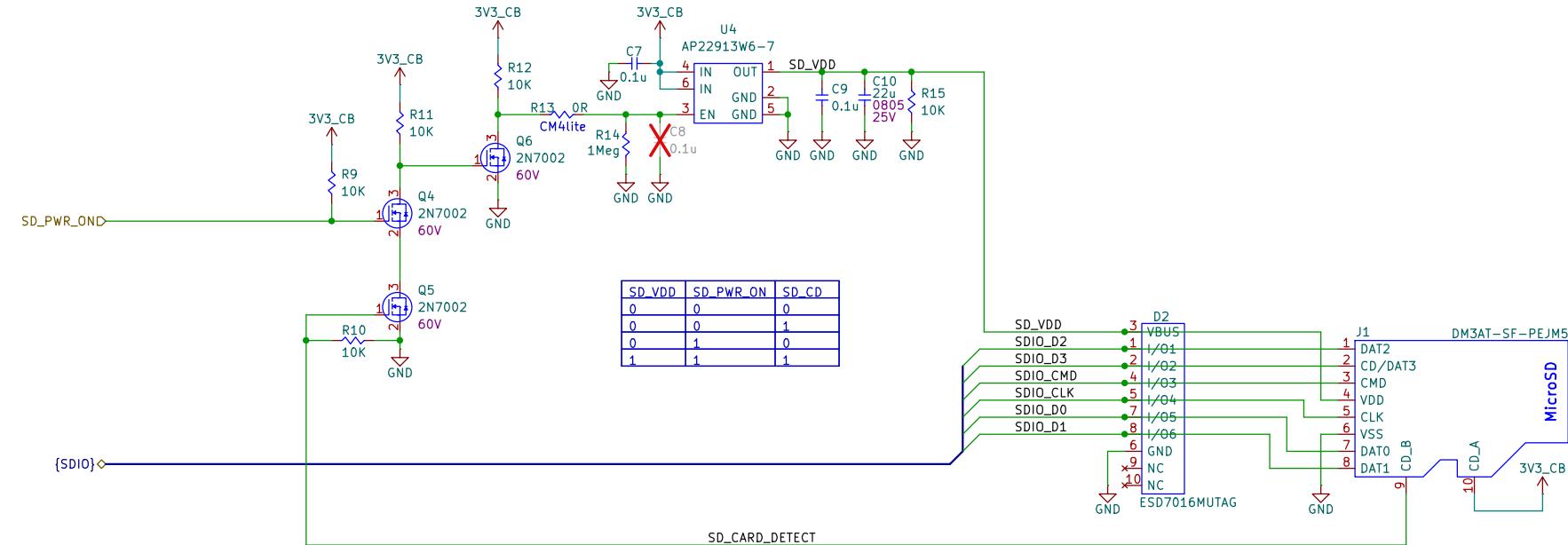


A



B

SD_VDD	SD_PWR_ON	SD_CD
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

1

2

3

4

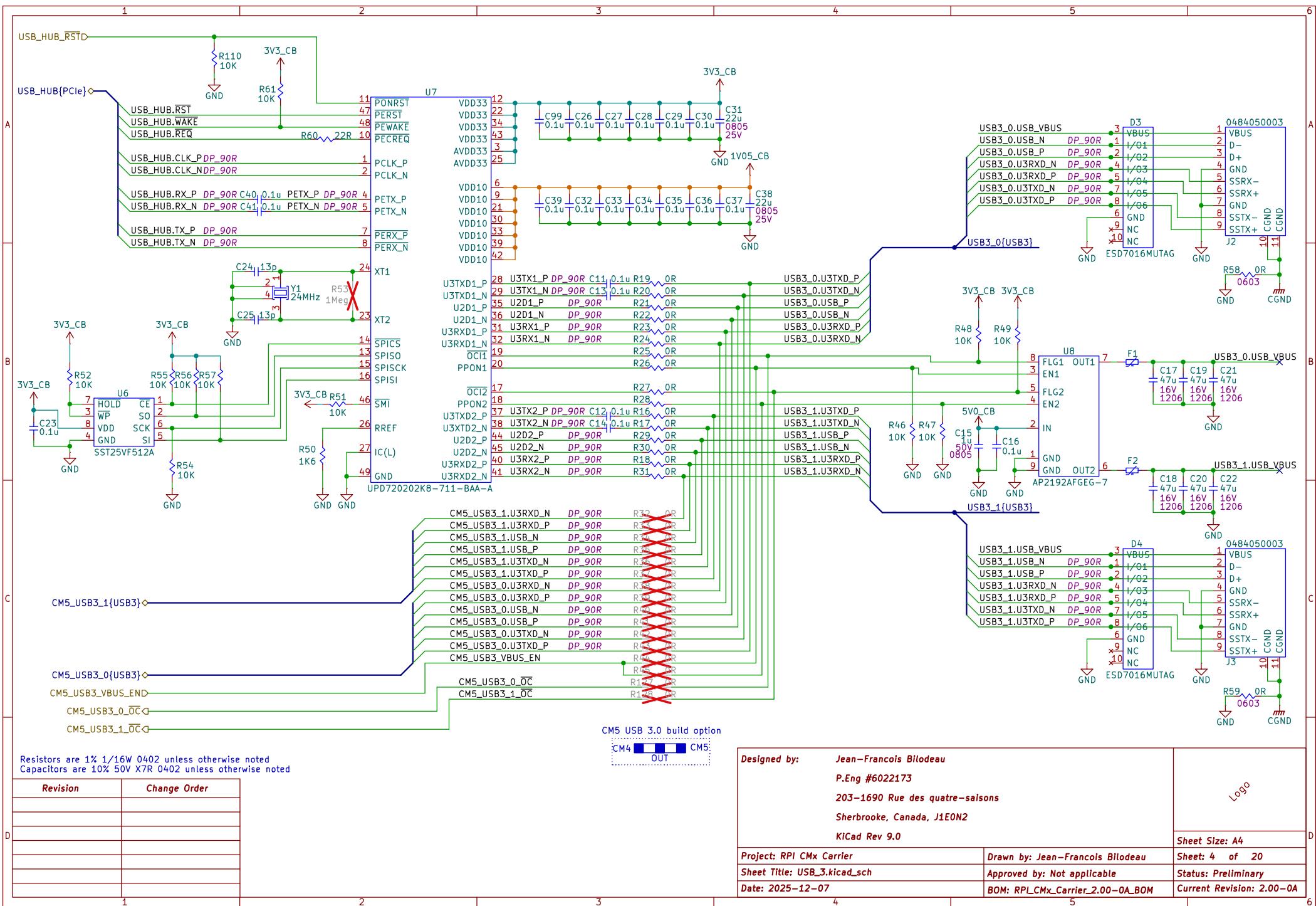
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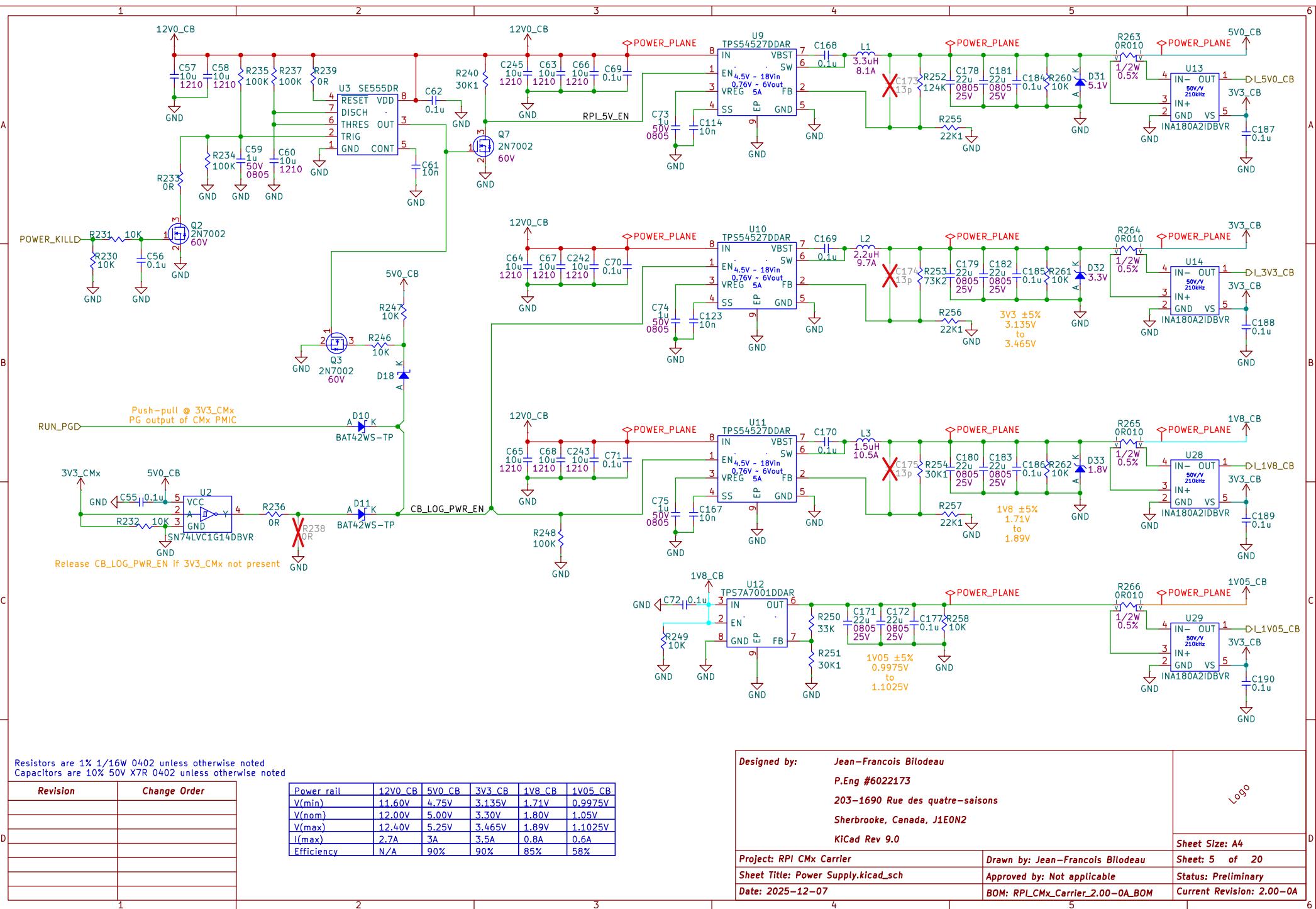
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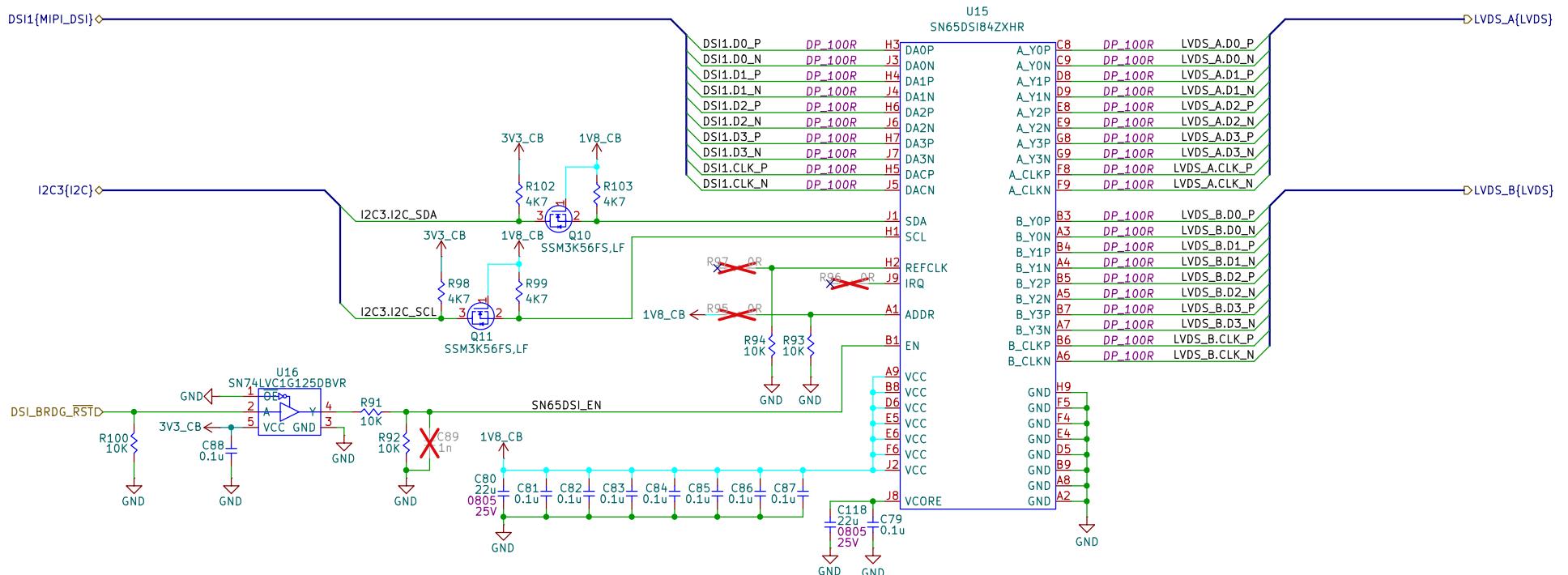
Designed by: Jean-Francois Bilodeau
P.Eng #6022173
203-1690 Rue des quatre-saisons
Sherbrooke, Canada, J1EON2
KiCad Rev 9.0

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
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Sherbrooke, Canada, J1E0N2

KiCad Rev 9.0

Project: RPI CMx Carrier

Sheet Title: DSI_LVDS_bridge.kicad_

Date: 2025-12-07

4

Project: RPI_Cmx_Carrier	Drawn by: Jean-François Bilodeau	Sheet: 6 or 20
Sheet Title: DSI_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

