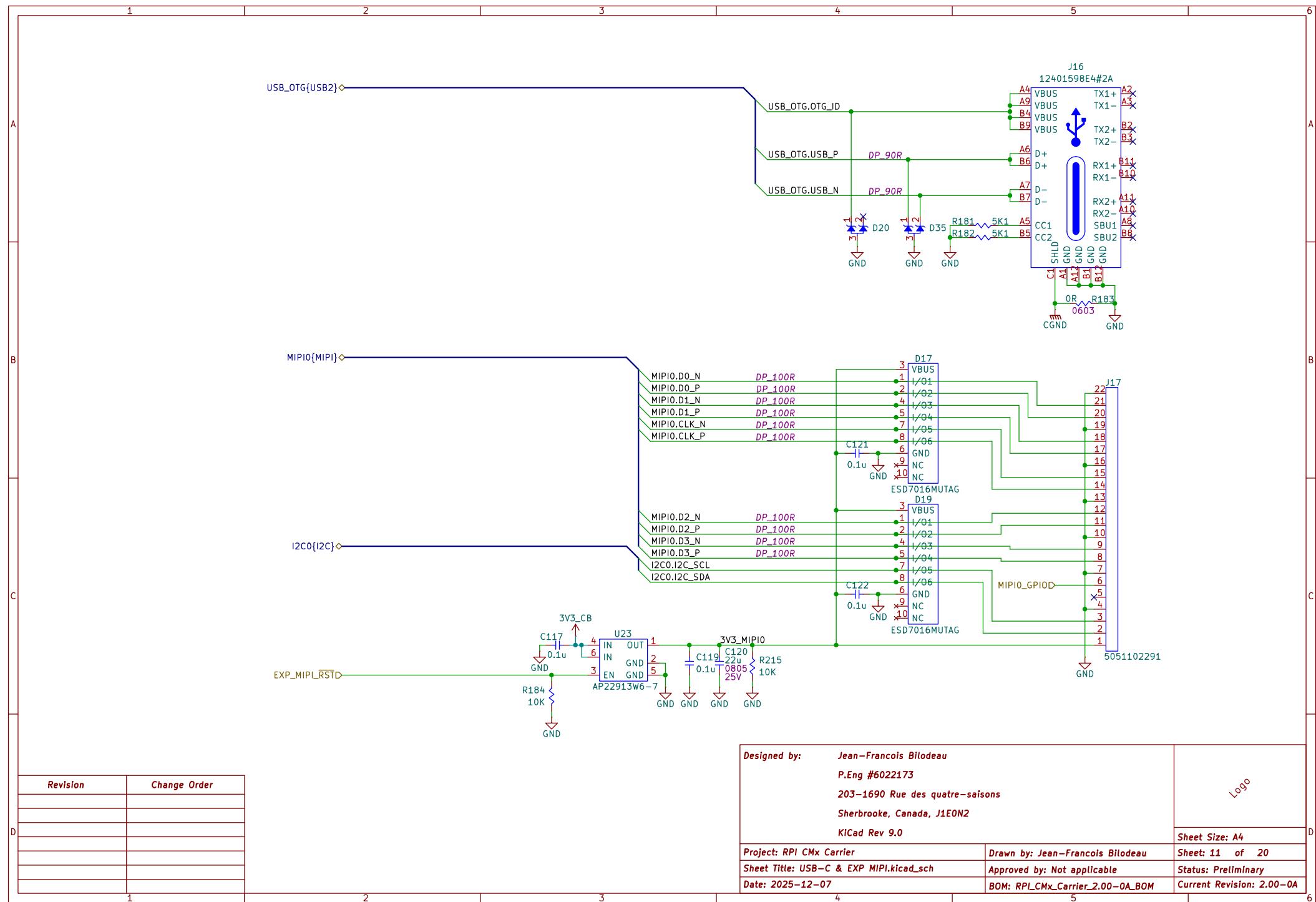
Designed by: Jean-Francois Bilodeau
P.Eng #6022173
203-1690 Rue des quatre-saisons
Sherbrooke, Canada, J1E0N2
KiCad Rev 9.0

