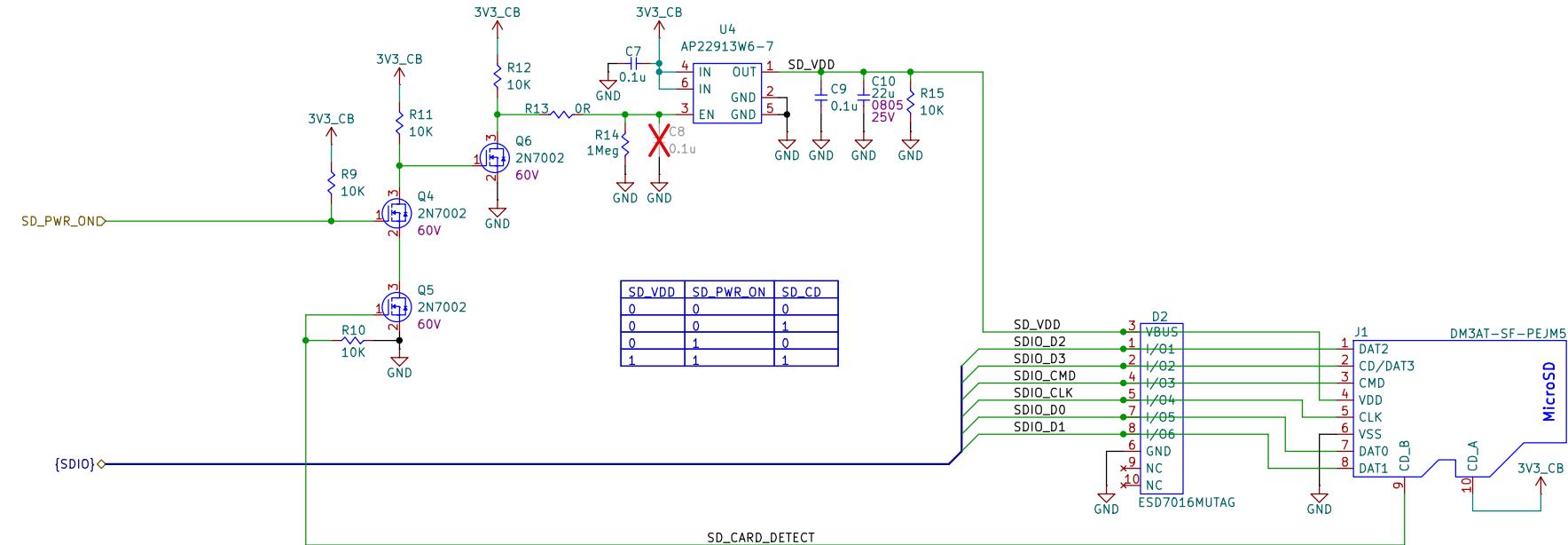


A



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

5

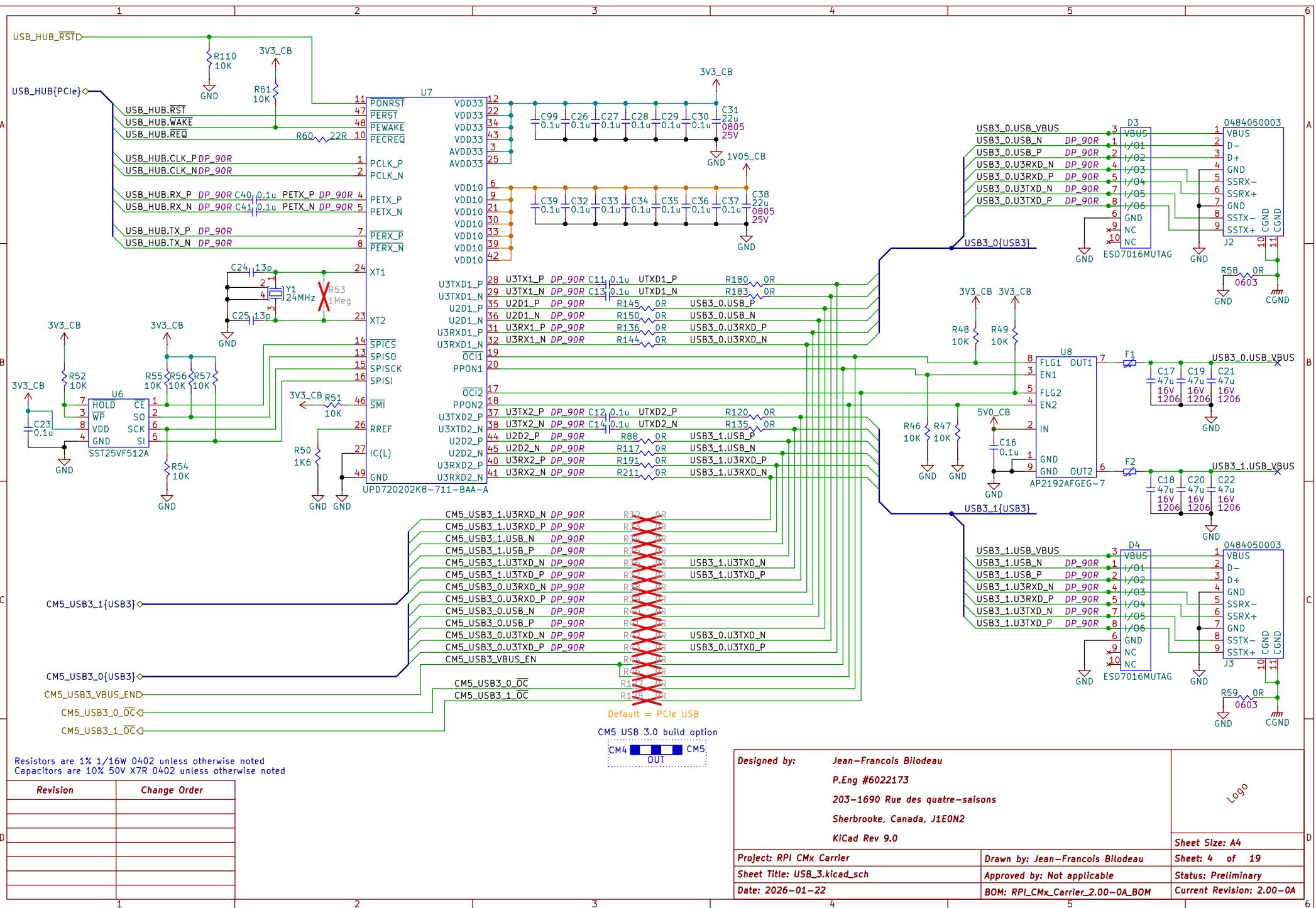
6

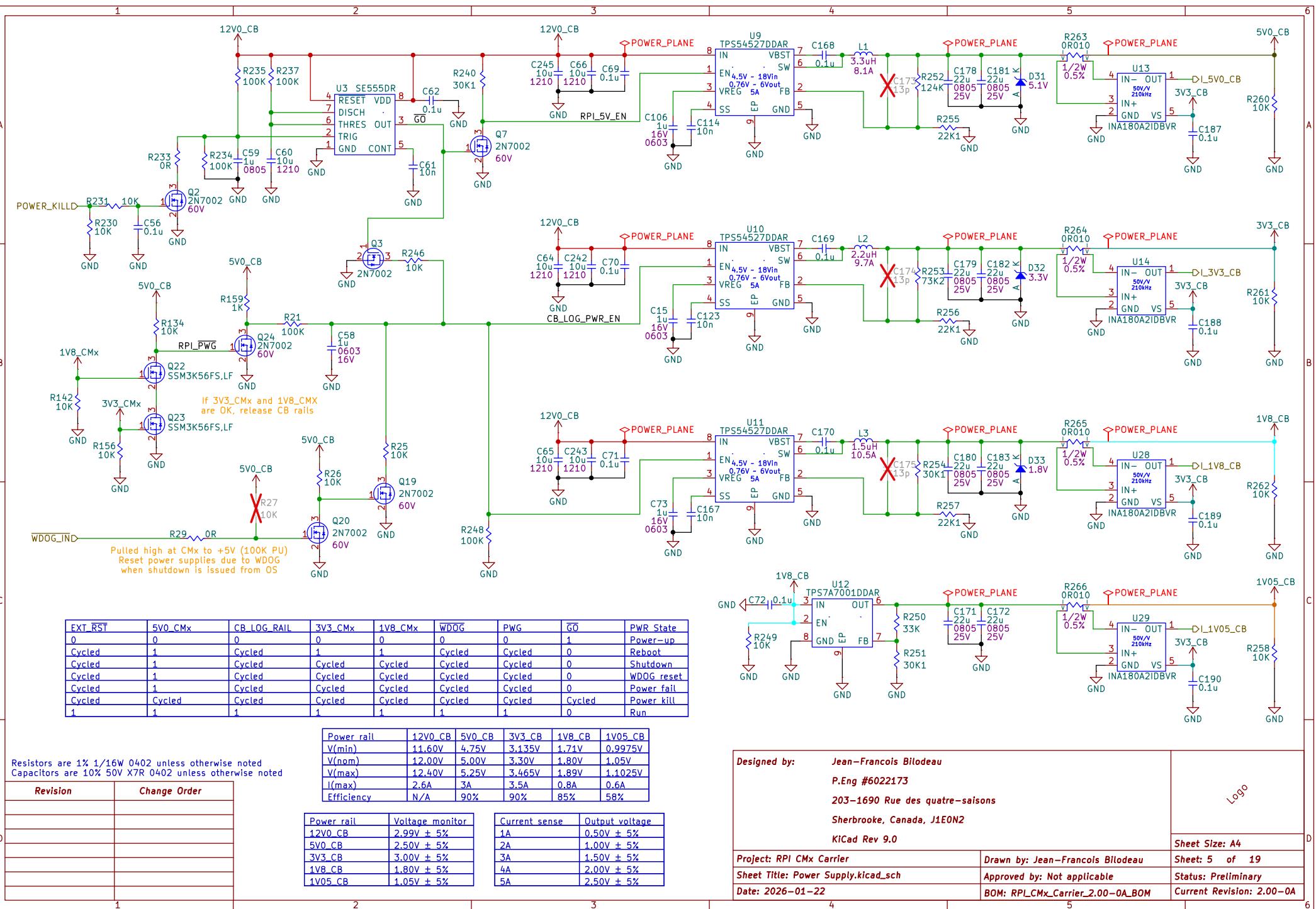
Designed by: Jean-Francois Bilodeau  
P.Eng #6022173  
203-1690 Rue des quatre-saisons  
Sherbrooke, Canada, J1EON2  
KiCad Rev 9.0

Project: RPI CMx Carrier	Drawn by: Jean-Francois Bilodeau	Sheet: 3 of 19
Sheet Title: SD_CARD.kicad_sch	Approved by: Not applicable	Status: Preliminary