A

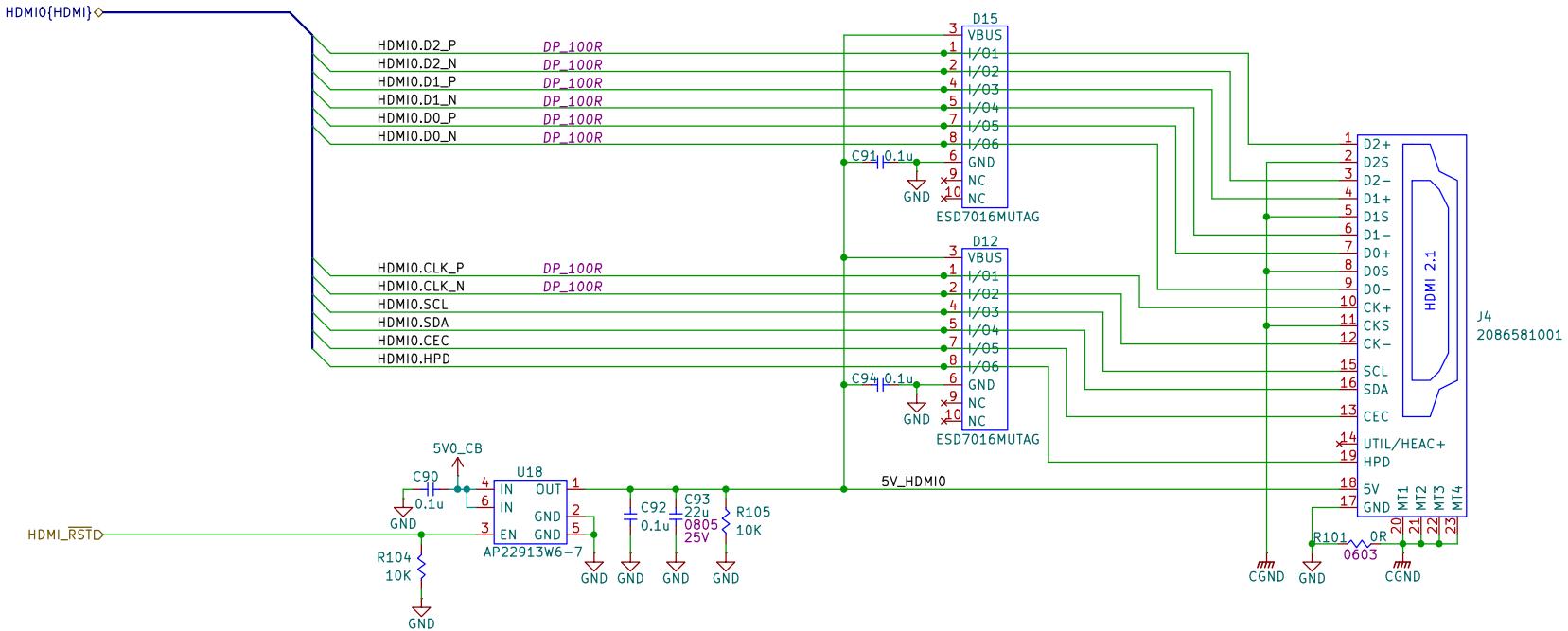
A

B

B

C

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
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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