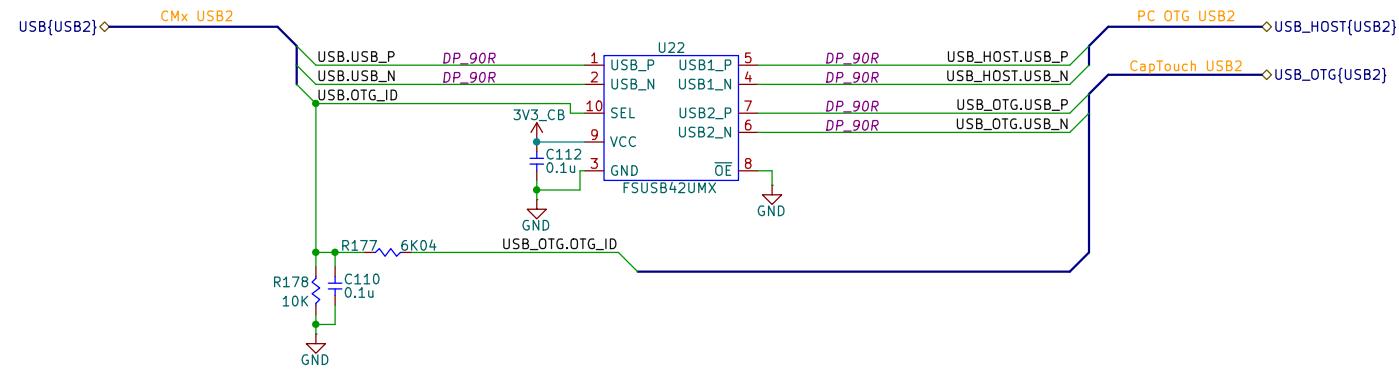
Project: RPI CMx Carrier	Drawn by: Jean-François Bilodeau	Sheet: 8 of 20
Sheet Title: Ethernet.kicad_sch	Approved by: Not applicable	Status: Preliminary
Date: 2025-12-07	BOM: RPI_CMx_Carrier_2.00-0A_BOM	Current Revision: 2.00-0A