Date: 2026-01-22	BOM: RPL_CMx_Carrier_2.00-0A_BOM	Current Revision: 2.00-0A

Logo

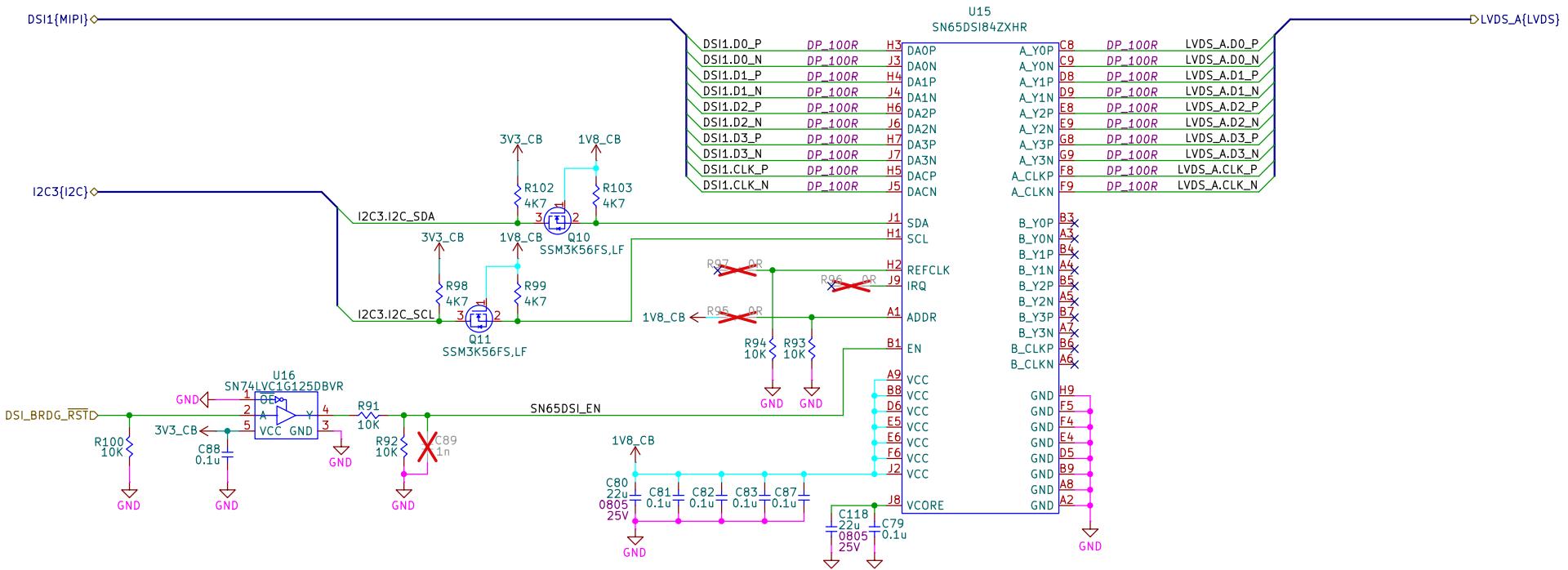
Sheet Size: A4





A

A



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

5

6

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: 6 of 19
Sheet Title: DSL_LVDS_bridge.kicad_sch	Approved by: Not applicable	Status: Preliminary
Date: 2026-01-22	BOM: RPL_CMx_Carrier_2.00-0A_BOM	Current Revision: 2.00-0A