Logo

1 2 3 4 5 6

A

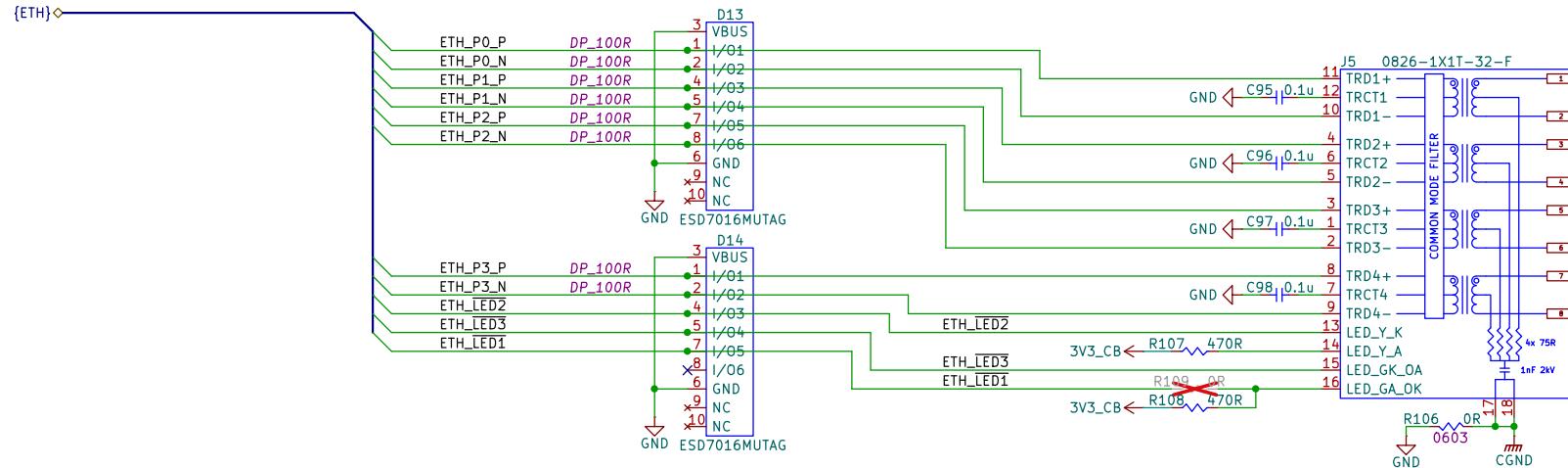
A

B

B

C

C



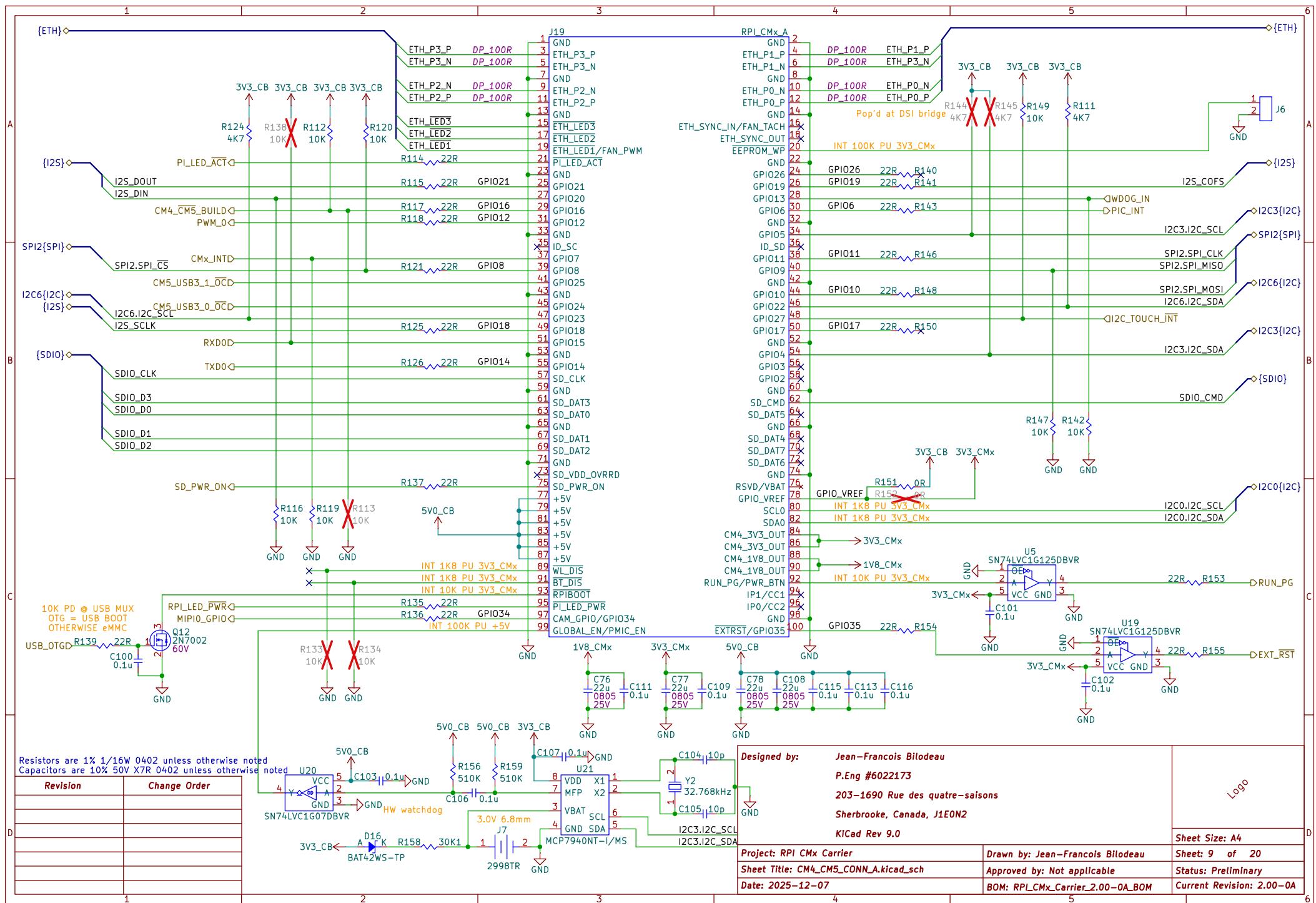
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Capacitors are 10% 50V X7R 0402 unless otherwise noted