Logo





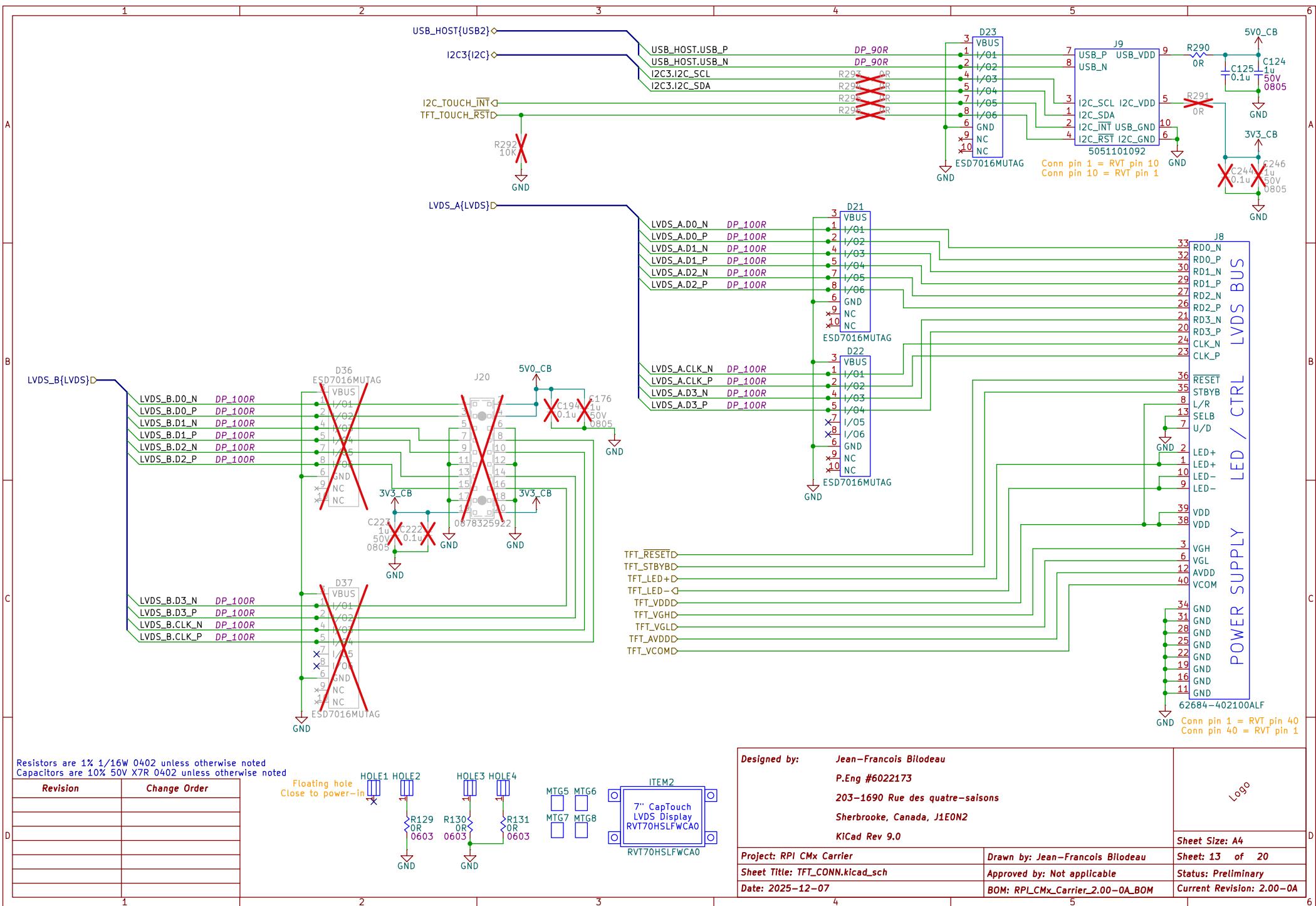


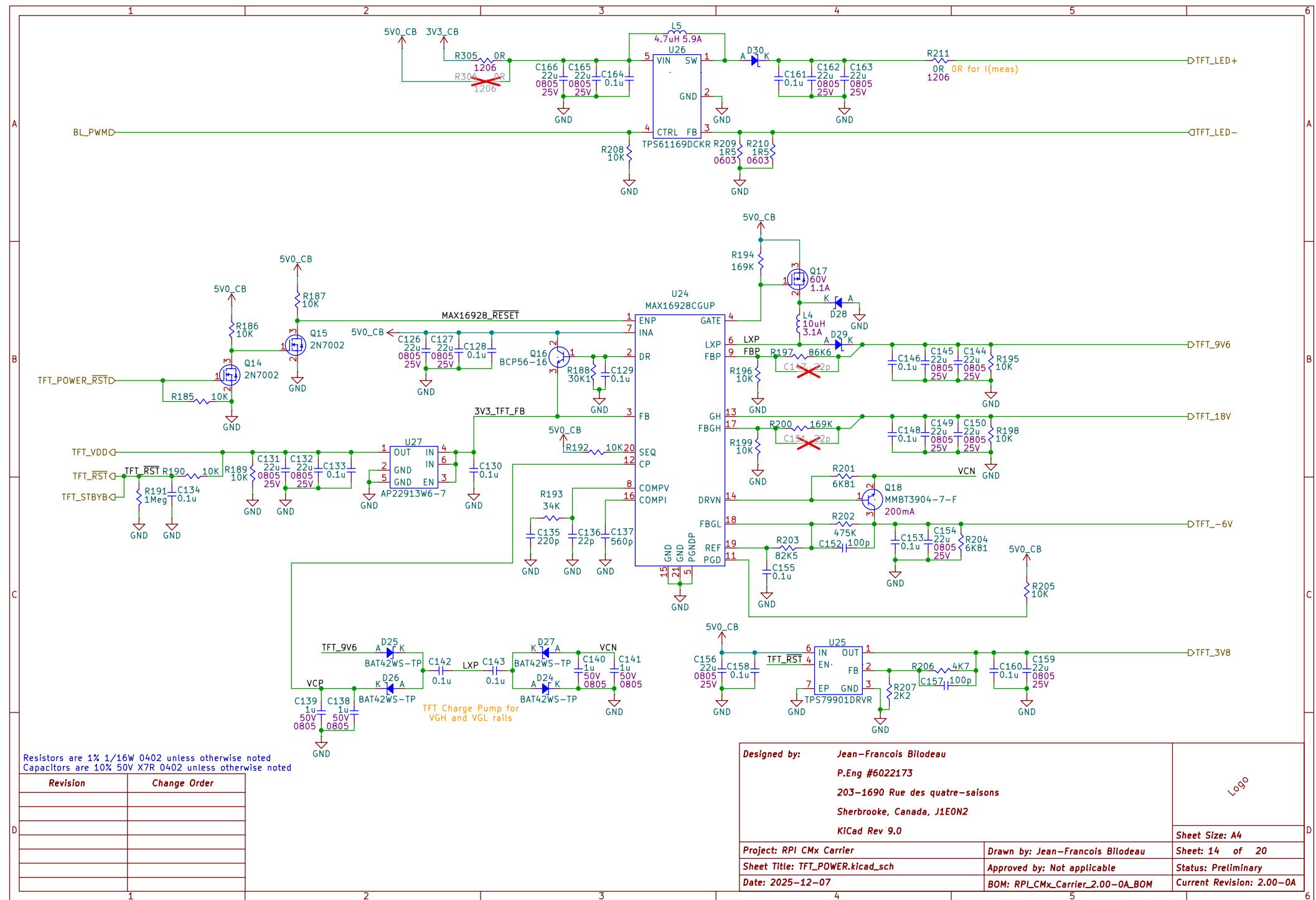


Resistors are 1% 1/16W 0402 unless otherwise noted
Capacitors are 10% 50V X7R 0402 unless otherwise noted

Designed by: *Jean-Francois Bilodeau*
P.Eng #6022173
203-1690 Rue des quatre-saisons
Sherbrooke, Canada, J1EON2
KIC, I.P., S.C.

Project: RPI_CMx_Carrier	Drawn by: Jean-Francois Bilodeau	Sheet Size: A4
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
		Sheet: 12 of 20





