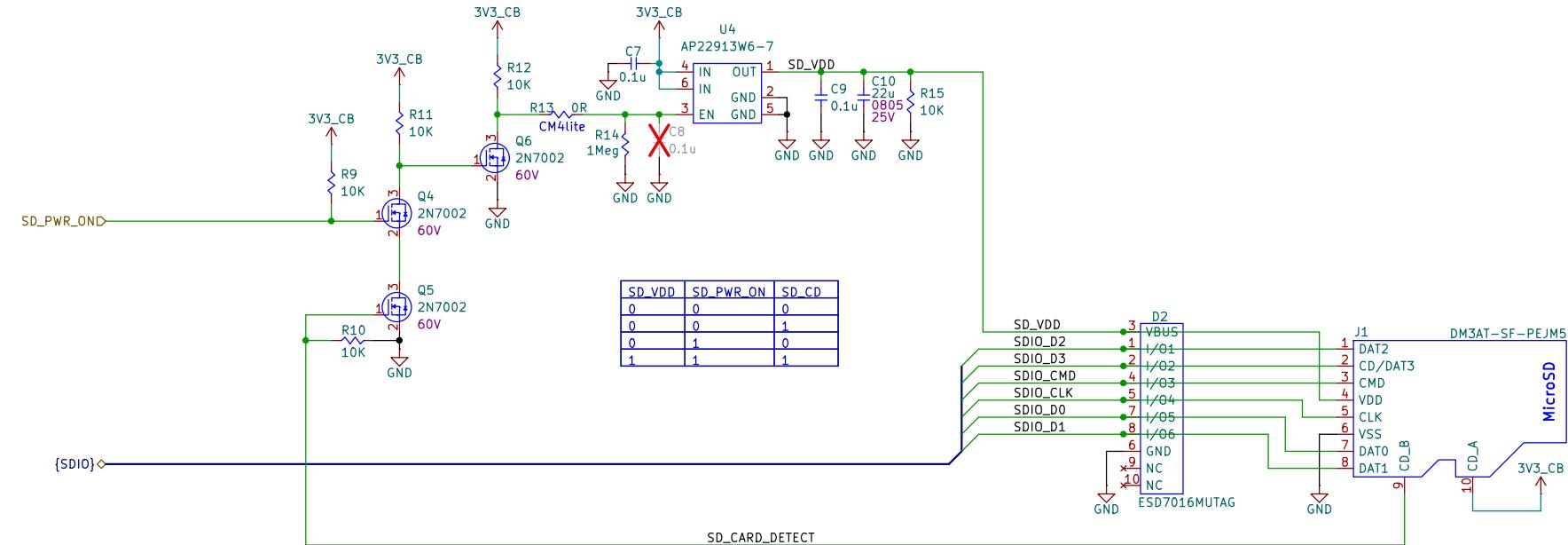


A



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

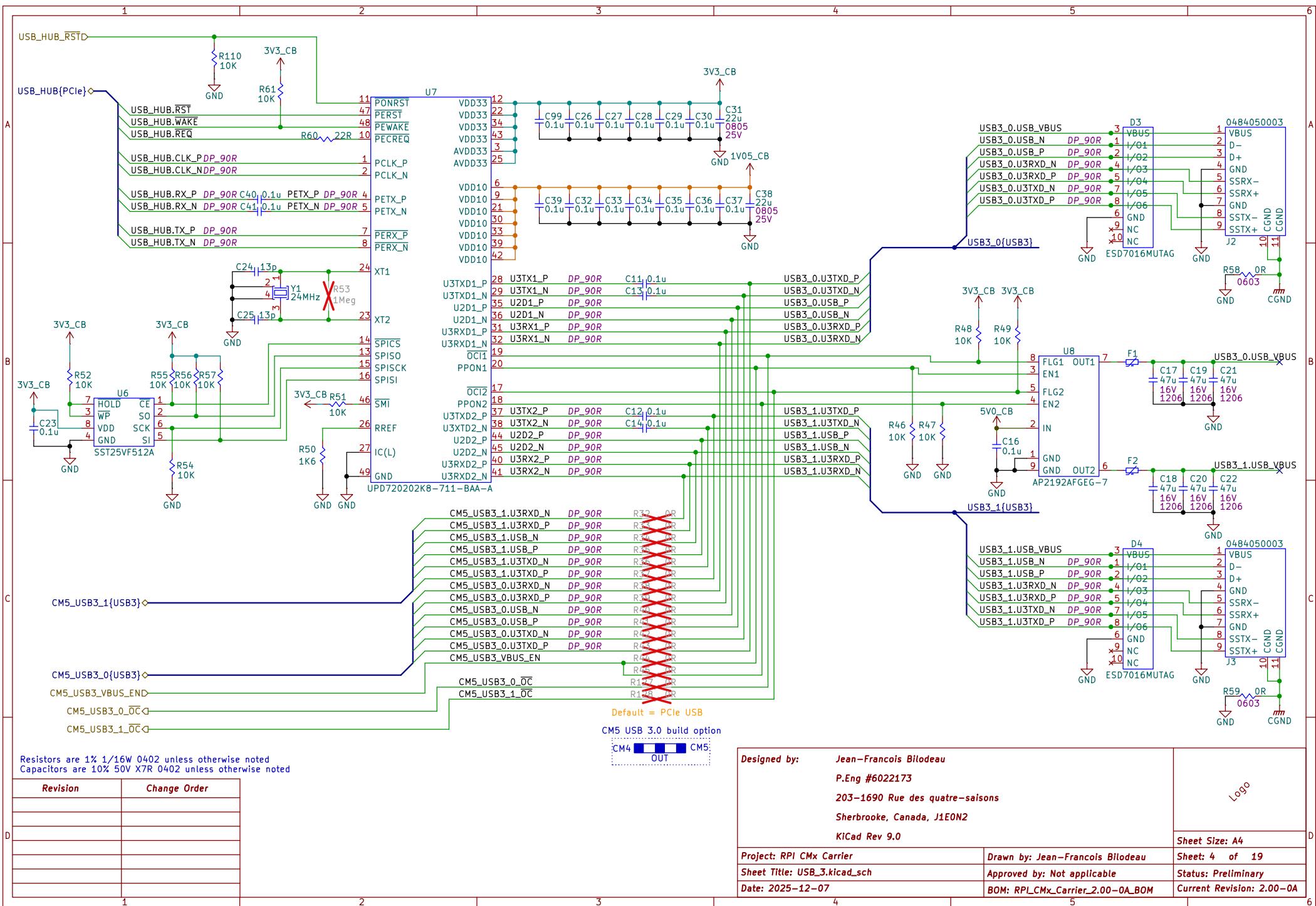
5

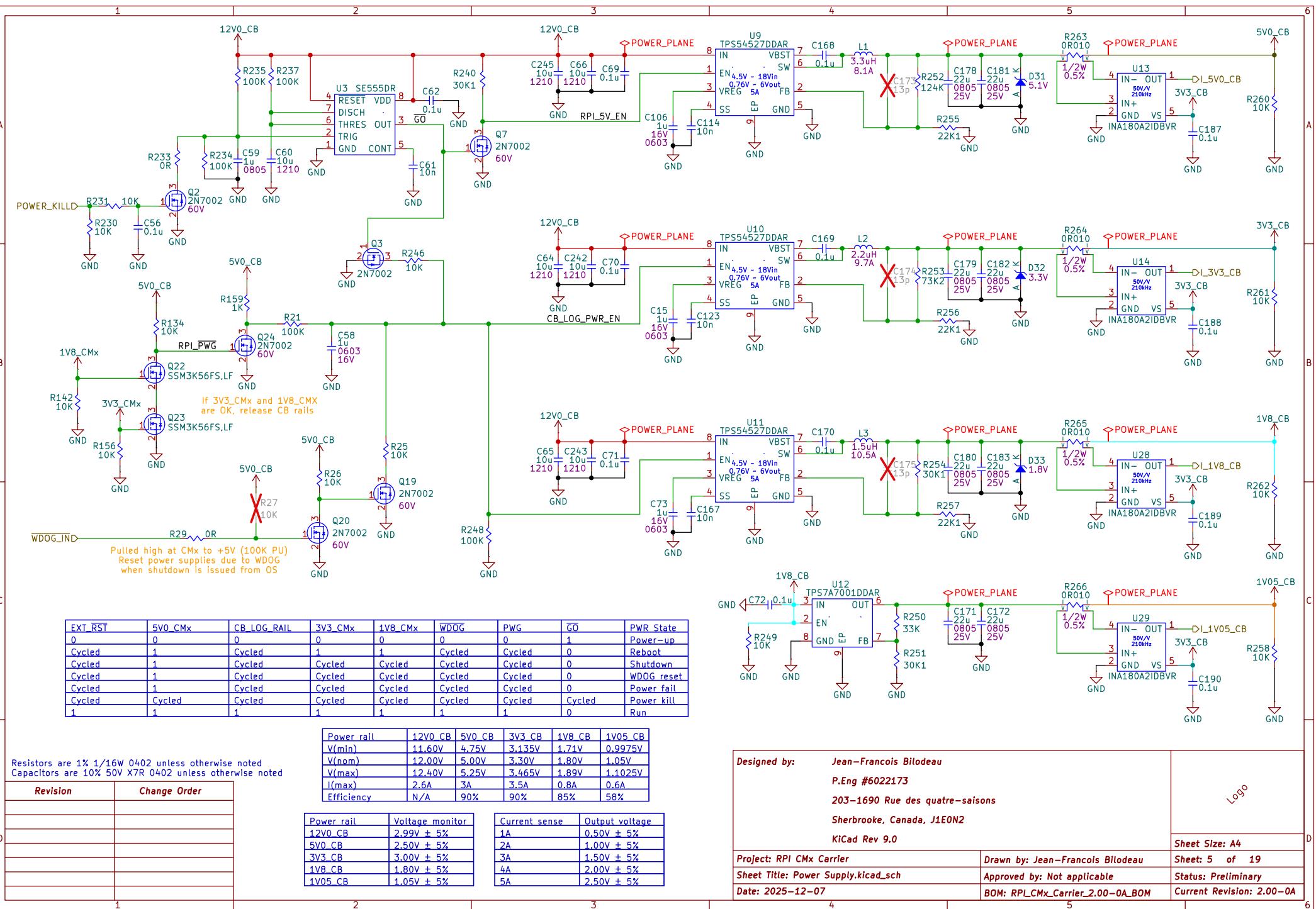
6

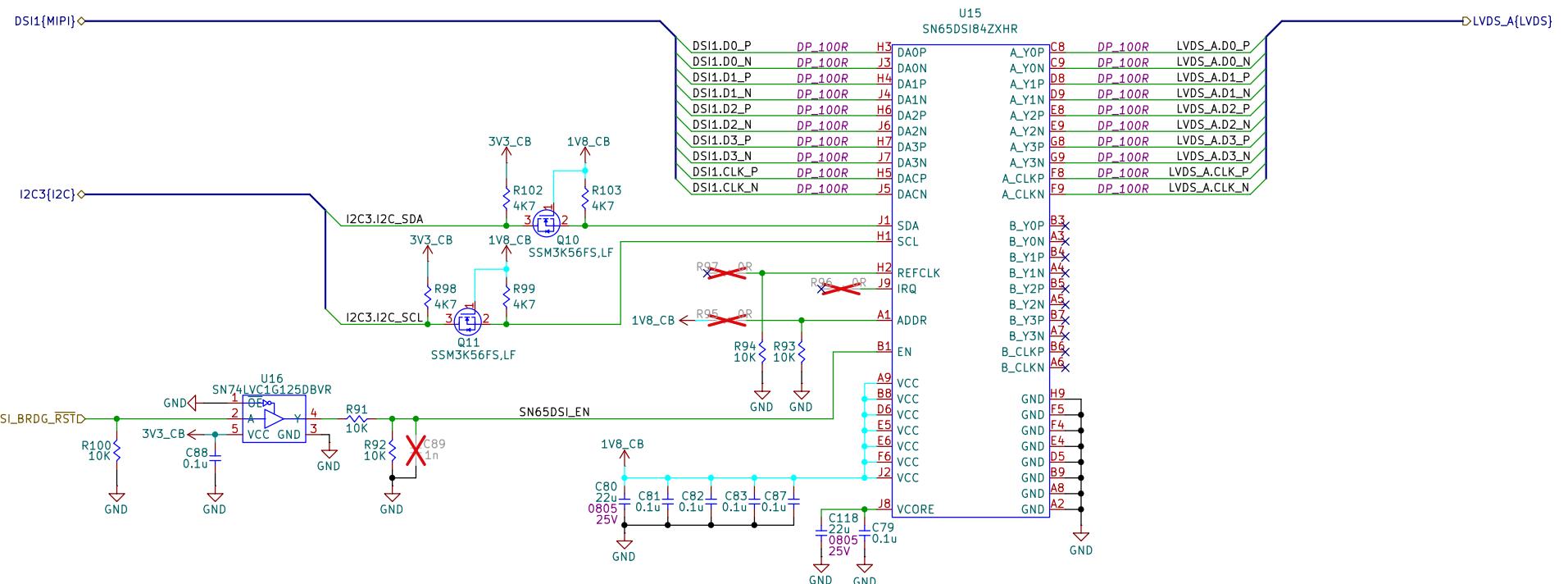
Designed by: Jean-Francois Bilodeau
P.Eng #6022173
203-1690 Rue des quatre-saisons
Sherbrooke, Canada, J1EON2
KiCad Rev 9.0

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: 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, J1E0N2