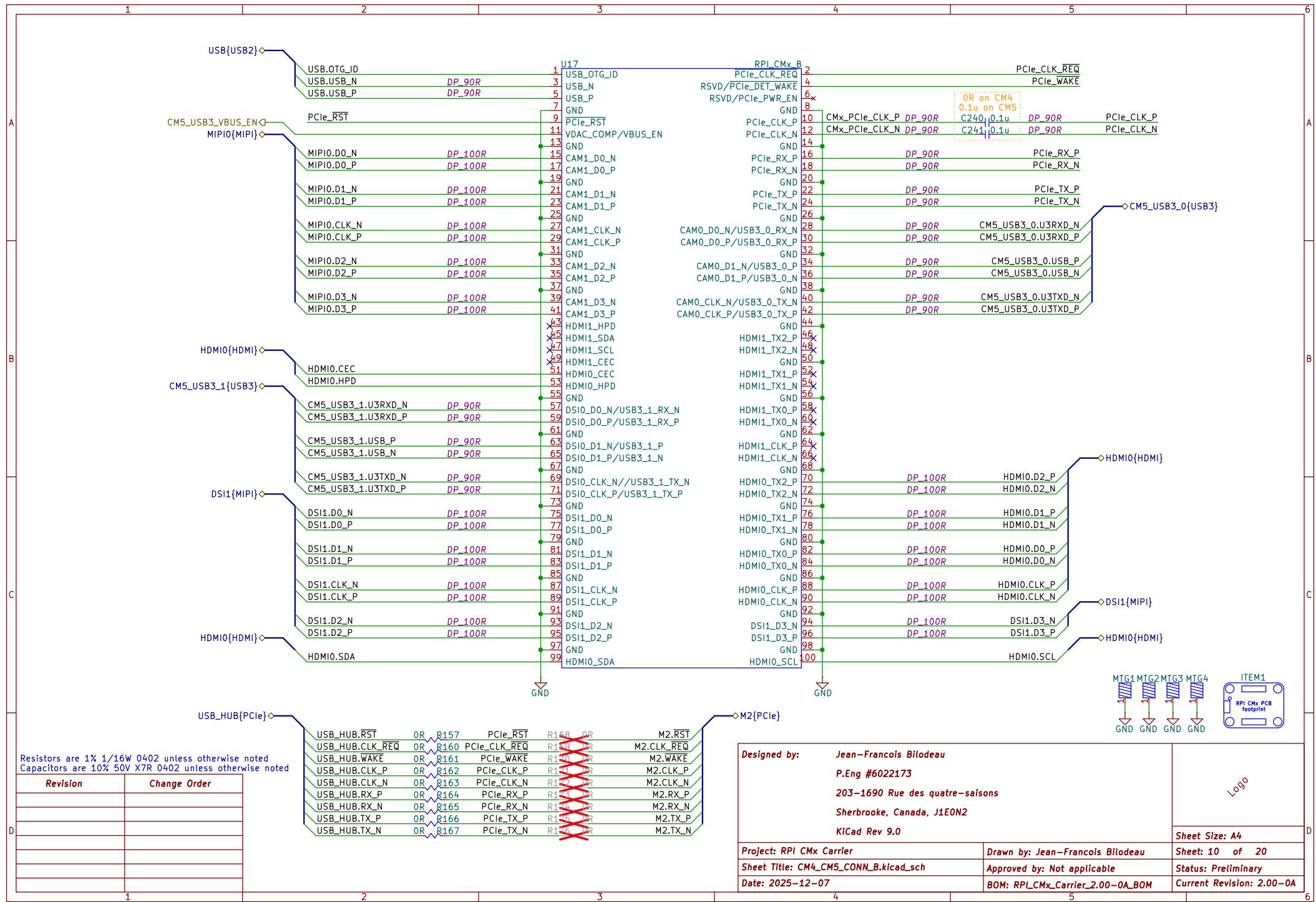
Revision	Change Order

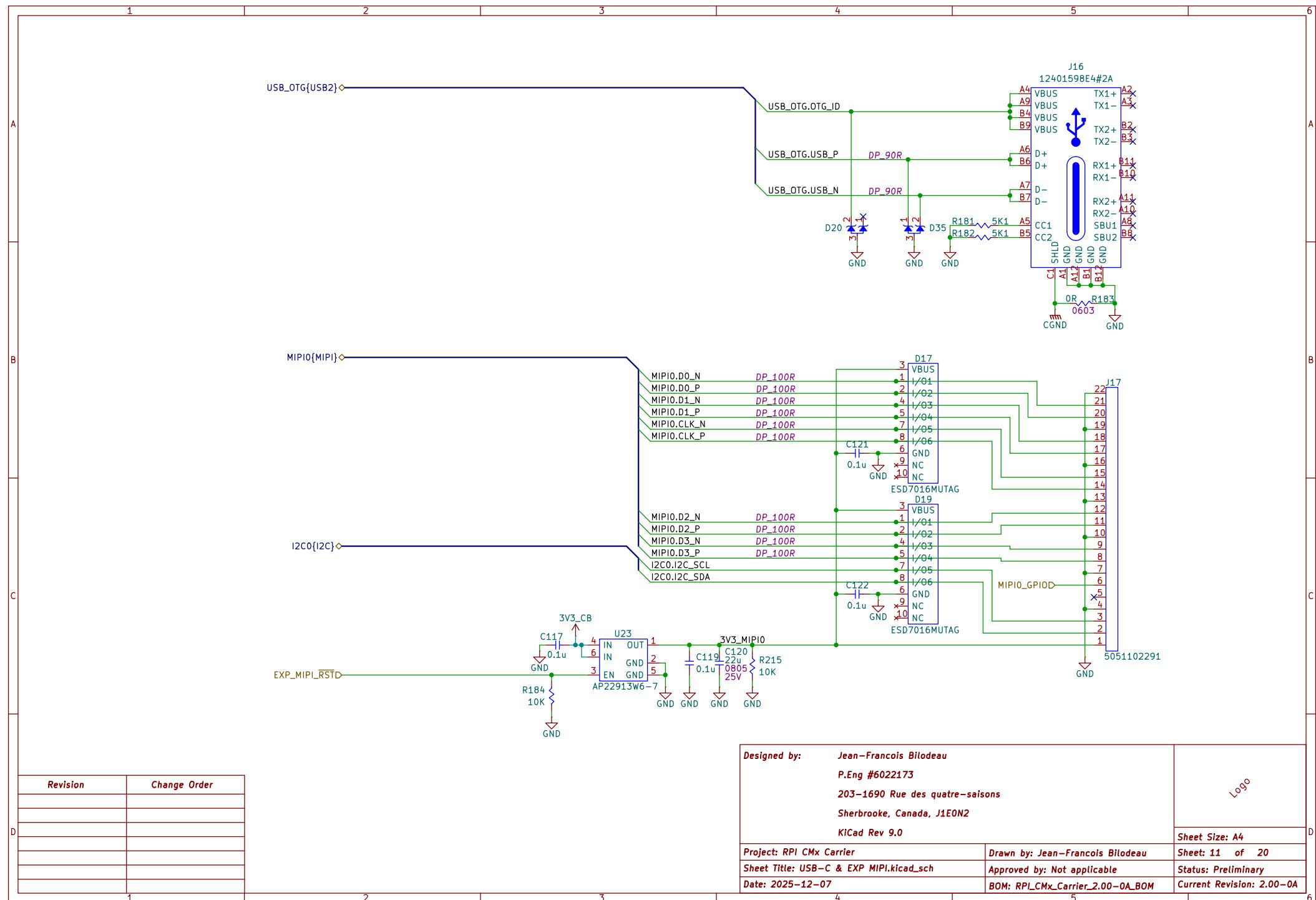
Designed by: Jean-Francois Bilodeau
P.Eng #6022173
203-1690 Rue des quatre-saisons
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Project: RPI CMx Carrier	Drawn by: Jean-Francois Bilodeau	Sheet: 8 of 20
Sheet Title: Ethernet.kicad_sch	Approved by: Not applicable	Status: Preliminary
Date: 2025-12-07	BOM: RPLCMxCarrier_2.00-0A_BOM	Current Revision: 2.00-0A

Logo







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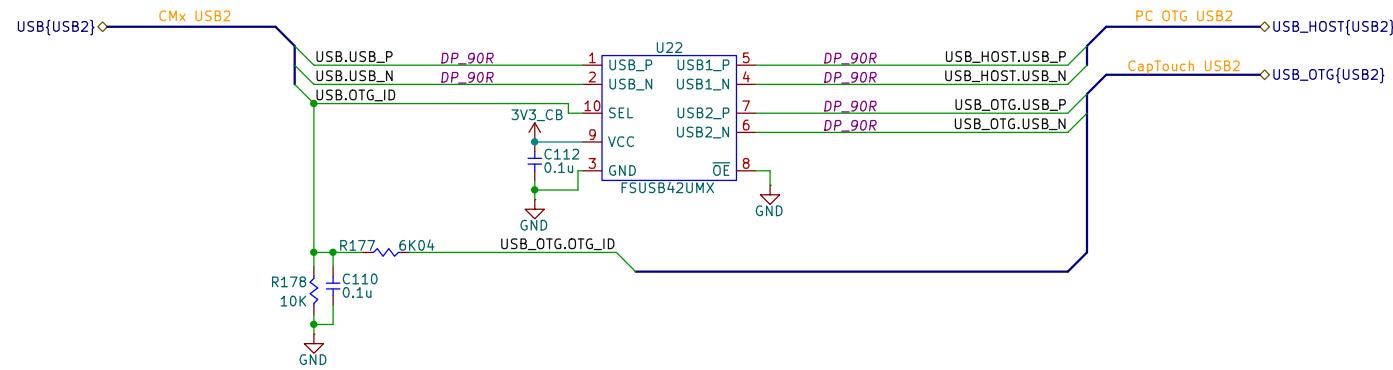
A

