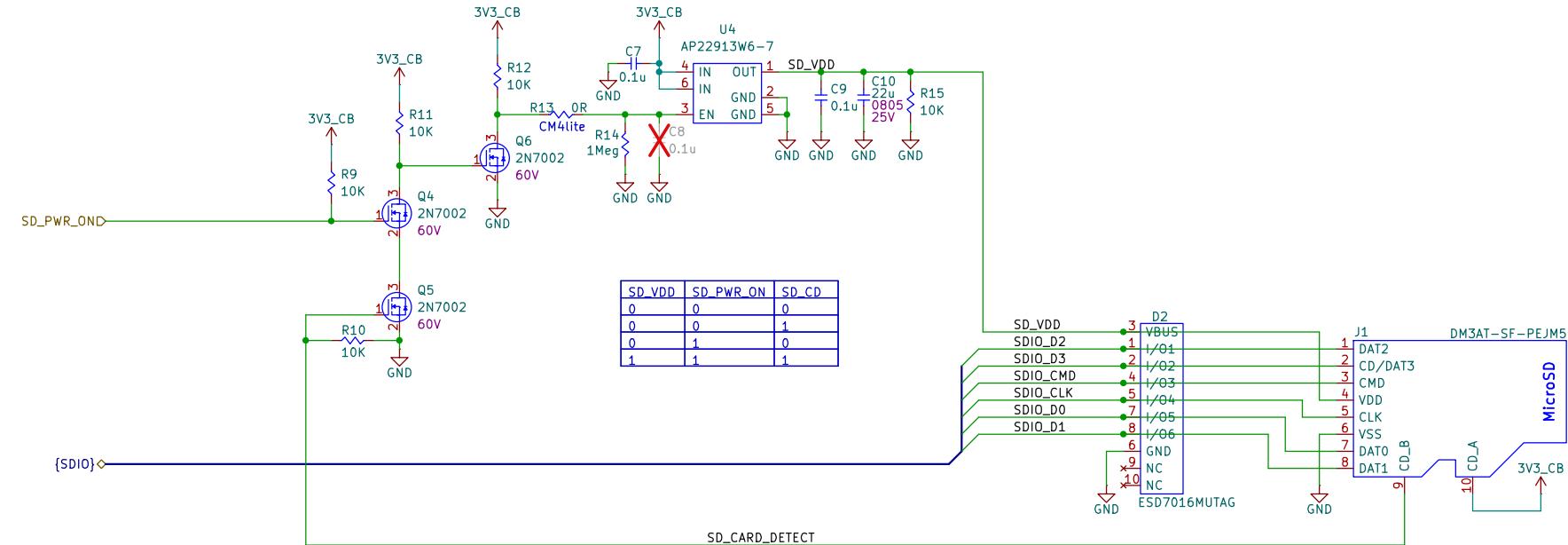


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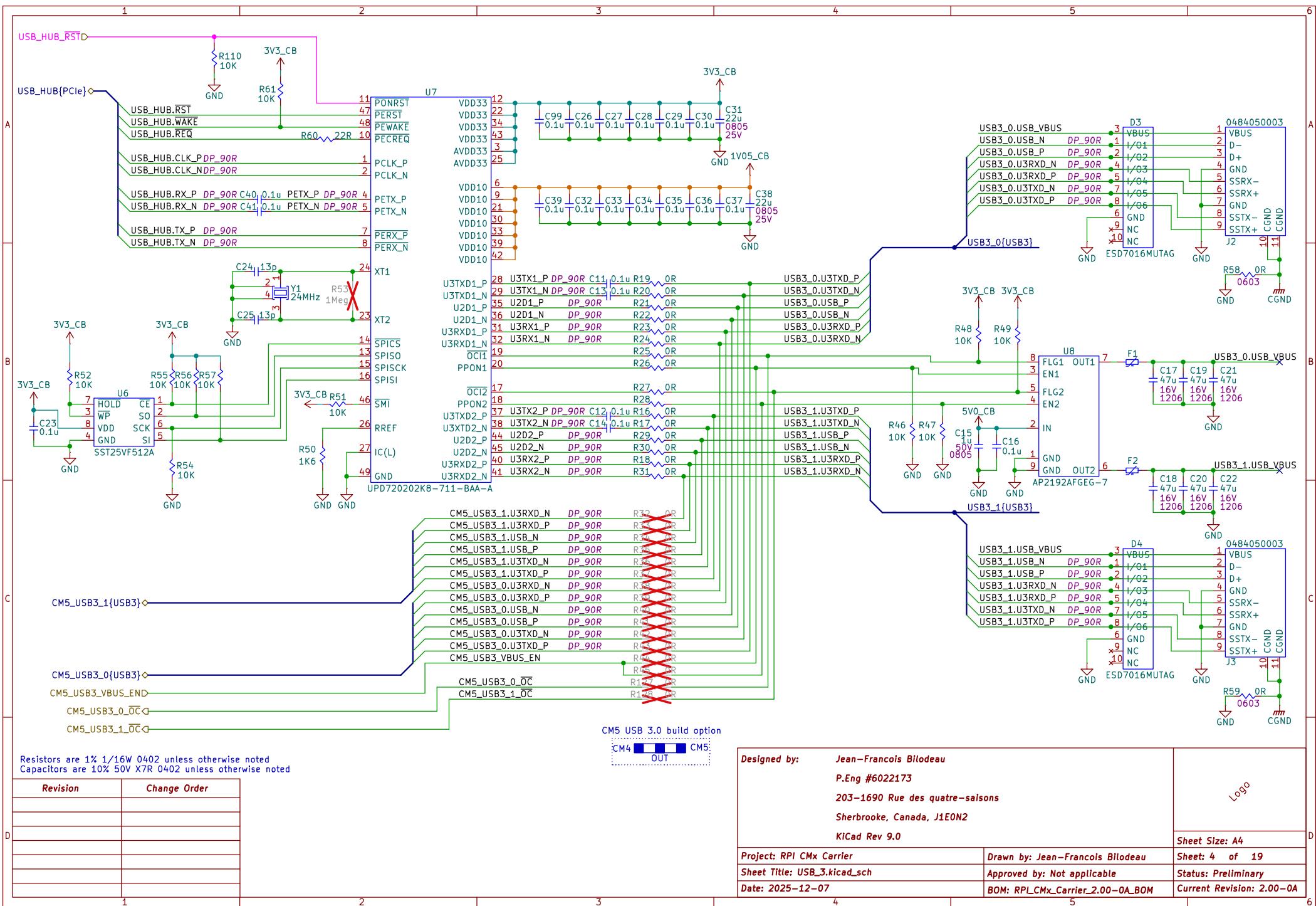
Resistors are 1% 1/16W 0402 unless otherwise noted  
Capacitors are 10% 50V X7R 0402 unless otherwise noted