KiCad Rev 9.0

Project: RPI CMx Carrier

Sheet Title: DSI_LVDS_bridge.kicad_

Date: 2025-12-07

Digitized by srujanika@gmail.com

Sheet 6 of 7

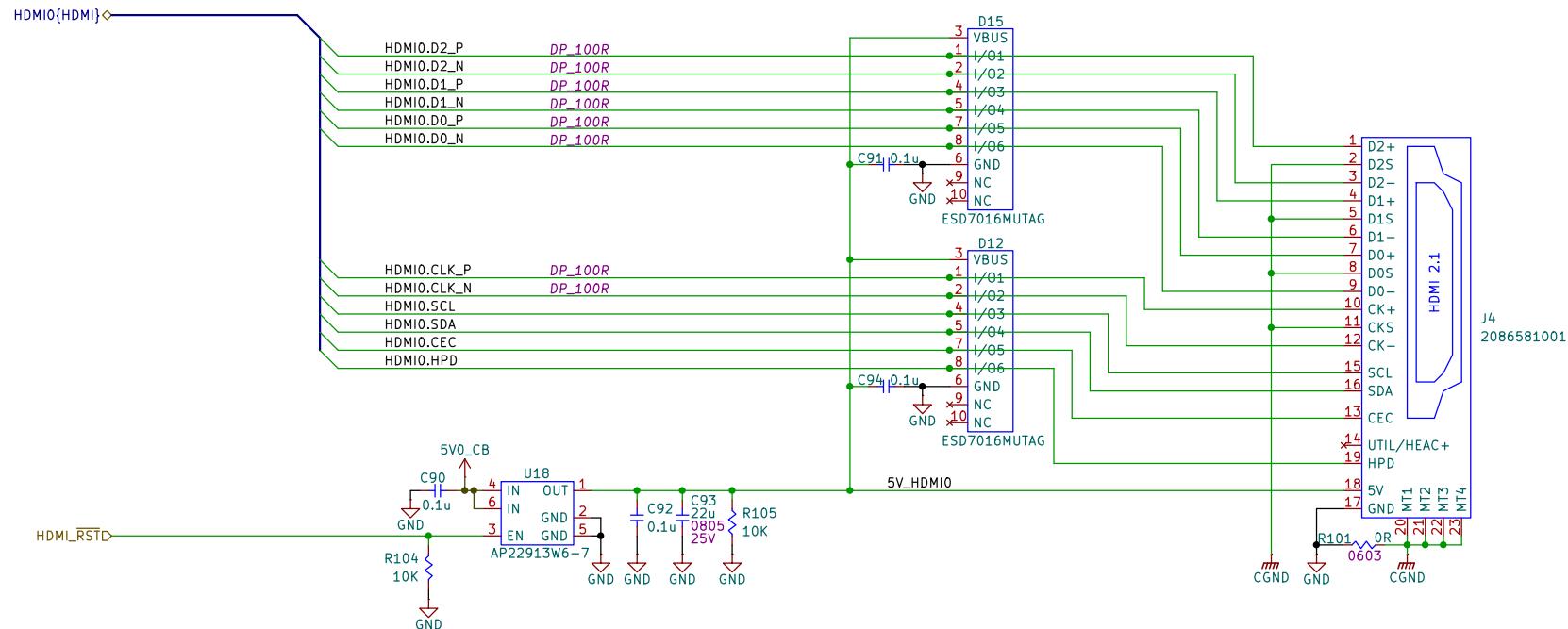
Status: Pending

Current Revision

100% of the time

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: 7 of 19
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