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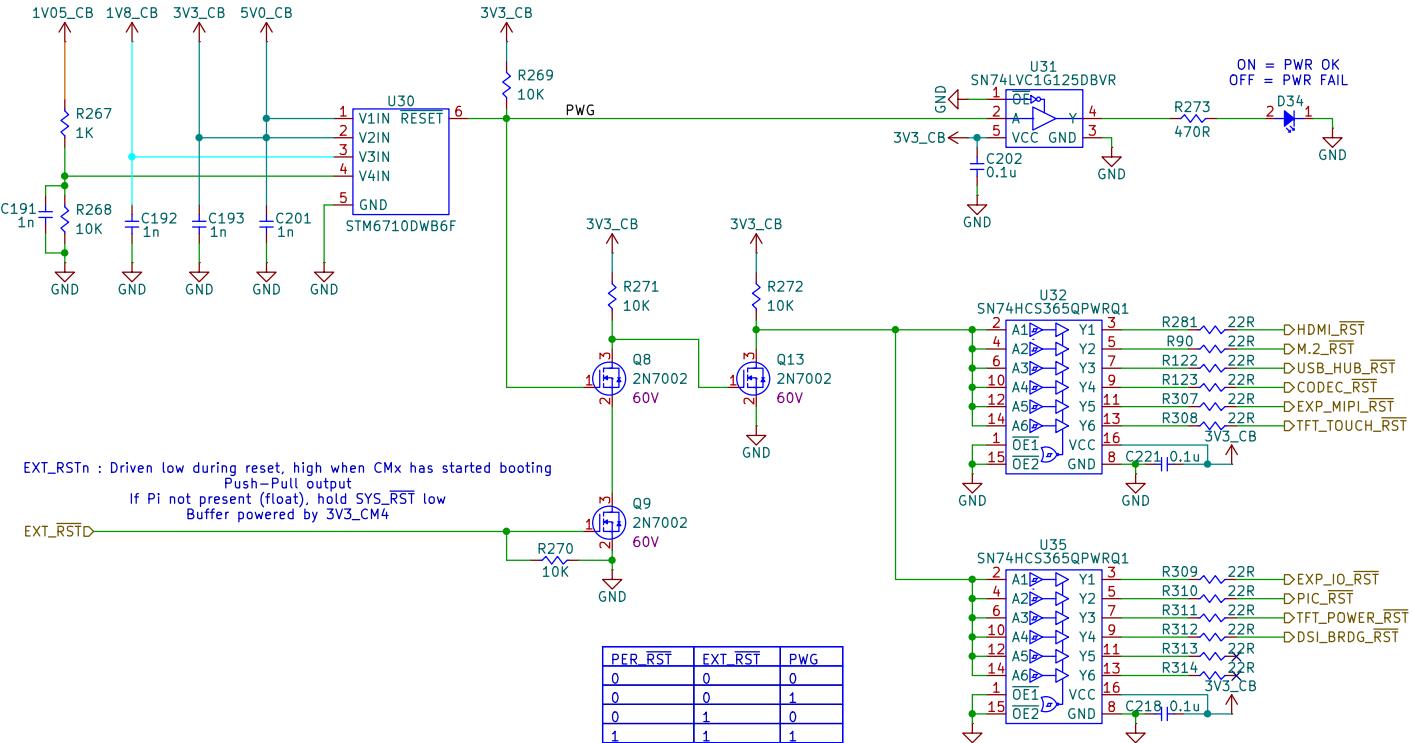
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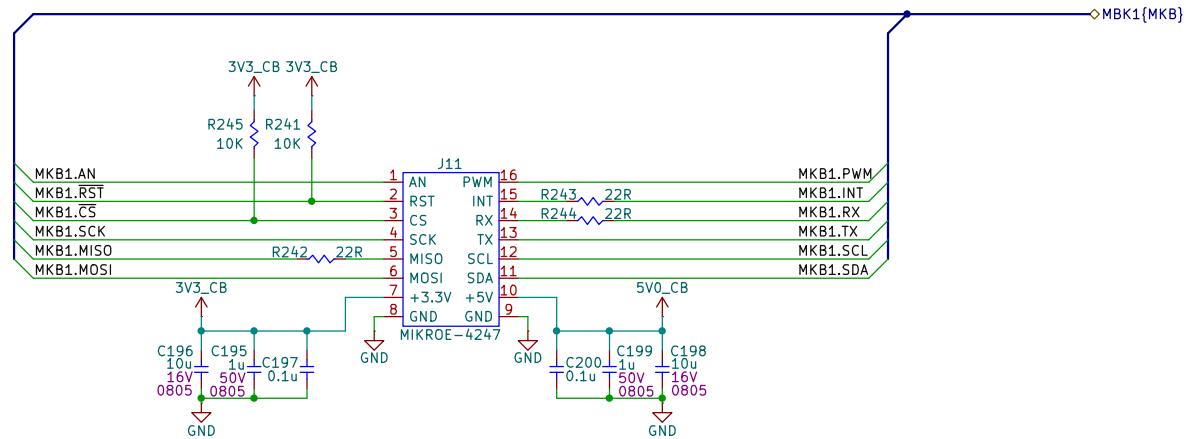
Resistors are 1% 1/16W 0402 unless otherwise noted
Capacitors are 10% 50V X7R 0402 unless otherwise noted