Logo

Sheet Size: A4

A

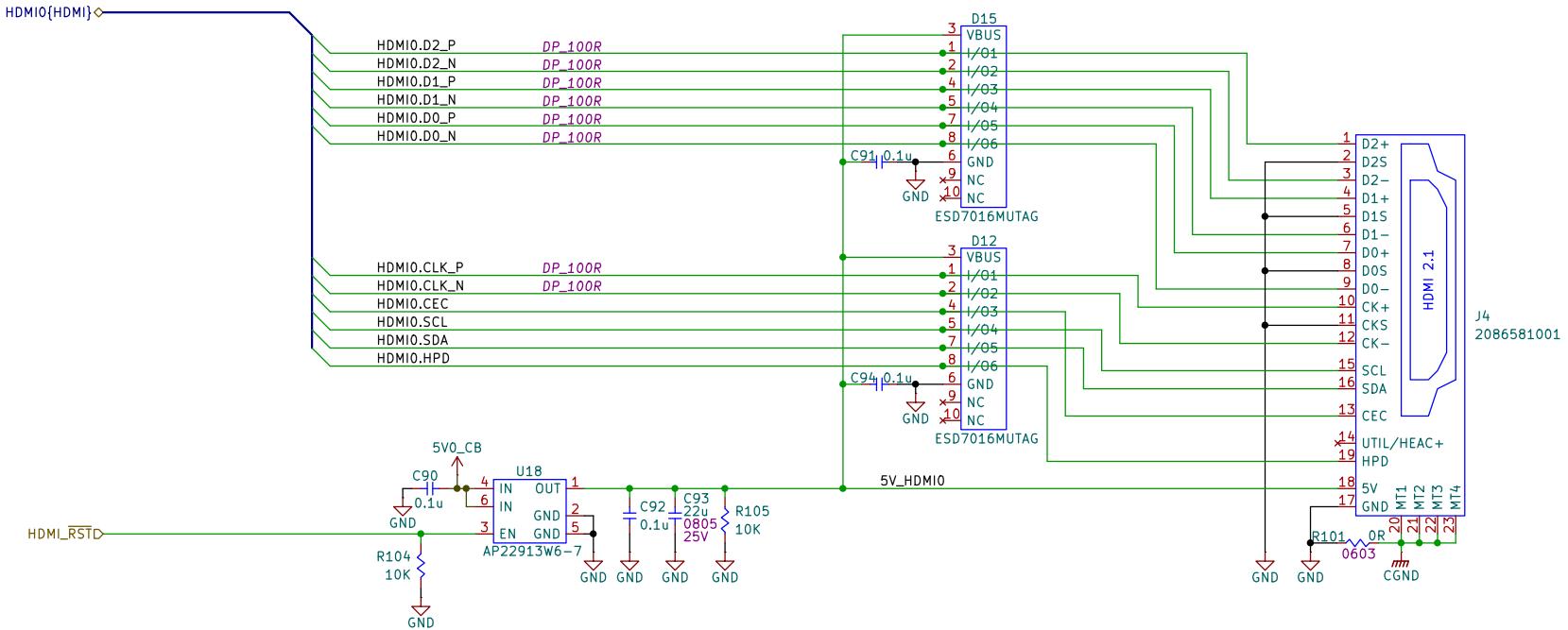
A

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

1

2

3

4

5

6

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 19
Sheet Title: HDMI.kicad_sch	Approved by: Not applicable	Status: Preliminary
Date: 2026-01-22	BOM: RPL_CMx_Carrier_2.00-0A_BOM	Current Revision: 2.00-0A