A

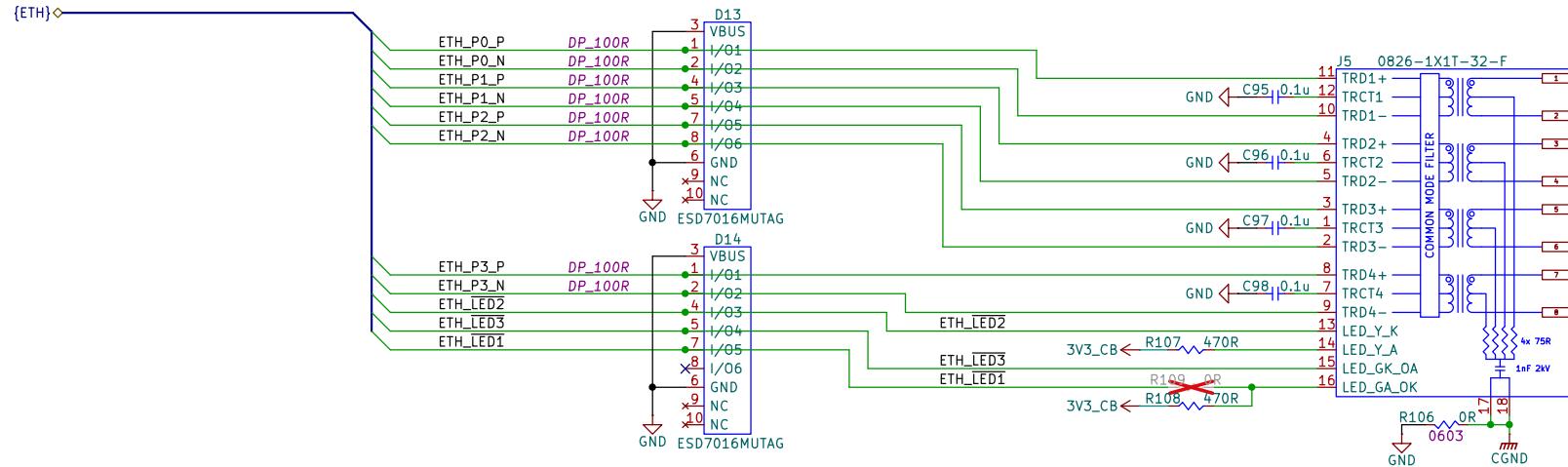
A

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

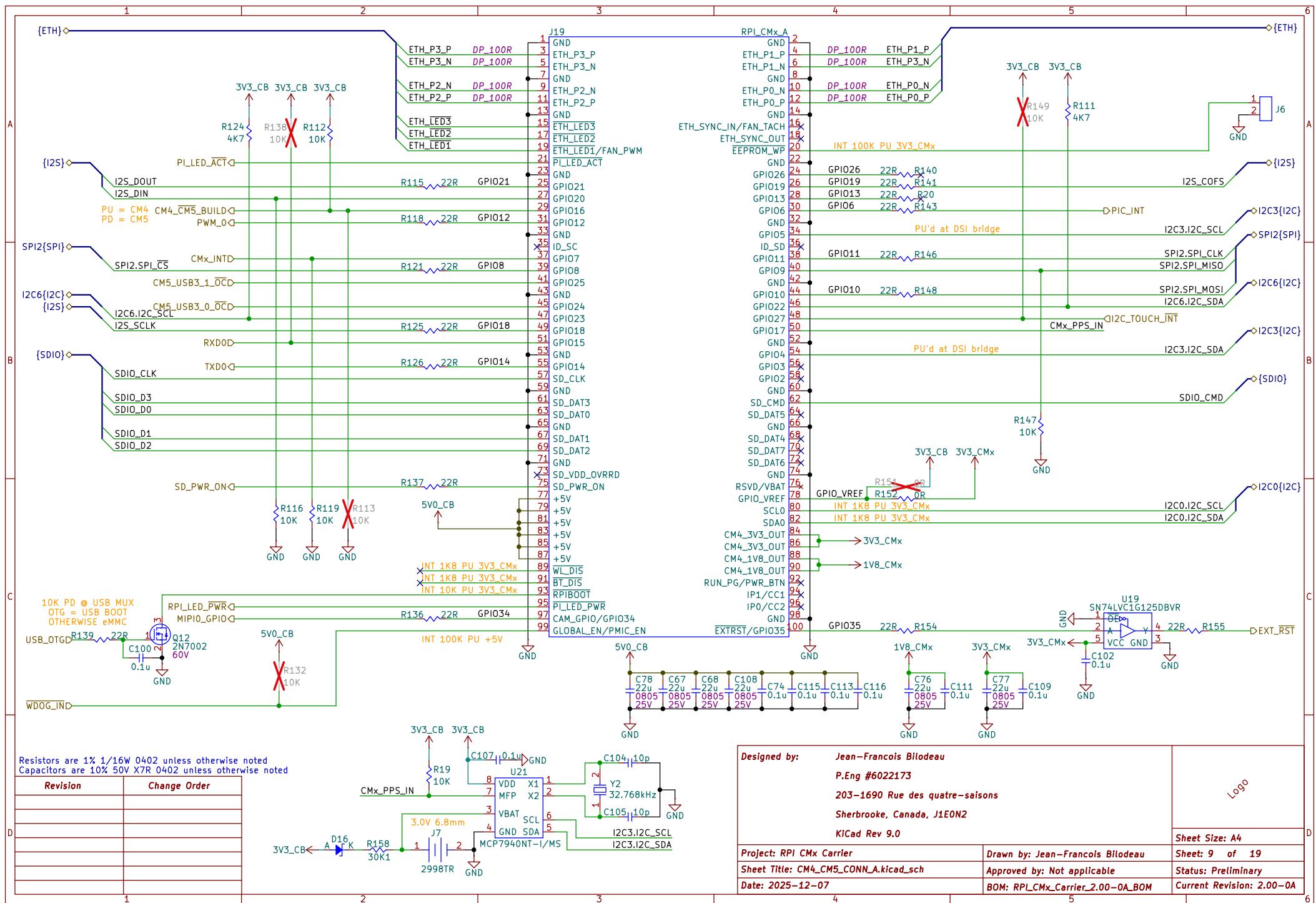
6

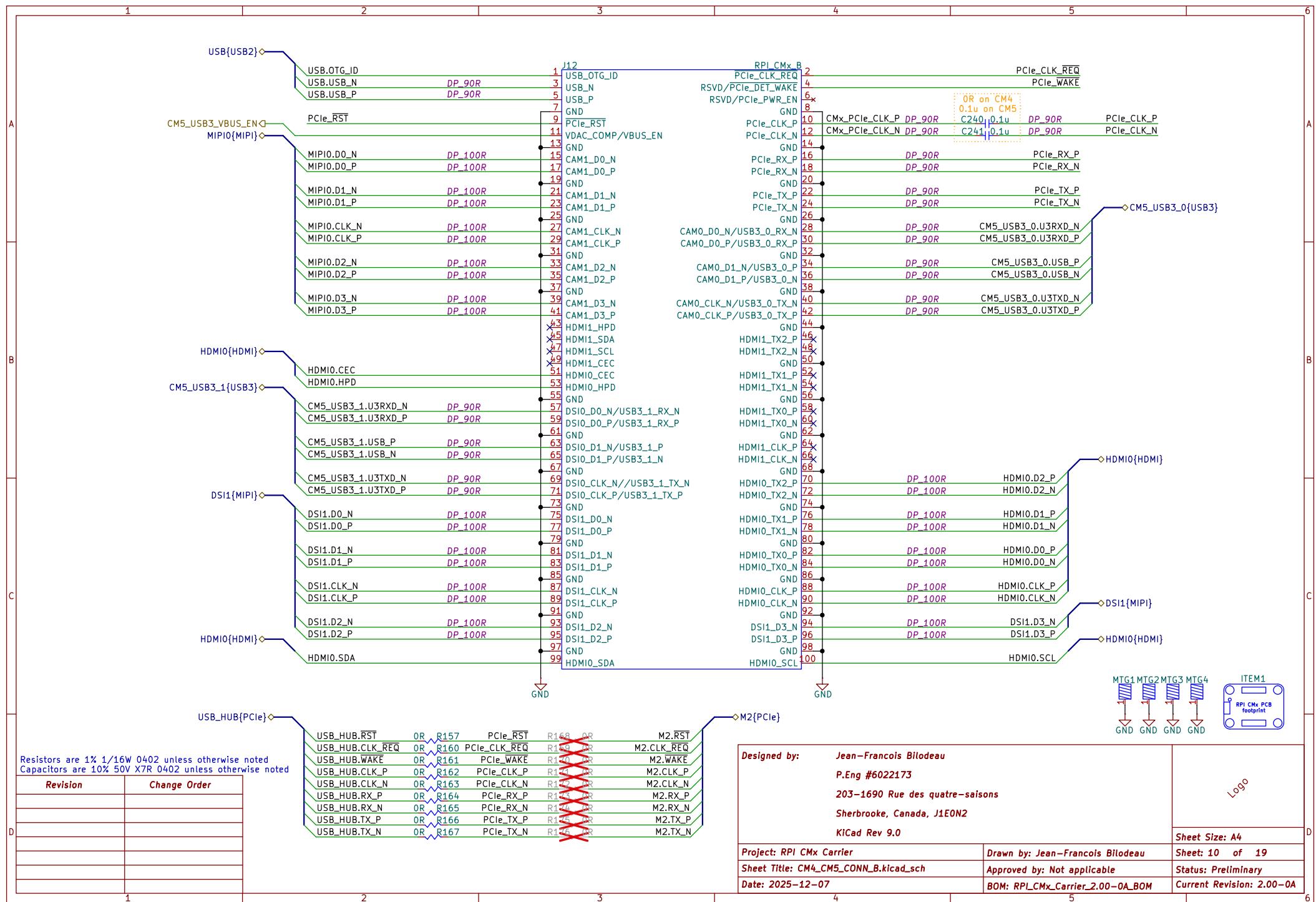
Designed by: Jean-Francois Bilodeau
P.Eng #6022173
203-1690 Rue des quatre-saisons
Sherbrooke, Canada, J1E0N2
KiCad Rev 9.0