Revision	Change Order

Designed by: Jean-Francois Bilodeau
P.Eng #6022173
203-1690 Rue des quatre-saisons
Sherbrooke, Canada, J1E0N2
KiCad Rev 9.0

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: RPL_CMx_Carrier_2.00-0A_BOM	Current Revision: 2.00-0A

Logo



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Revision	Change Order

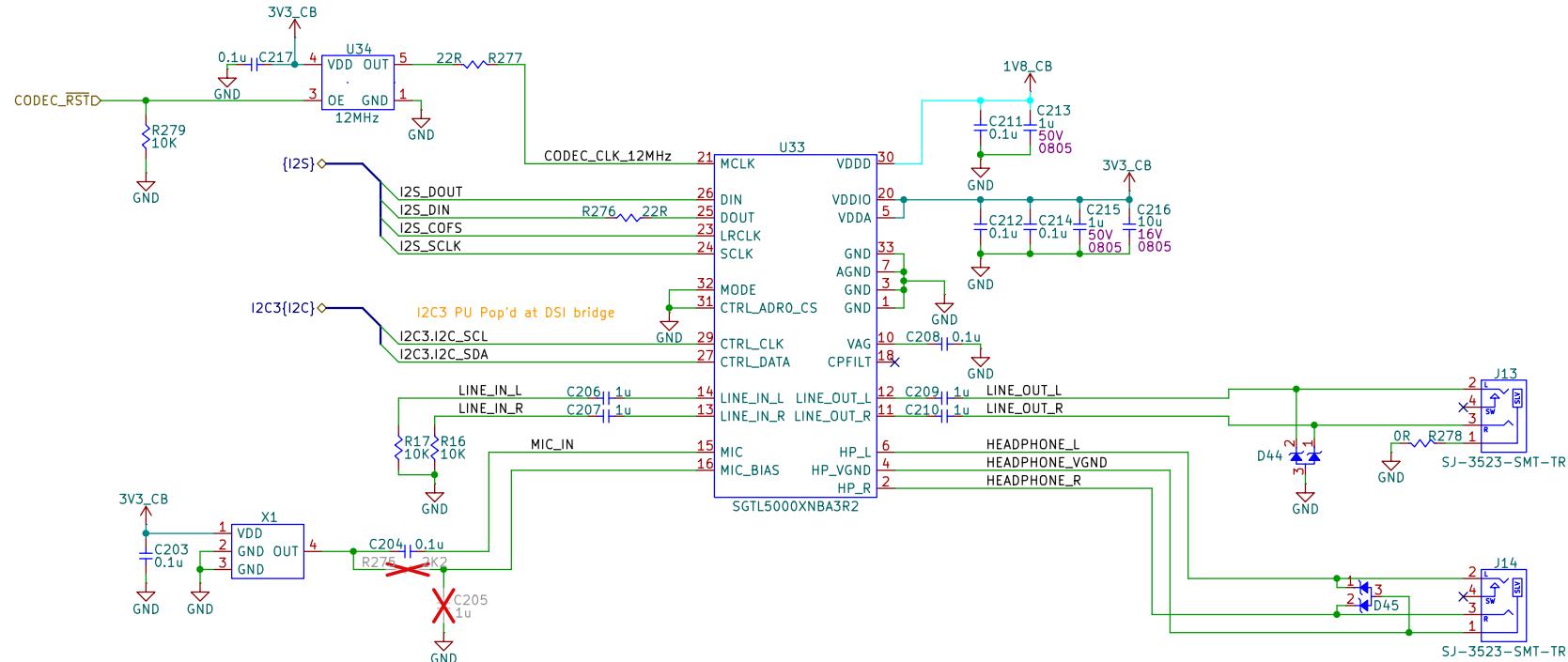
Designed by: Jean-Francois Bilodeau
 P.Eng #6022173
 203-1690 Rue des quatre-saisons
 Sherbrooke, Canada, J1EON2
 KiCad Rev 9.0