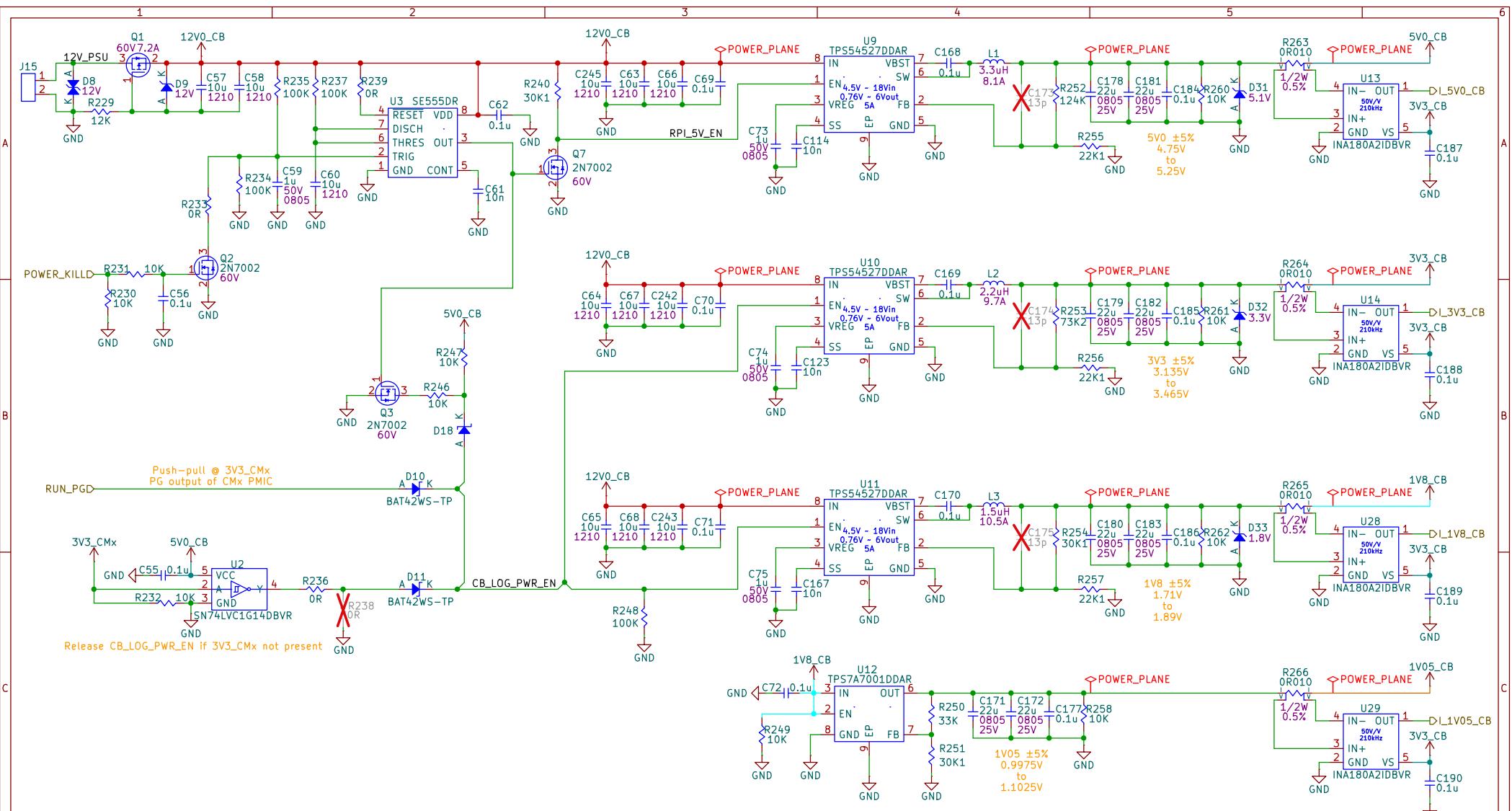
Revision	Change Order

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

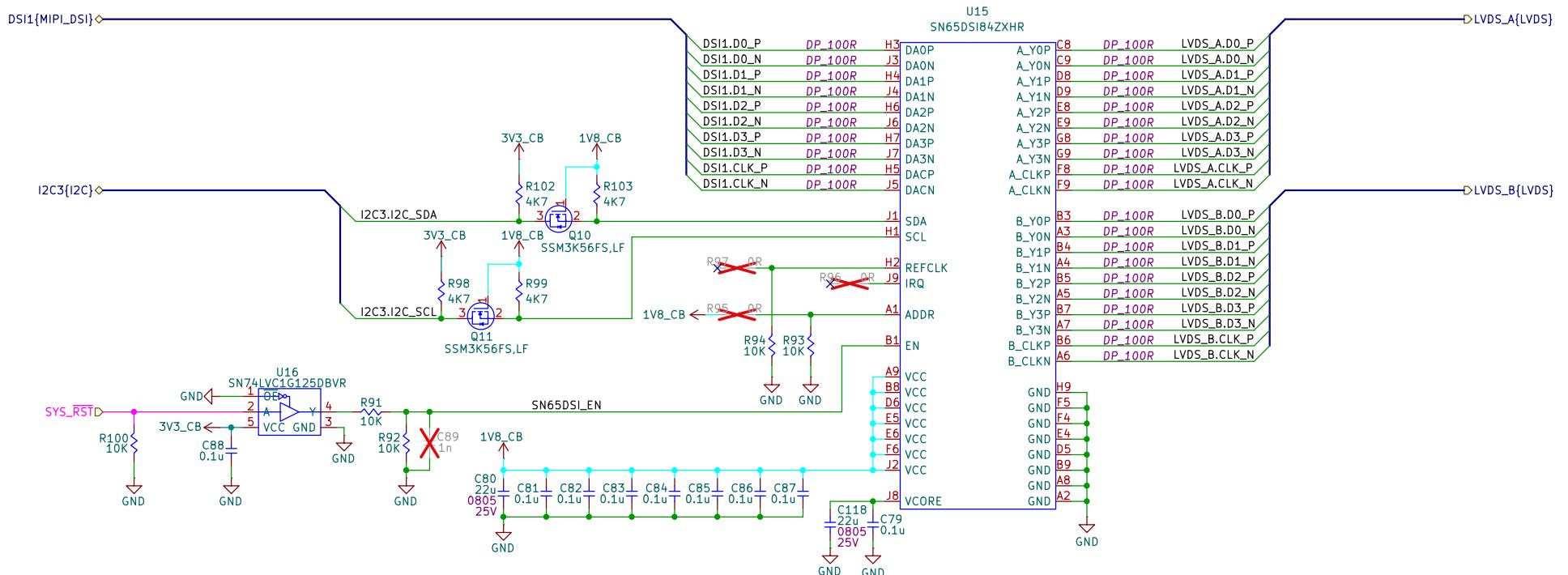




Resistors are 1% 1/16W 0402 unless otherwise noted  
Capacitors are 10% 50V X7R 0402 unless otherwise noted

*Designed by:* Jean-Francois Bilodeau  
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Sherbrooke, Canada, J1EON2

<b>Project:</b> RPI CMx Carrier	<b>Drawn by:</b> Jean-Francois Bilodeau	<b>Sheet:</b> 5 of 19
<b>Sheet Title:</b> Power Supply.kicad_sch	<b>Approved by:</b> Not applicable	<b>Status:</b> Preliminary
<b>Date:</b> 2025-12-07	<b>BOM:</b> RPI_CMx_Carrier_2.00-0A_BOM	<b>Current Revision:</b> 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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Project: RPI CMx Carrier