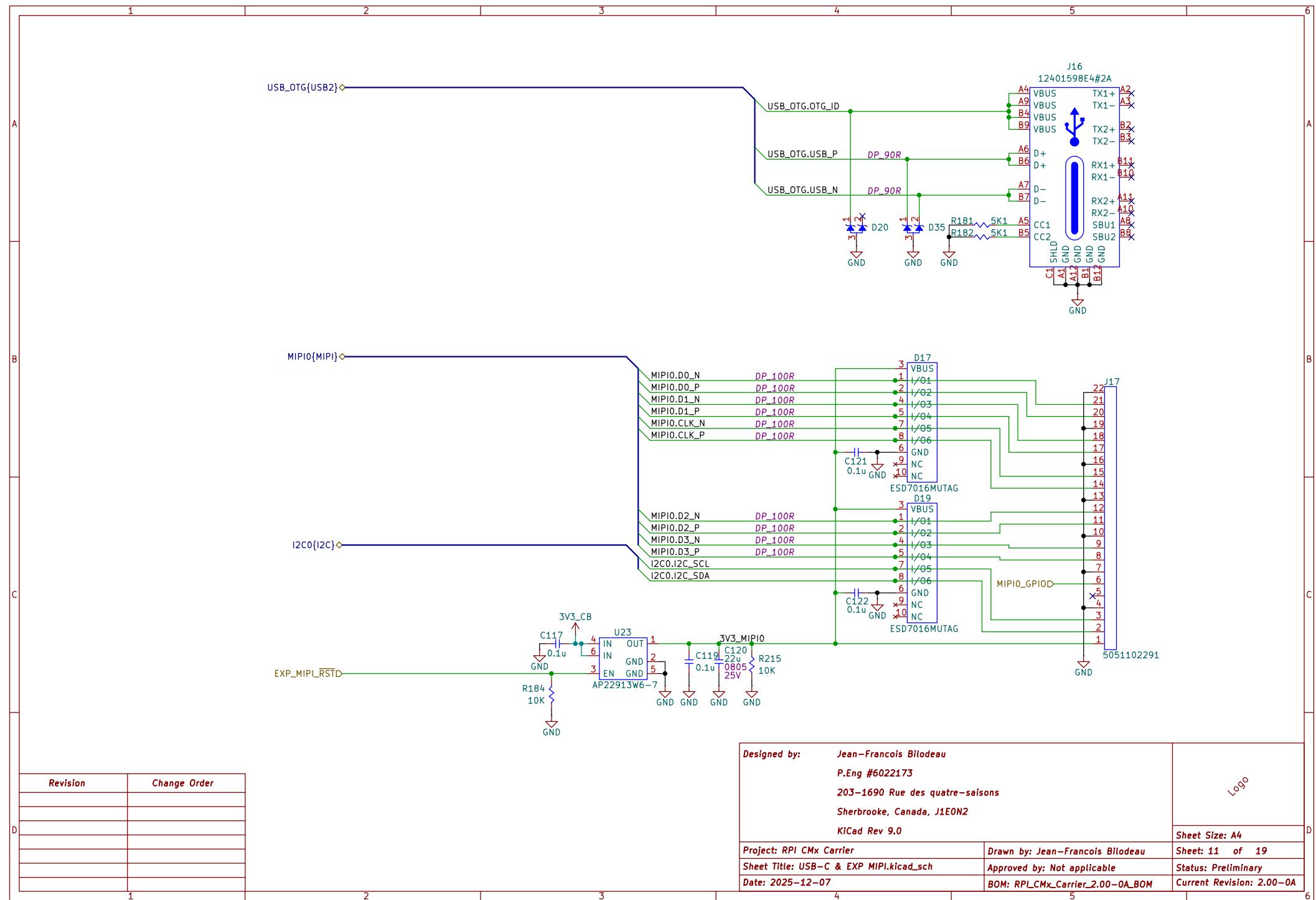
Project: RPI CMx Carrier	Drawn by: Jean-Francois Bilodeau	Sheet: 8 of 19
Sheet Title: Ethernet.kicad_sch	Approved by: Not applicable	Status: Preliminary
Date: 2025-12-07	BOM: RPI_CMx_Carrier_2.00-0A_BOM	Current Revision: 2.00-0A