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

Logo

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Designed by: Jean-Francois Bilodeau
P.Eng #6022173
203-1690 Rue des quatre-saisons
Sherbrooke, Canada, J1EON2
KiCad Rev 9.0

Logo

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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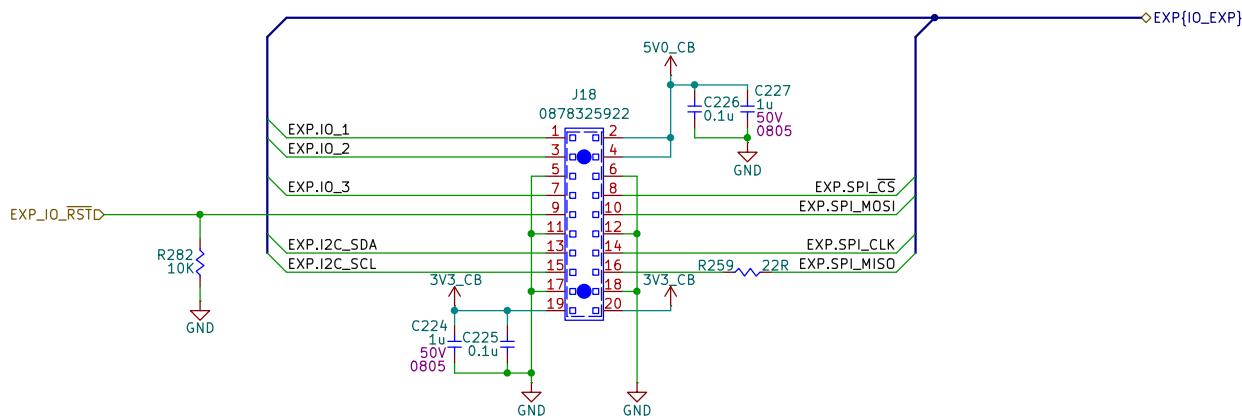
A

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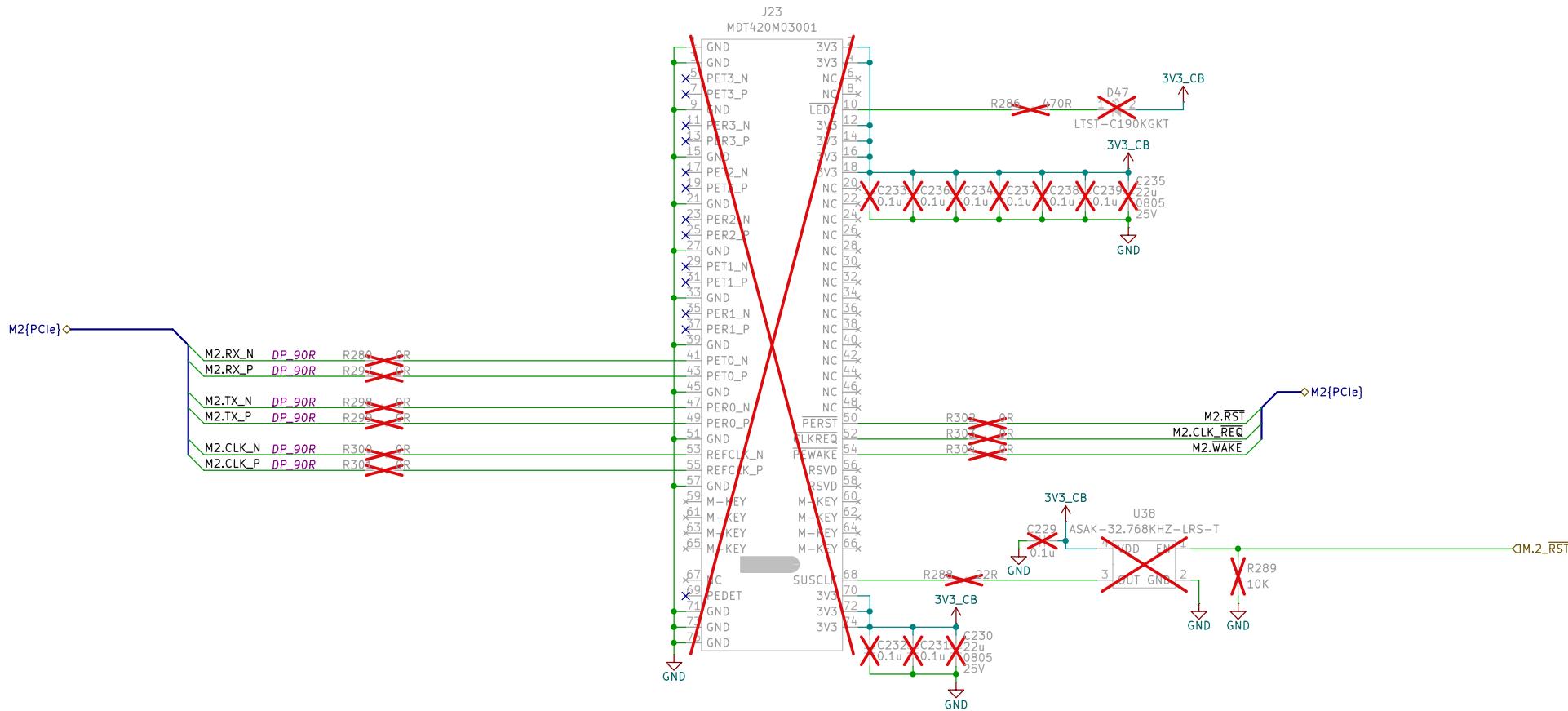