Logo

Sheet Size: A4

A

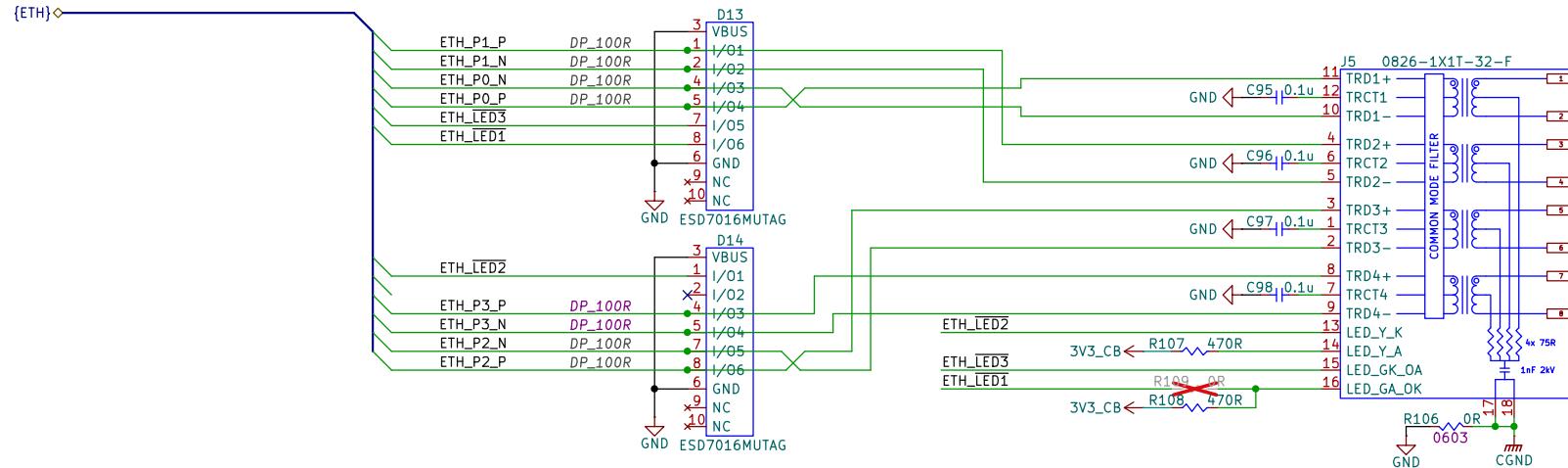
A

B

B

C

C



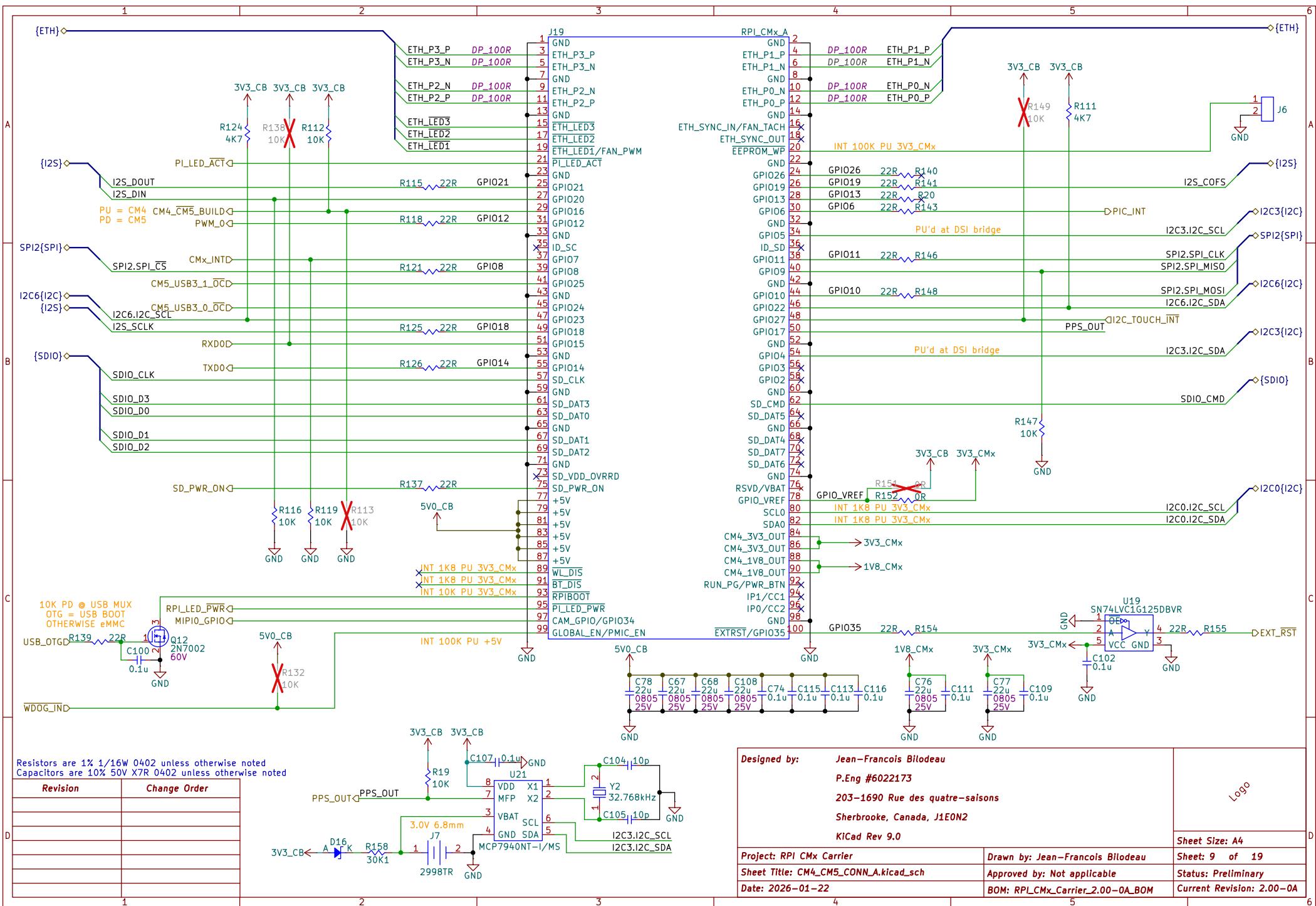
Resistors are 1% 1/16W 0402 unless otherwise noted  
Capacitors are 10% 50V X7R 0402 unless otherwise noted