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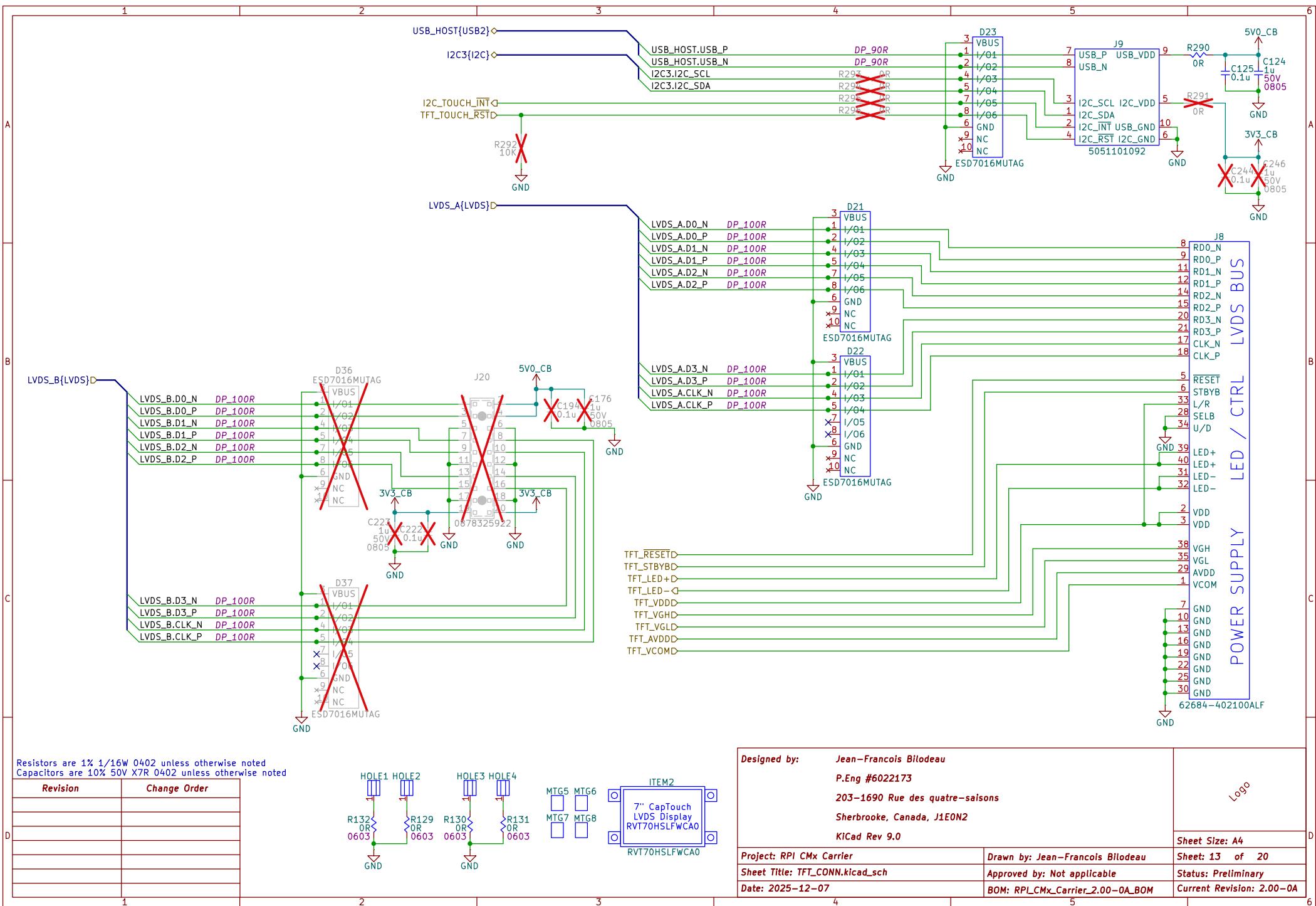
Resistors are 1% 1/16W 0402 unless otherwise noted
 Capacitors are 10% 50V X7R 0402 unless otherwise noted

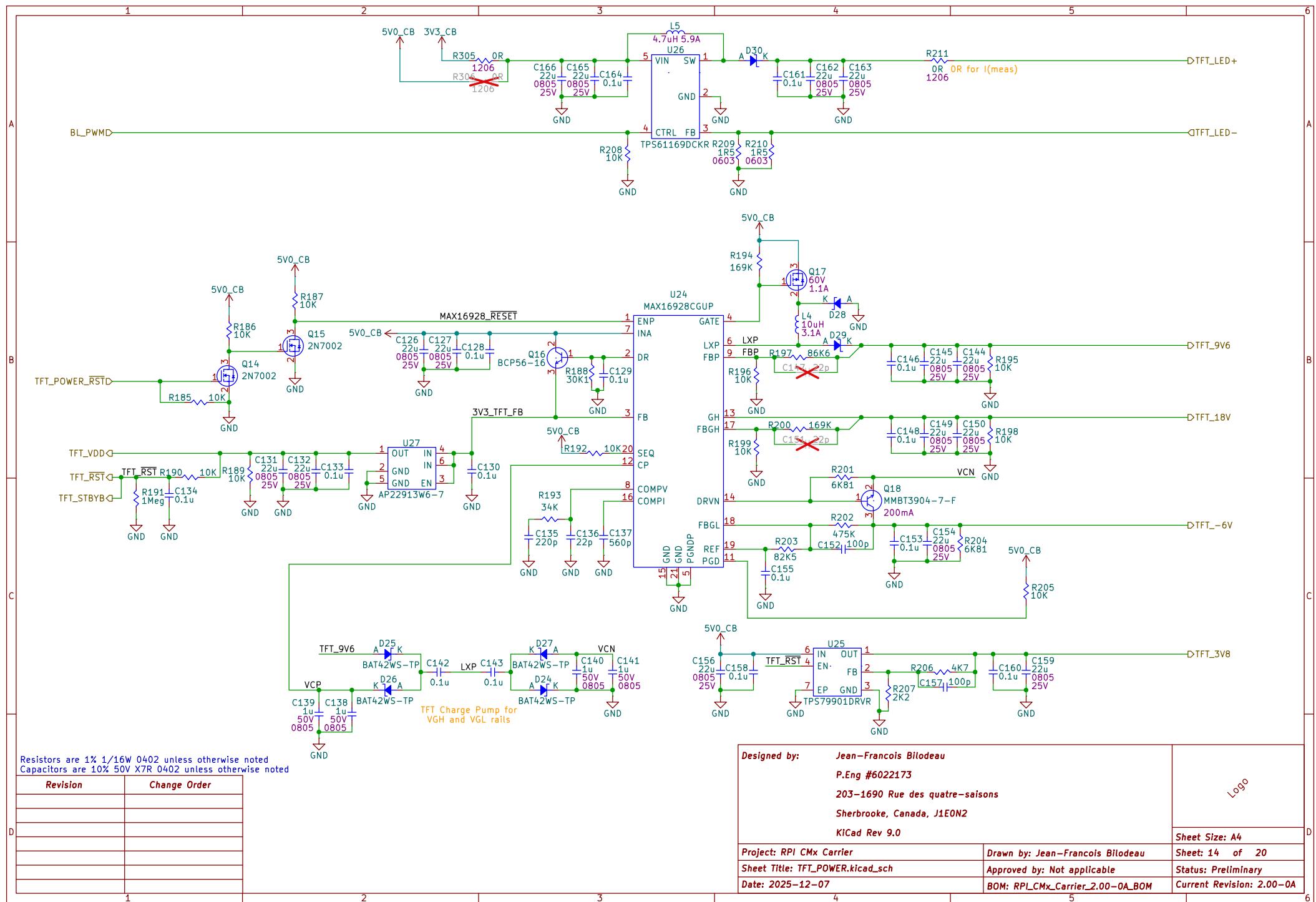
Revision	Change Order

Designed by: Jean-Francois Bilodeau
 P.Eng #6022173
 203-1690 Rue des quatre-saisons
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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