Revision	Change Order

Designed by: Jean-Francois Bilodeau
 P.Eng #6022173
 203-1690 Rue des quatre-saisons
 Sherbrooke, Canada, J1EON2
 KiCad Rev 9.0

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: RPL_CMx_Carrier_2.00-0A_BOM	Current Revision: 2.00-0A

Logo



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Designed by: Jean-François Bilodeau
P.Eng #6022173
203-1690 Rue des quatre-saisons
Sherbrooke, Canada, J1E0N2
KICad Rev 9.0

Project: RPI CMx Carrier	Drawn by: Jean-François Bilodeau	Sheet: 19 of 20
Sheet Title: M2_Expansion.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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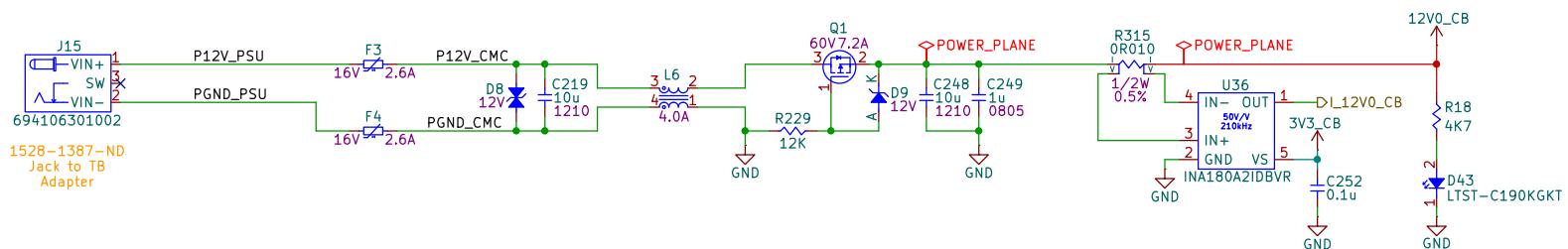
A

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Revision	Change Order

Designed by: Jean-Francois Bilodeau
P.Eng #6022173
203-1690 Rue des quatre-saisons
Sherbrooke, Canada, J1EON2
KiCad Rev 9.0

Logo

Sheet Size: A4
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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