Logo

Sheet Size: A4







A

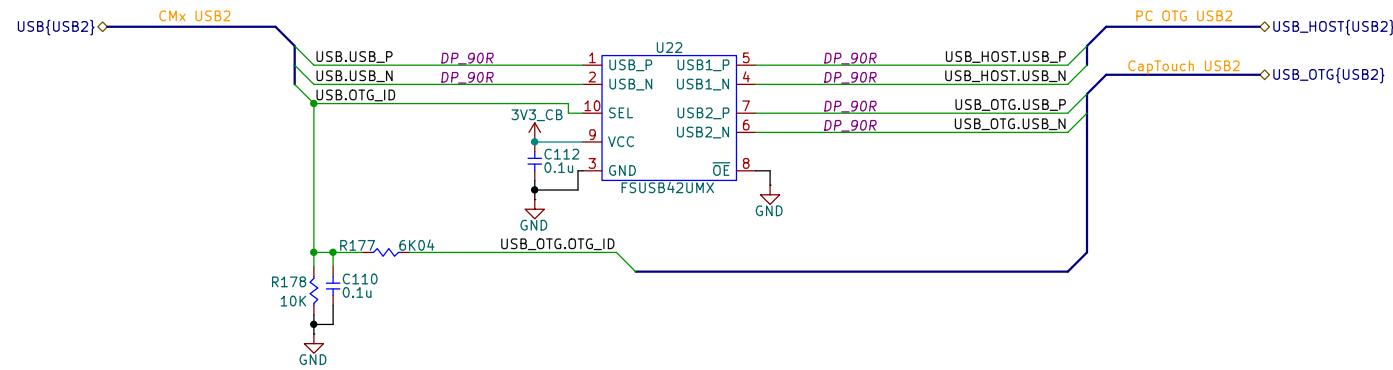
A

B

B

C

C



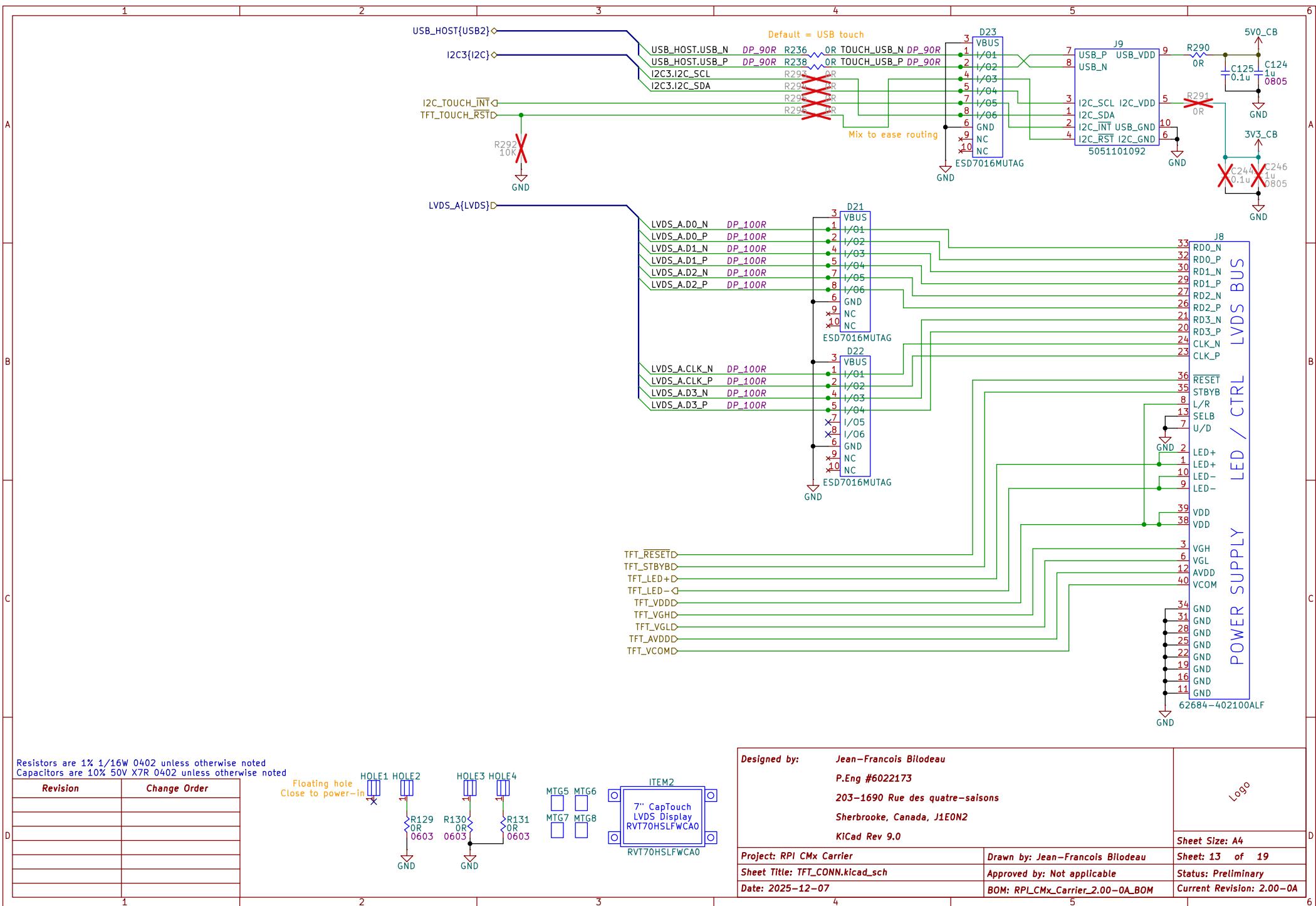
Resistors are 1% 1/16W 0402 unless otherwise noted
 Capacitors are 10% 50V X7R 0402 unless otherwise noted

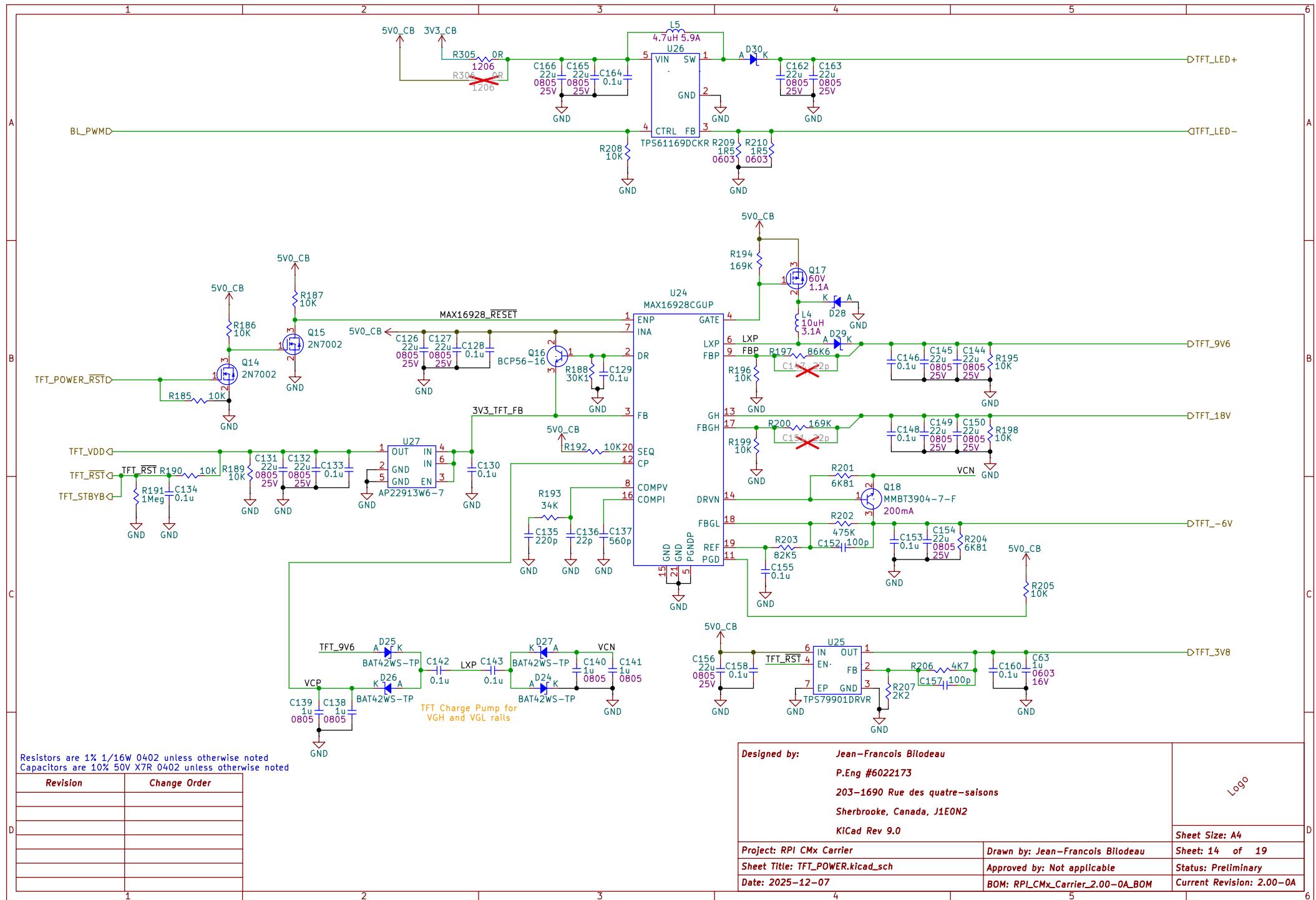
Revision	Change Order

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: 12 of 19
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