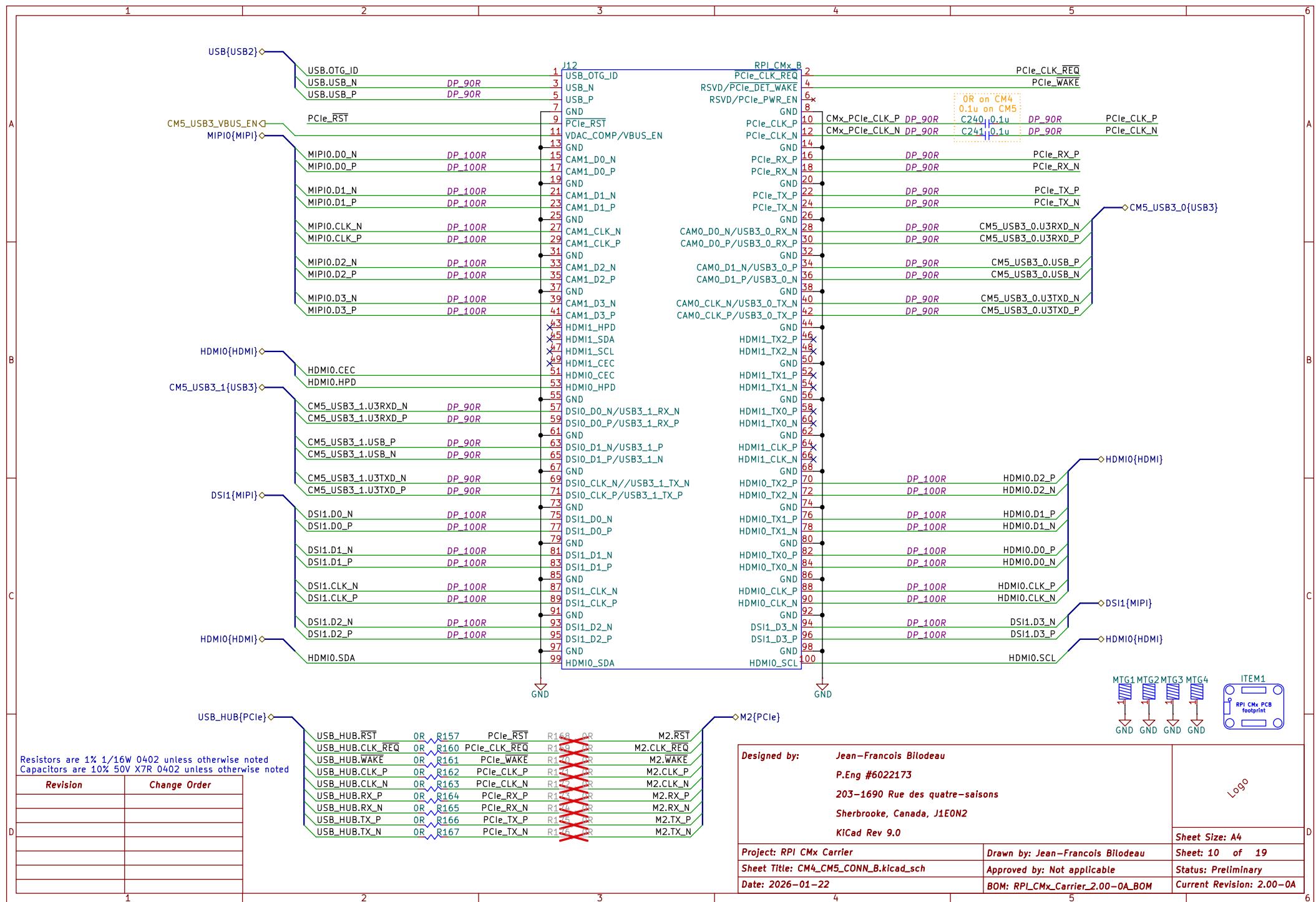
Revision	Change Order

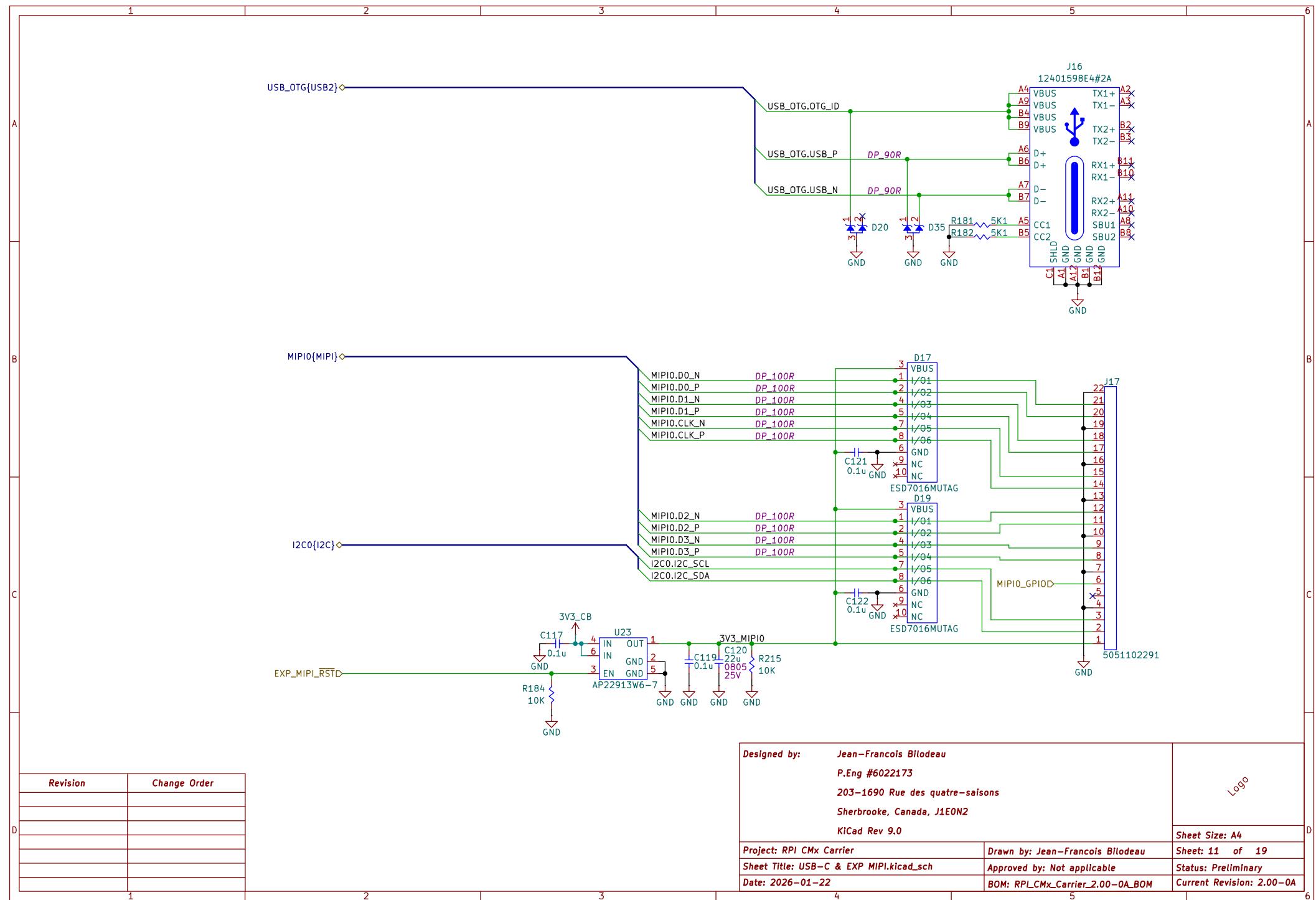
Designed by: Jean-Francois Bilodeau  
P.Eng #6022173  
203-1690 Rue des quatre-saisons  
Sherbrooke, Canada, J1EON2  
KiCad Rev 9.0

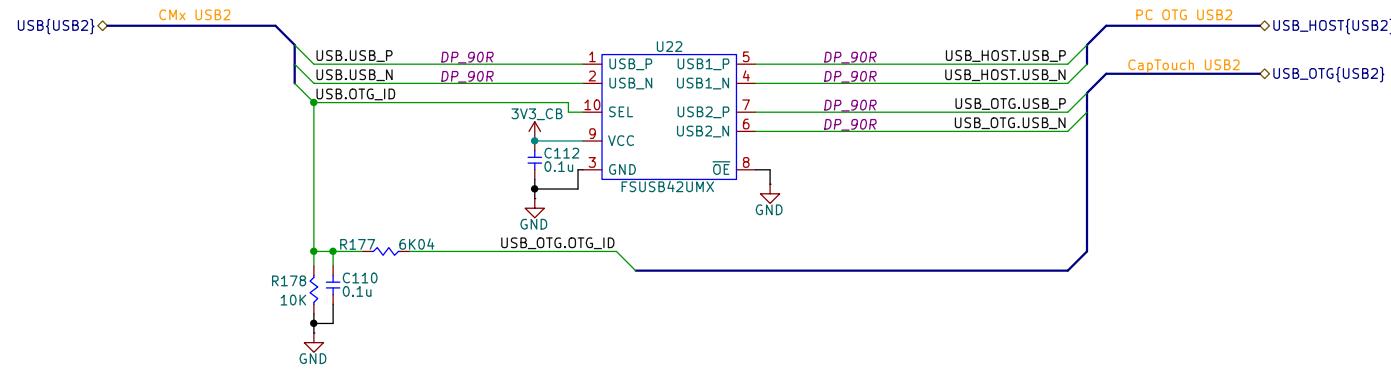
Project: RPI CMx Carrier	Drawn by: Jean-Francois Bilodeau	Sheet: 8 of 19
Sheet Title: Ethernet.kicad_sch	Approved by: Not applicable	Status: Preliminary
Date: 2026-01-22	BOM: RPI_CMx_Carrier_2.00-0A_BOM	Current Revision: 2.00-0A