Sheet Title: DSI\_LVDS\_bridge.kicad\_

Date: 2025-12-07

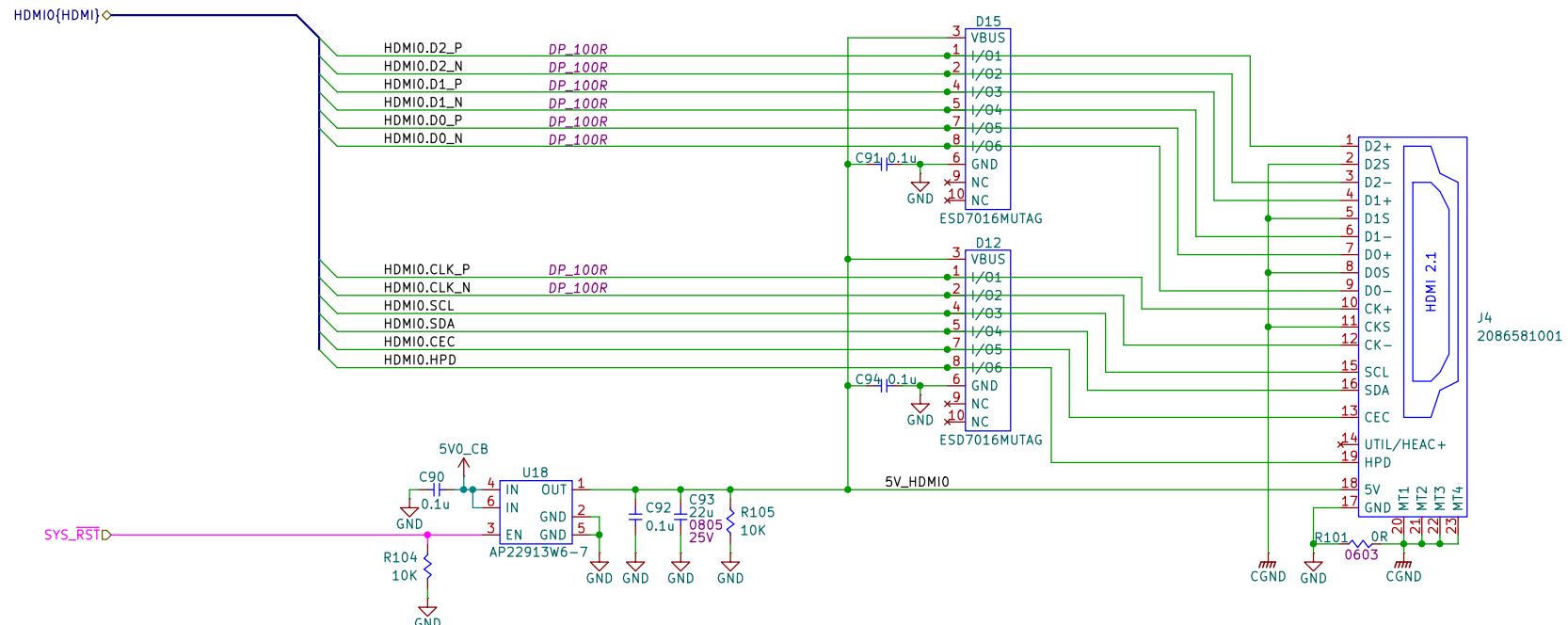
Digitized by srujanika@gmail.com

Logo

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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

1 2 3 4 5 6

Designed by: Jean-Francois Bilodeau  
P.Eng #6022173  
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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

Sheet Size: A4

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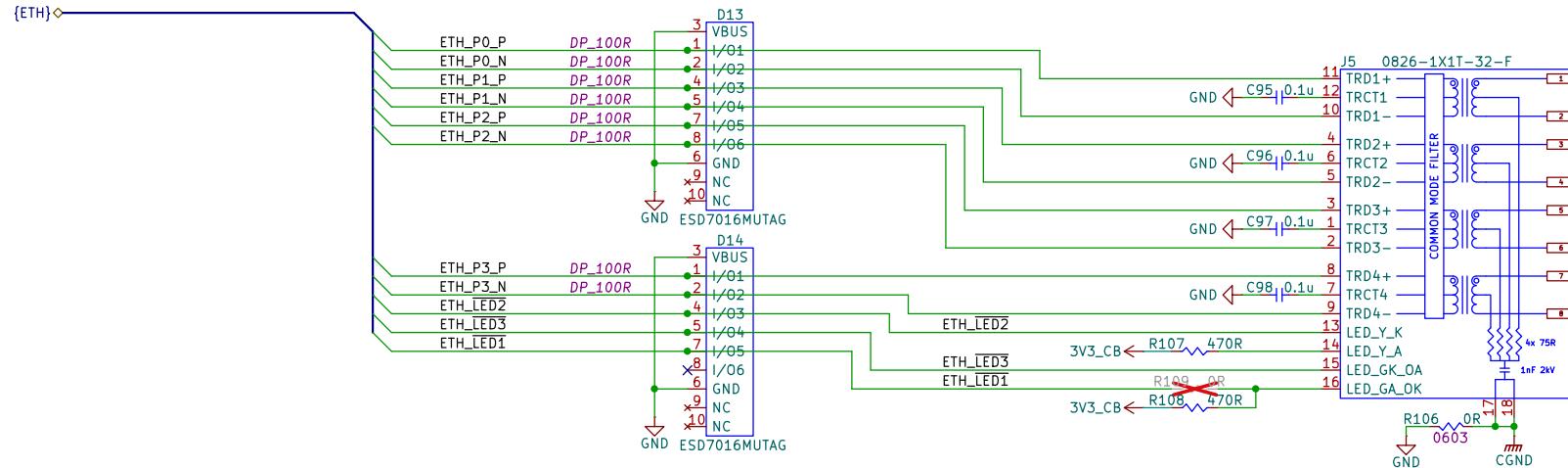
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Resistors are 1% 1/16W 0402 unless otherwise noted  
Capacitors are 10% 50V X7R 0402 unless otherwise noted