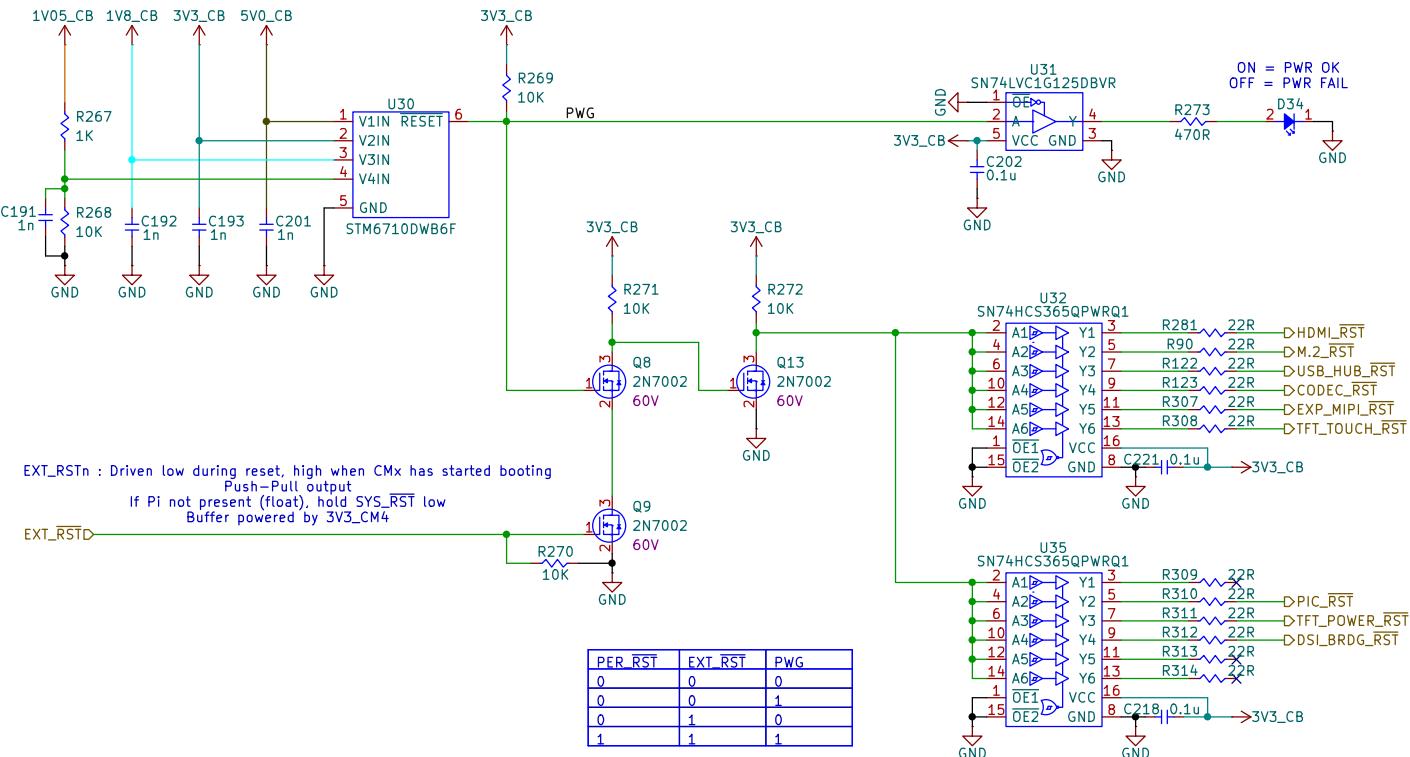
A

B

B

C

C



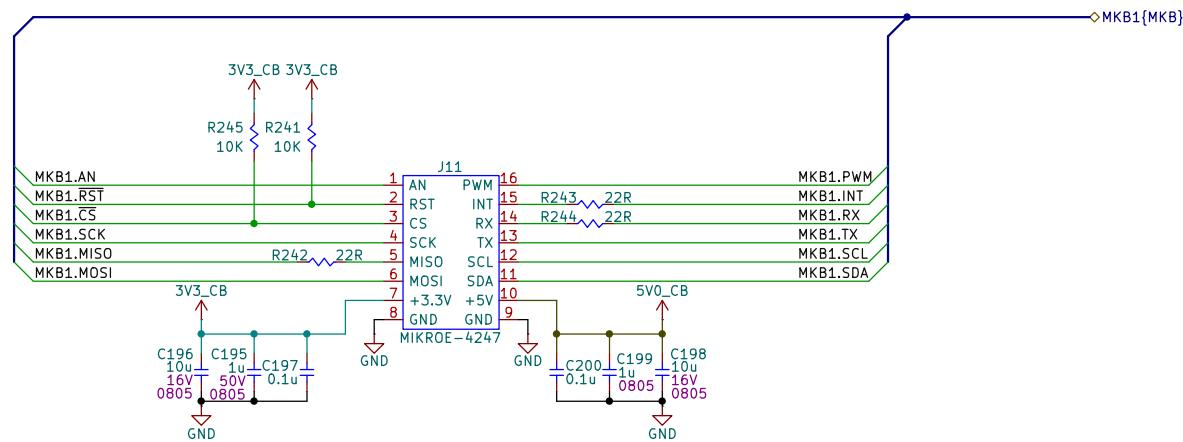
Resistors are 1% 1/16W 0402 unless otherwise noted
Capacitors are 10% 50V X7R 0402 unless otherwise noted

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: 2025-12-07	BOM: RPI_CMx_Carrier_2.00-0A_BOM	Current Revision: 2.00-0A

Logo



Revision	Change Order

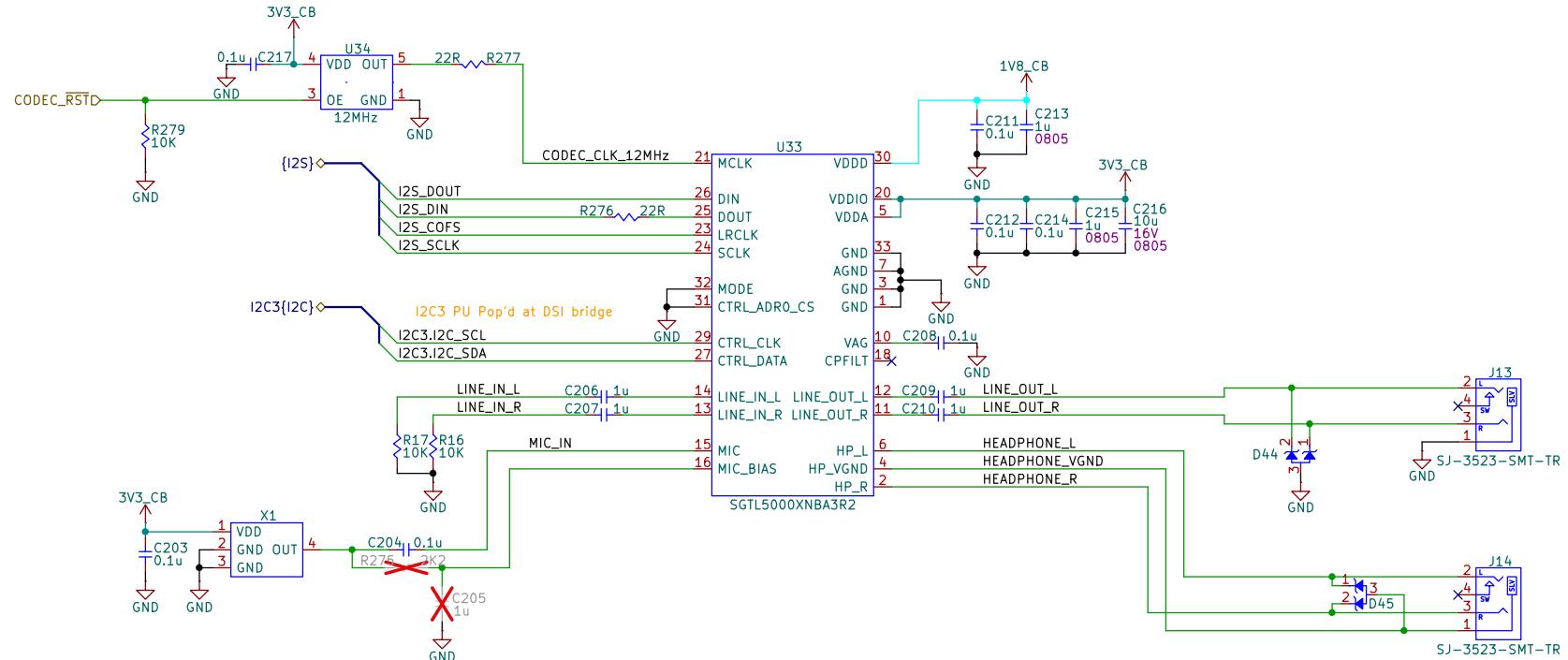
Designed by: Jean-Francois Bilodeau
P.Eng #6022173
203-1690 Rue des quatre-saisons
Sherbrooke, Canada, J1EON2
KiCad Rev 9.0