Logo





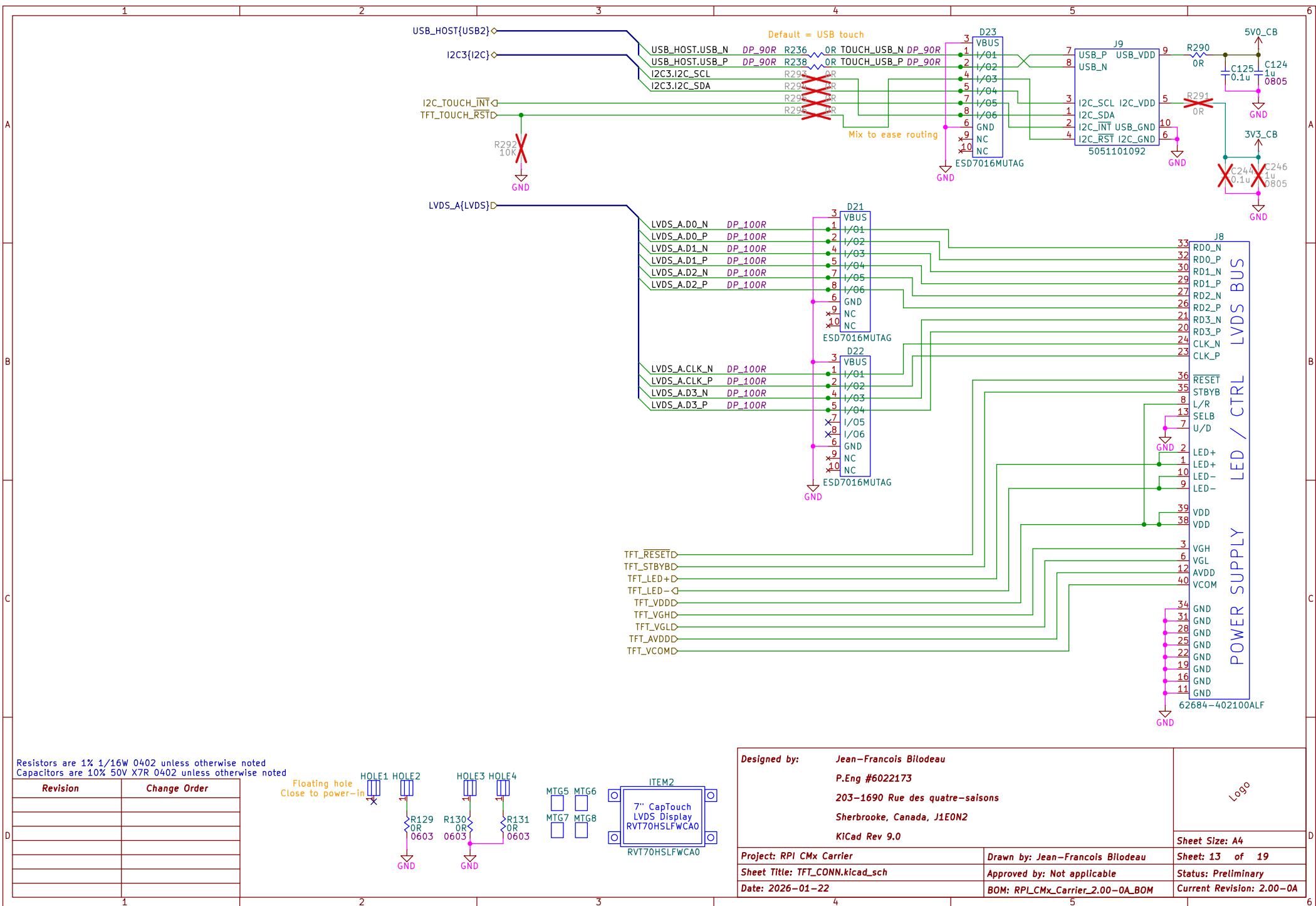


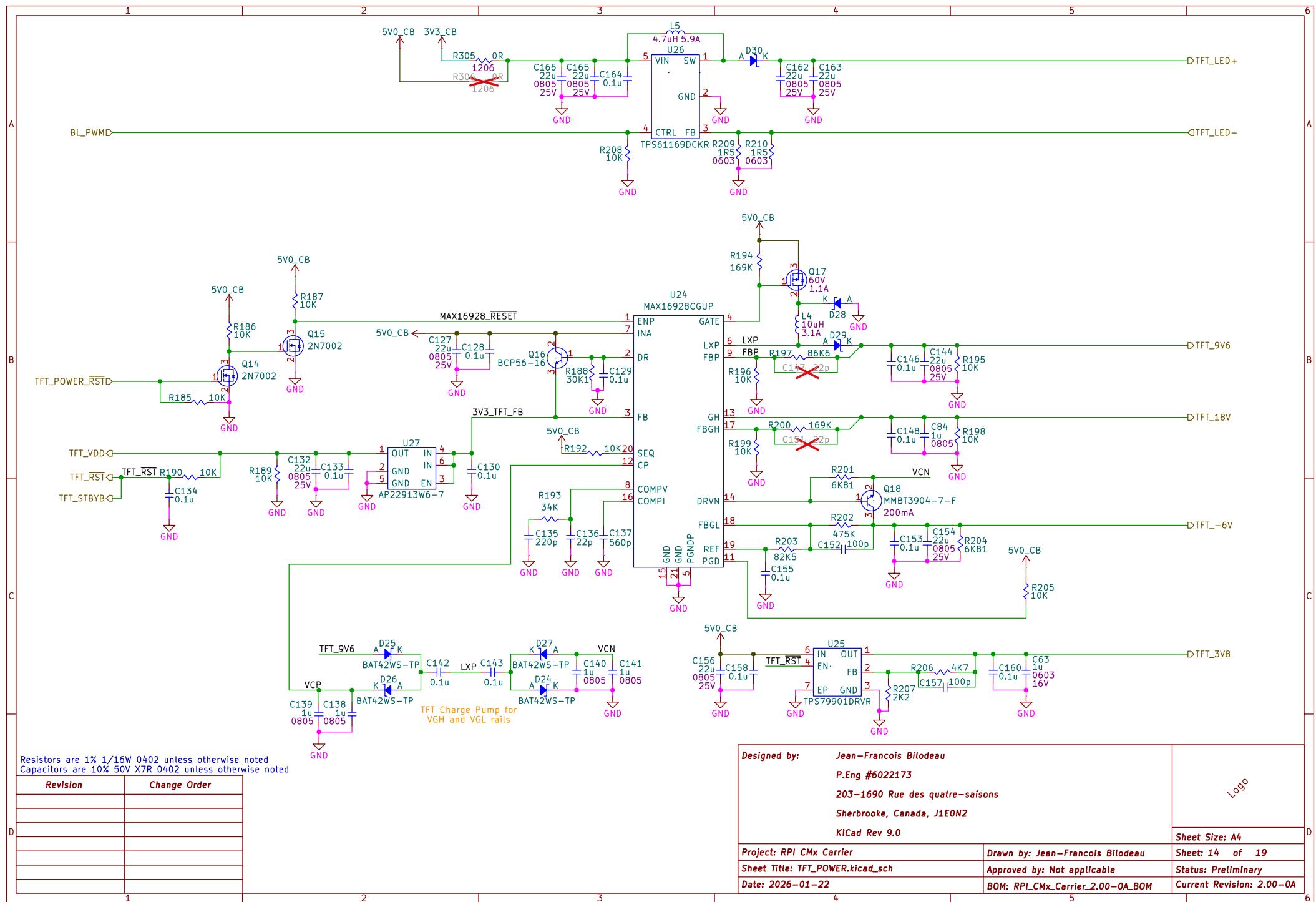


Resistors are 1% 1/16W 0402 unless otherwise noted  
Capacitors are 10% 50V X7R 0402 unless otherwise noted

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

<b>Project:</b> RPI_CMx_Carrier	<b>Drawn by:</b> Jean-Francois Bilodeau	<b>Sheet:</b> 12 of 19
<b>Sheet Title:</b> USB_MUX.kicad_sch	<b>Approved by:</b> Not applicable	<b>Status:</b> Preliminary
<b>Date:</b> 2026-01-22	<b>BOM:</b> RPI_CMx_Carrier_2.00-0A_BOM	<b>Current Revision:</b> 2.00-0A