A

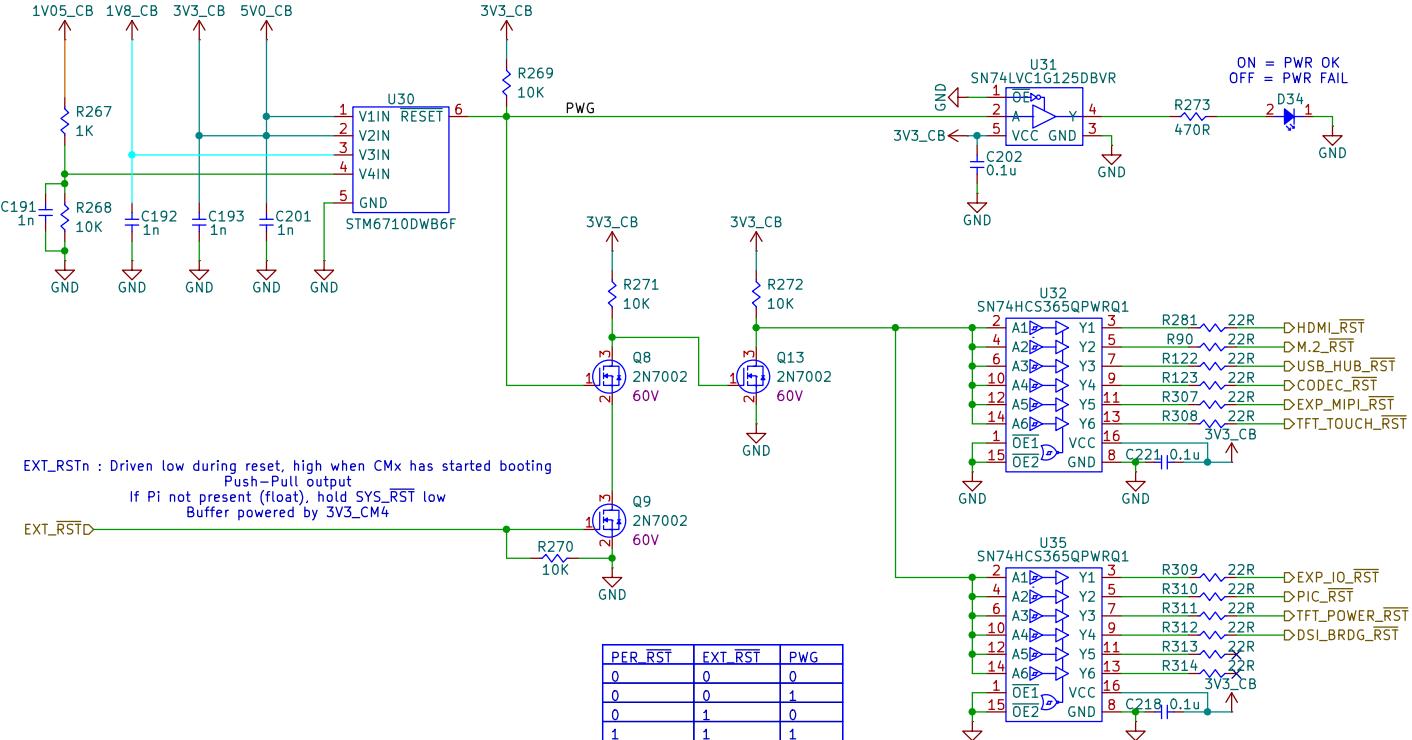
A

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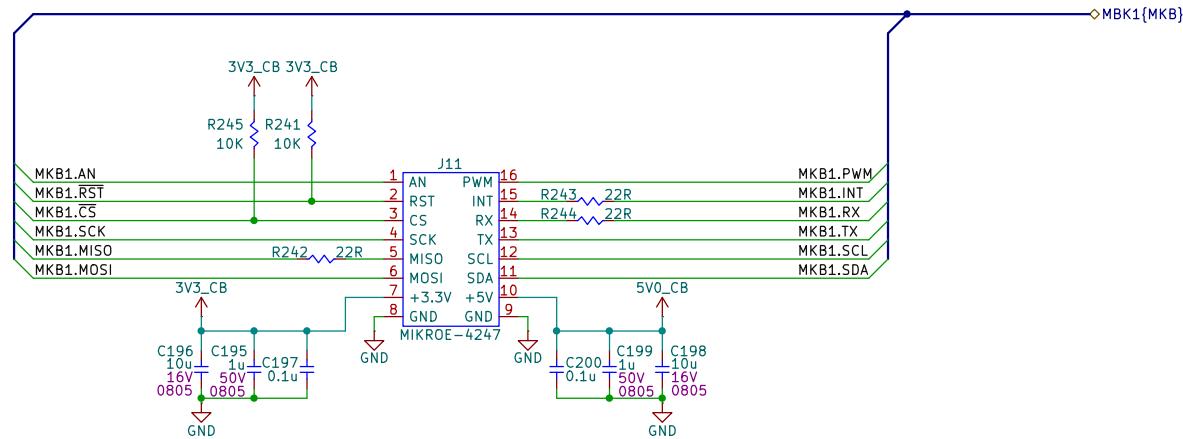
Resistors are 1% 1/16W 0402 unless otherwise noted
Capacitors are 10% 50V X7R 0402 unless otherwise noted

Revision	Change Order

Designed by: Jean-Francois Bilodeau
P.Eng #6022173
203-1690 Rue des quatre-saisons
Sherbrooke, Canada, J1E0N2
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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: RPL_CMx_Carrier_2.00-0A_BOM	Current Revision: 2.00-0A

Logo

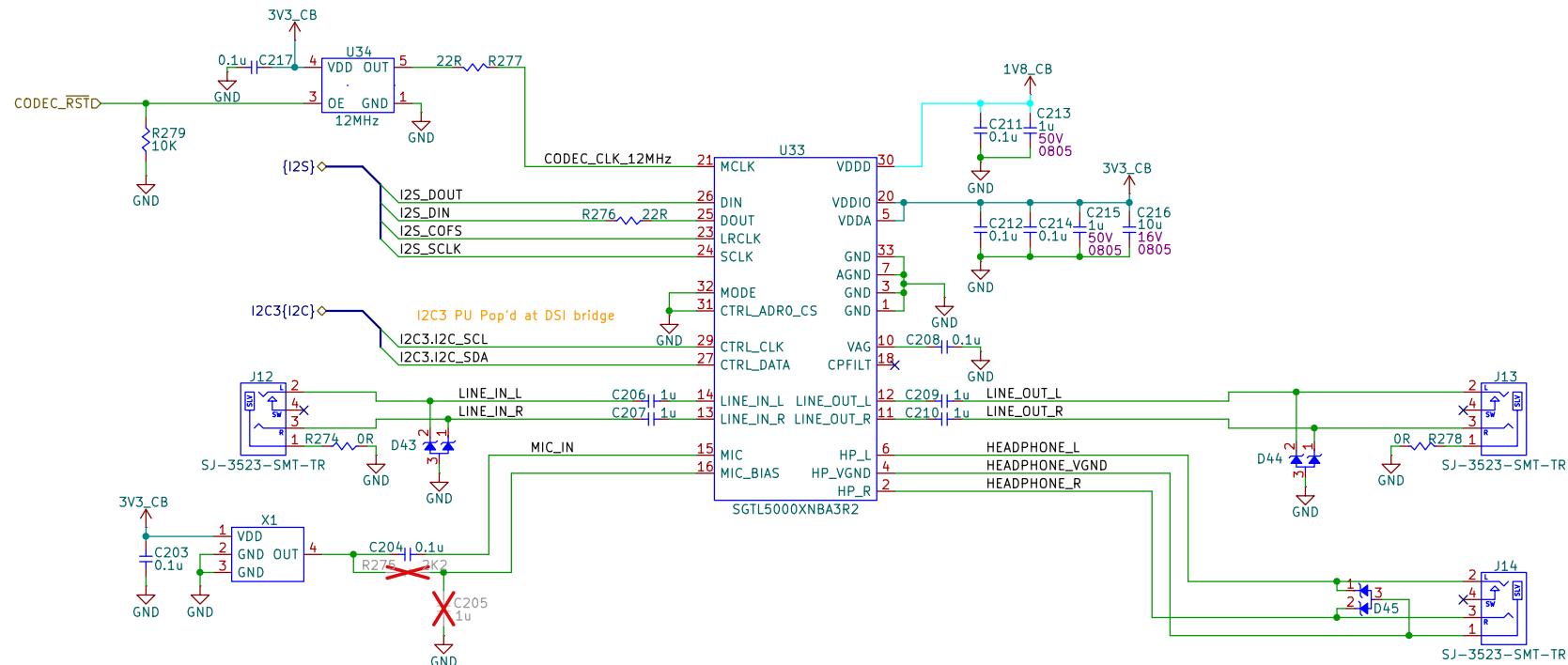


Revision	Change Order

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: 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