Logo

Sheet Size: A4
Project: RPI CMx Carrier Drawn by: Jean-Francois Bilodeau Sheet: 16 of 19
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

A

A



Revision	Change Order

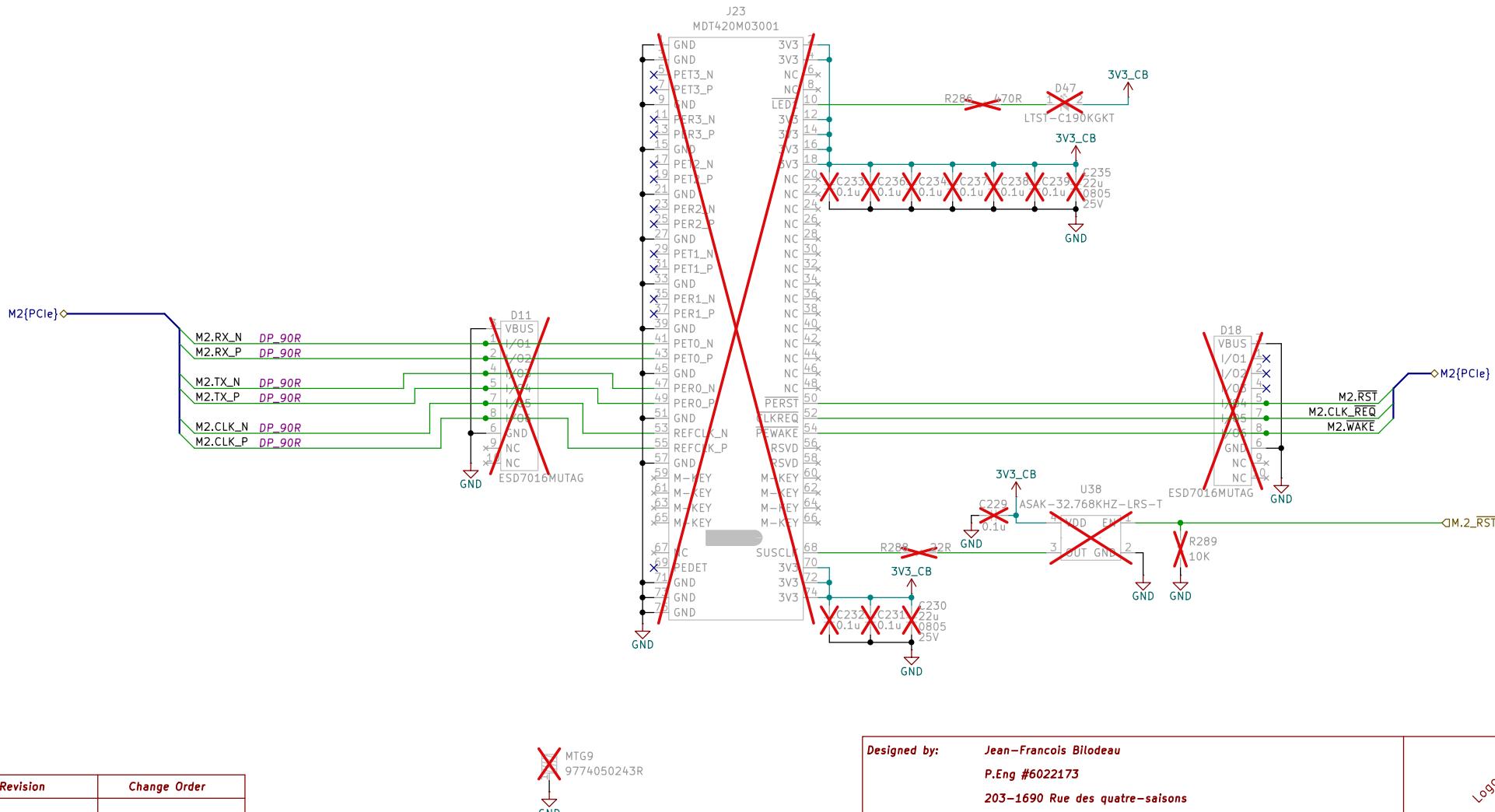
D

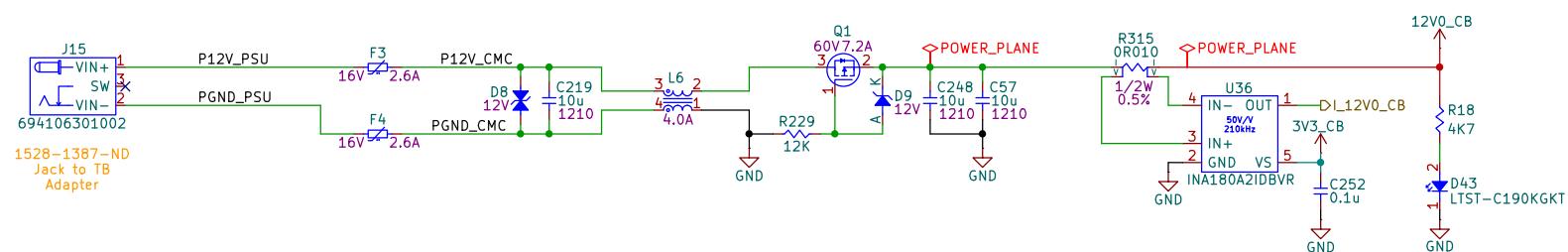
D

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: 17 of 19
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





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 Size: A4
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

Logo