A

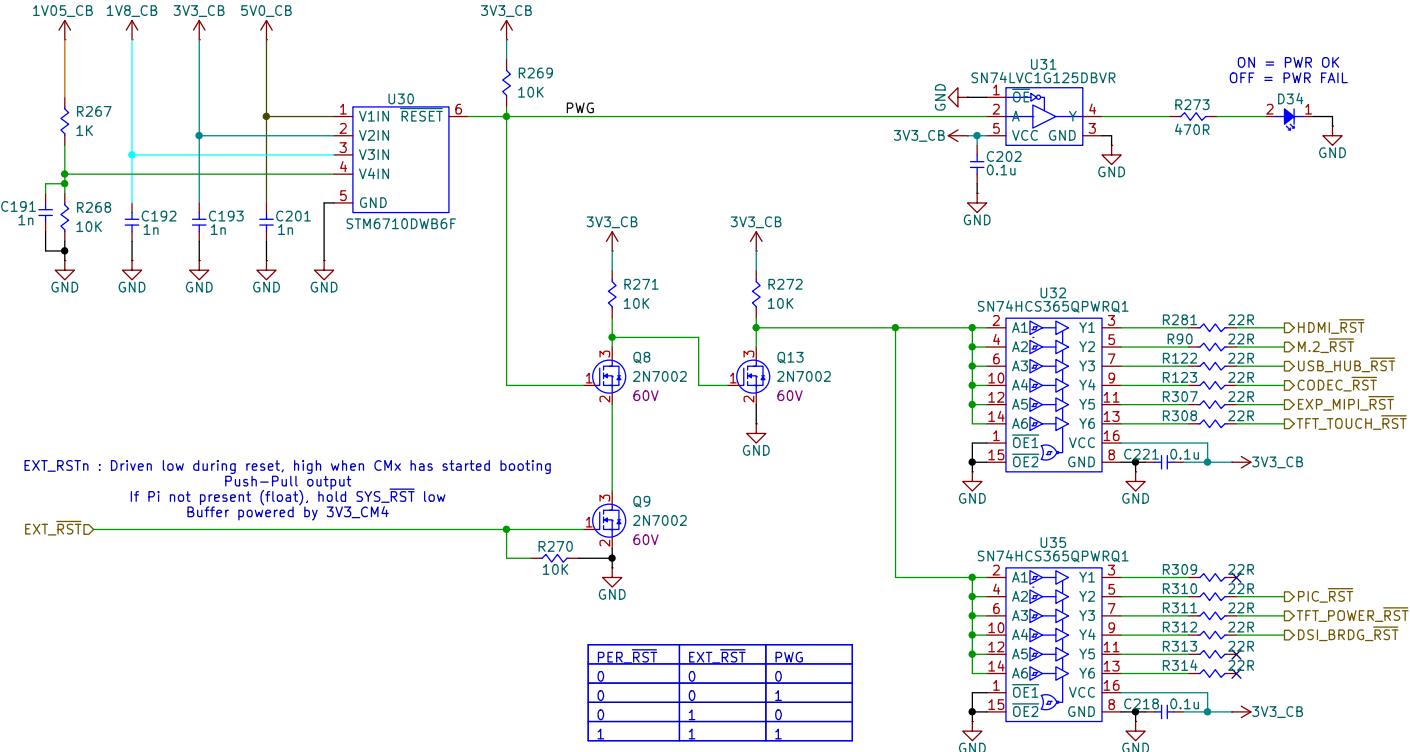
A

B

B

C

C



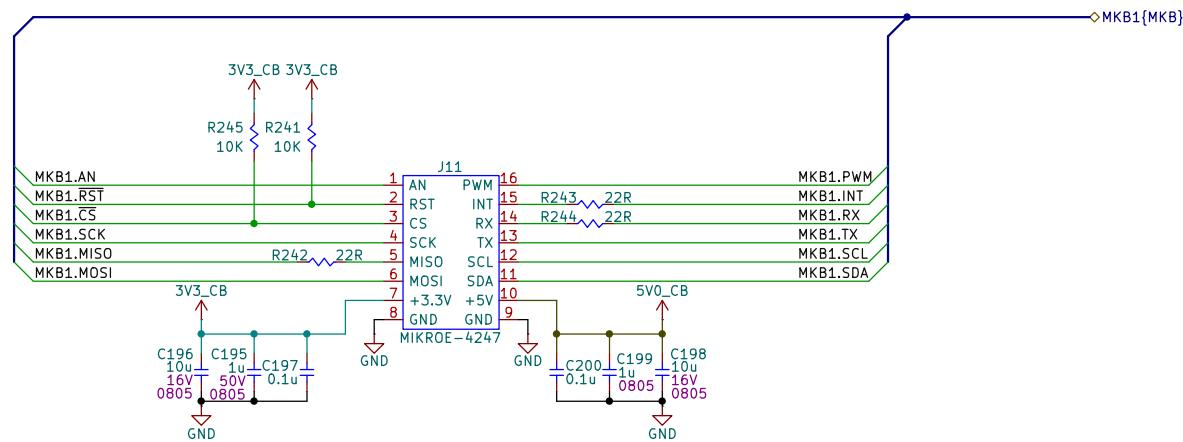
Resistors are 1% 1/16W 0402 unless otherwise noted  
Capacitors are 10% 50V X7R 0402 unless otherwise noted

Revision	Change Order

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

Project: RPI CMx Carrier	Drawn by: Jean-Francois Bilodeau	Sheet: 15 of 19
Sheet Title: RESET_SUPERVISOR.kicad_sch	Approved by: Not applicable	Status: Preliminary
Date: 2026-01-22	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

Project: RPI CMx Carrier	Drawn by: Jean-Francois Bilodeau	Sheet: 16 of 19
Sheet Title: MikroBus.kicad_sch	Approved by: Not applicable	Status: Preliminary
Date: 2026-01-22	BOM: RPI_CMx_Carrier_2.00-0A_BOM	Current Revision: 2.00-0A