Revision	Change Order

Designed by: Jean-Francois Bilodeau
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203-1690 Rue des quatre-saisons
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Project: RPI_CMx_Carrier	Drawn by: Jean-François Bilodeau	Sheet: 17 of 20
Sheet Title: AUDIO_CODEC.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

A

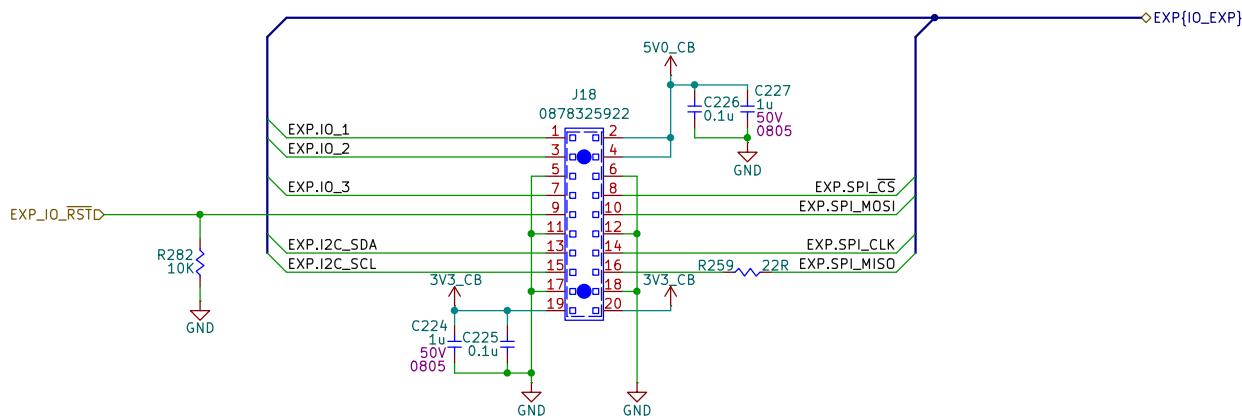
A

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Revision	Change Order

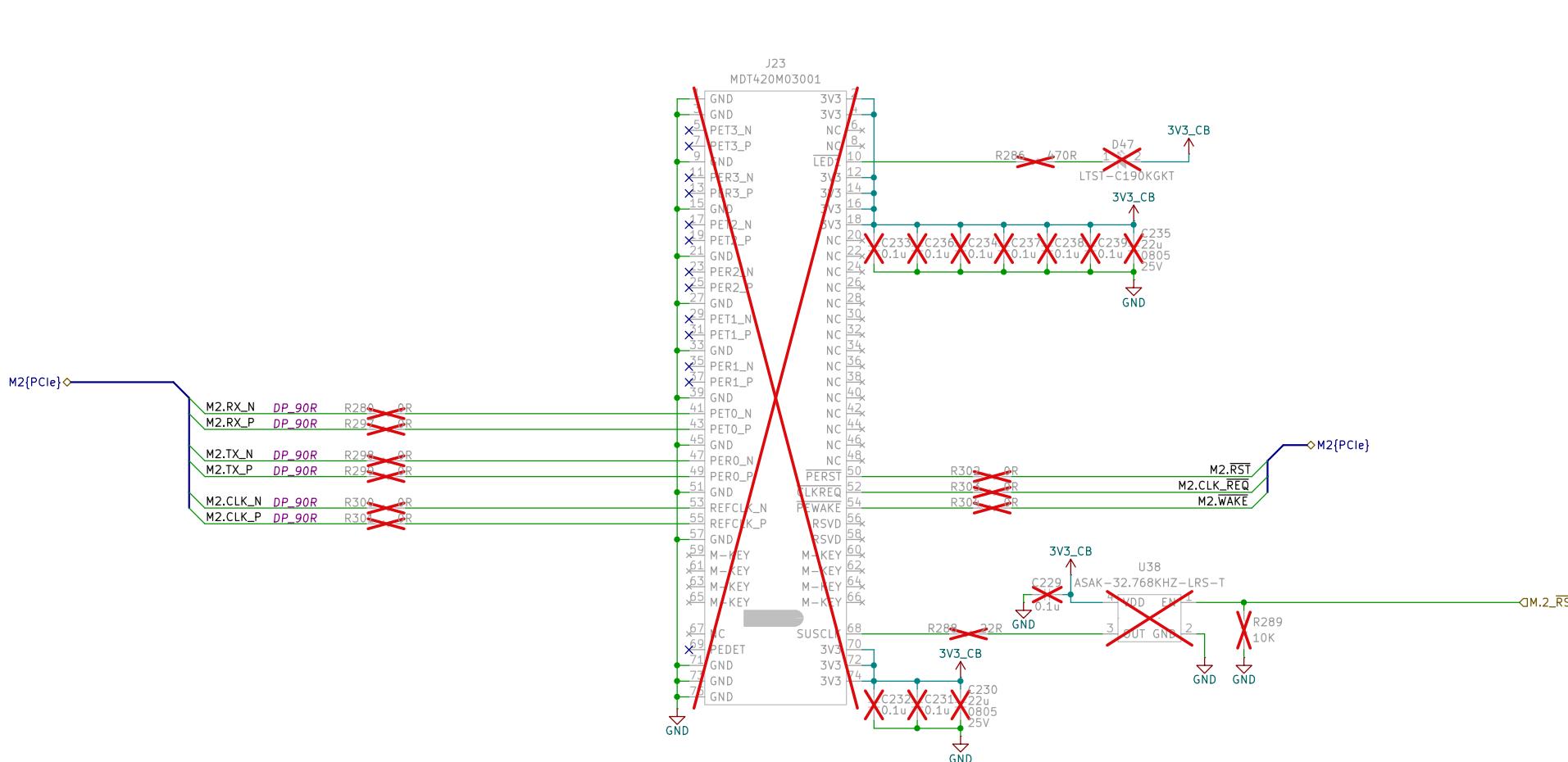
Designed by: Jean-Francois Bilodeau
 P.Eng #6022173
 203-1690 Rue des quatre-saisons
 Sherbrooke, Canada, J1EON2
 KiCad Rev 9.0

Logo

Sheet Size: A4
 Project: RPI CMx Carrier Drawn by: Jean-Francois Bilodeau Sheet: 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

D

D



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

KICad Rev 9.0		Sheet Size: A4
Project: RPI CMx Carrier	Drawn by: Jean-Francois 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