Logo

A

A

B

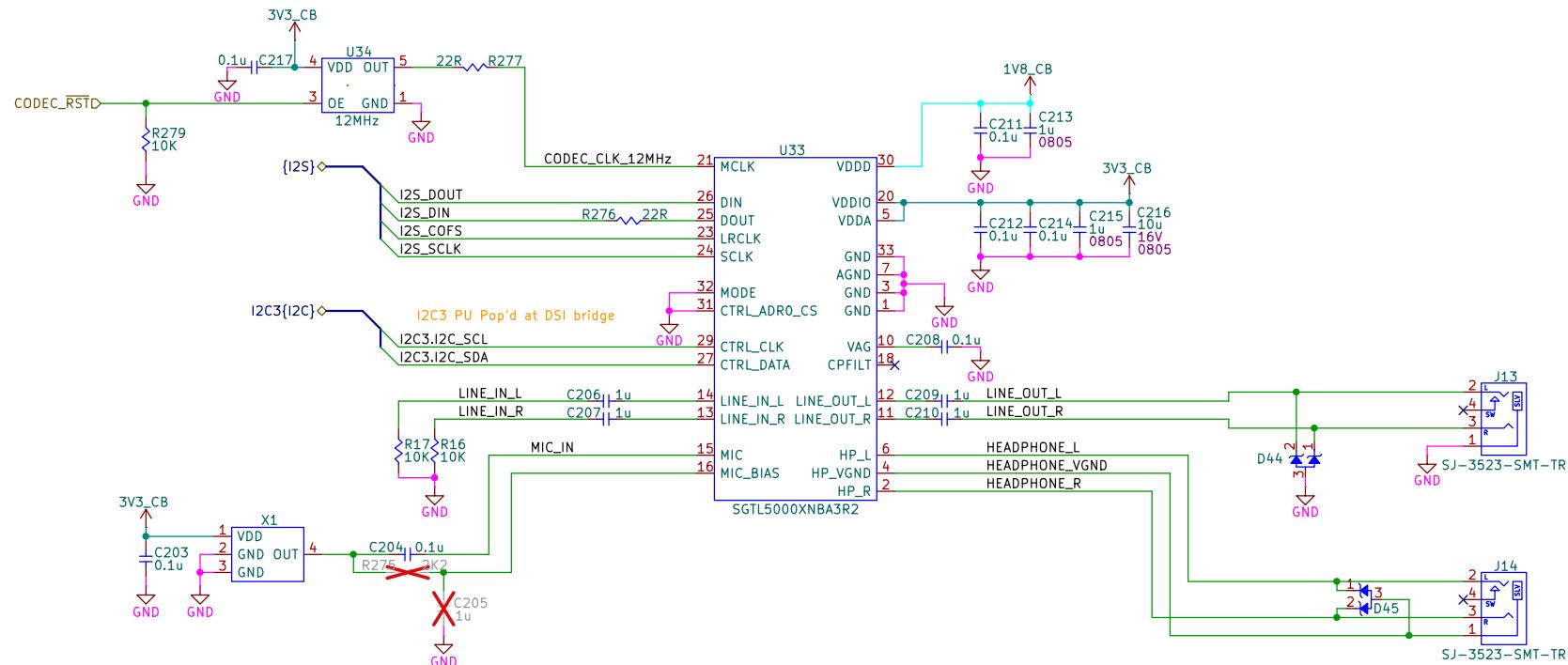
B

C

C

D

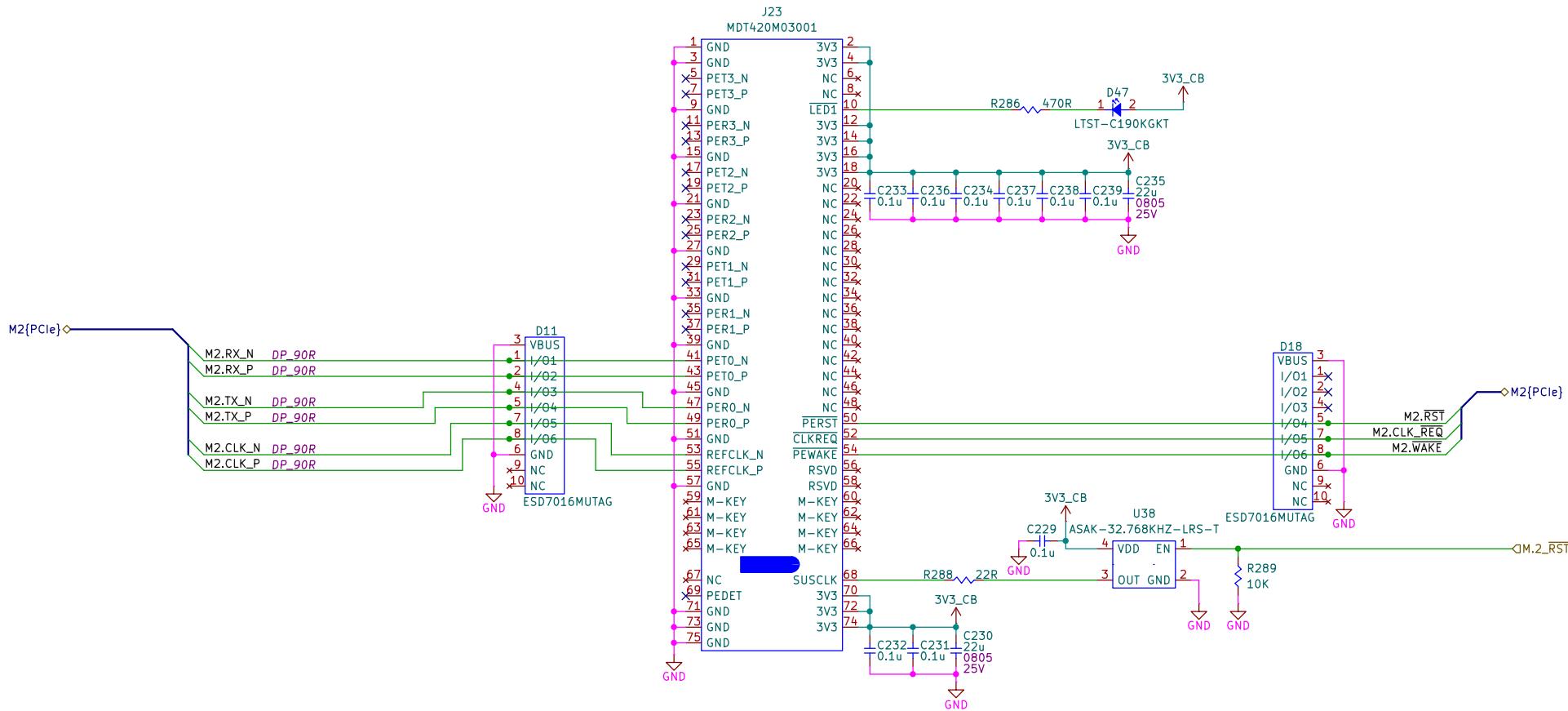
D



Revision	Change Order

*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: 17 of 19
Sheet Title: AUDIO_CODEC.kicad_sch	Approved by: Not applicable	Status: Preliminary
Date: 2026-01-22	BOM: RPI_CMx_Carrier_2.00-0A_BOM	Current Revision: 2.00-0A



MTG9  
9774025243R  
1  
GND

**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 19
Sheet Title: M2_Expansion.kicad_sch	Approved by: Not applicable	Status: Preliminary
Date: 2026-01-22	BOM: RPI_CMx_Carrier_2.00-0A_BOM	Current Revision: 2.00-0A

1 2 3 4 5 6

A

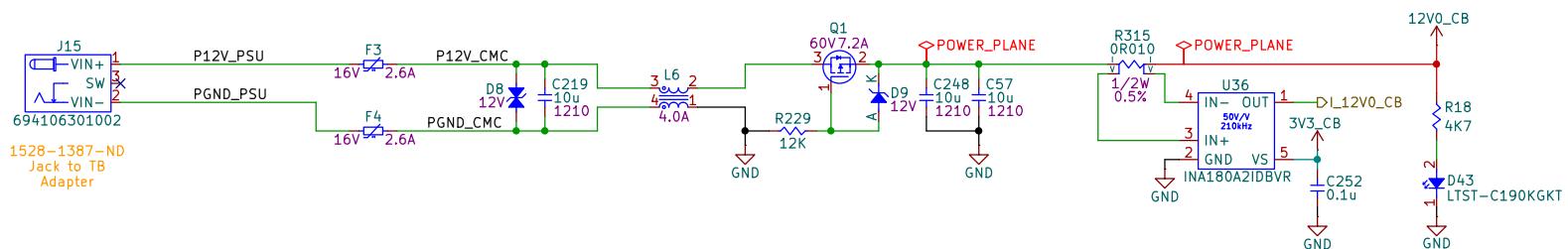
A

B

B

C

C



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: 20 of 19
Sheet Title: POWER INPUT.kicad_sch	Approved by: Not applicable	Status: Preliminary
Date: 2026-01-22	BOM: RPI_CMx_Carrier_2.00-0A_BOM	Current Revision: 2.00-0A

Logo

1 2 3 4 5 6