Revision	Change Order

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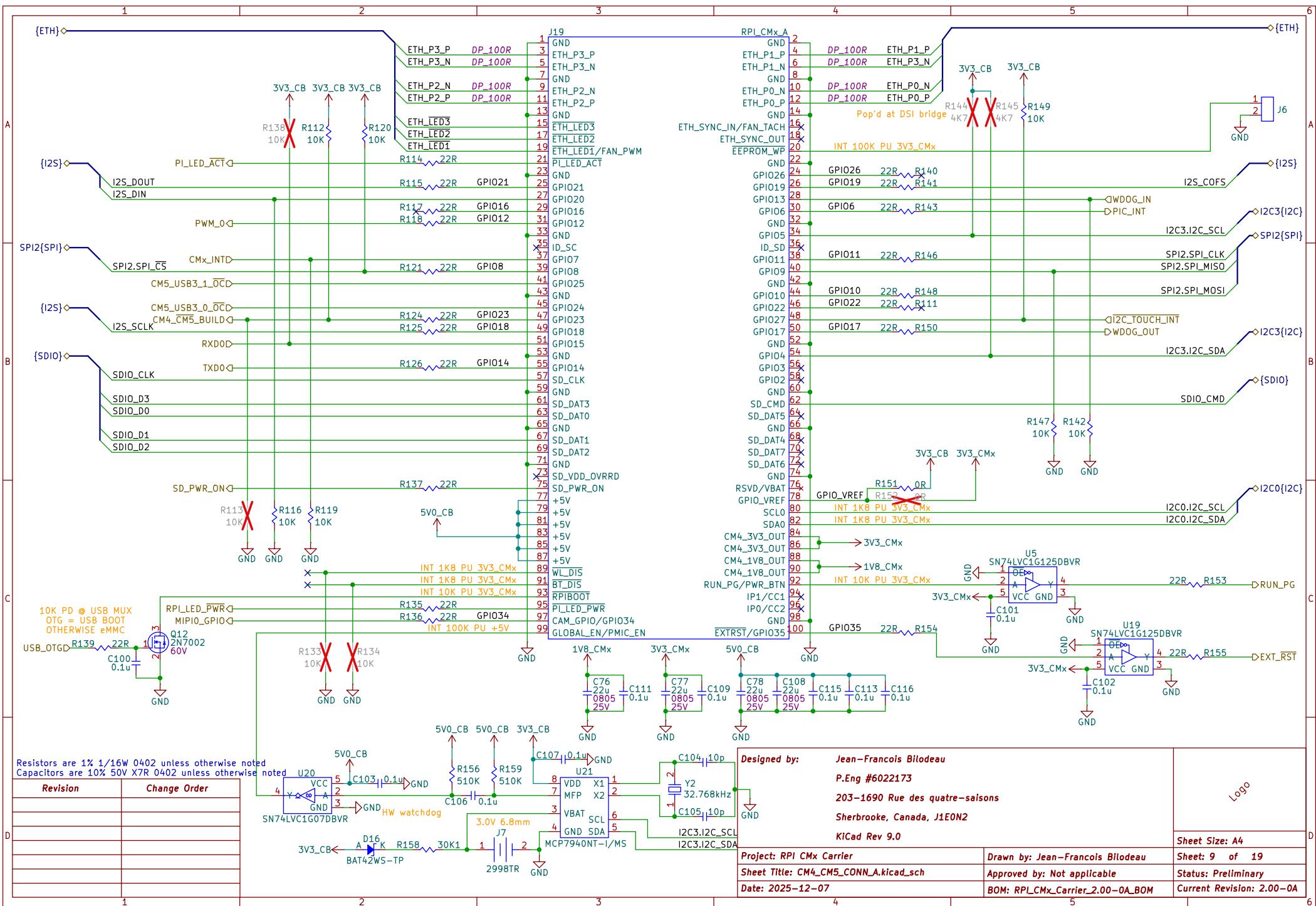
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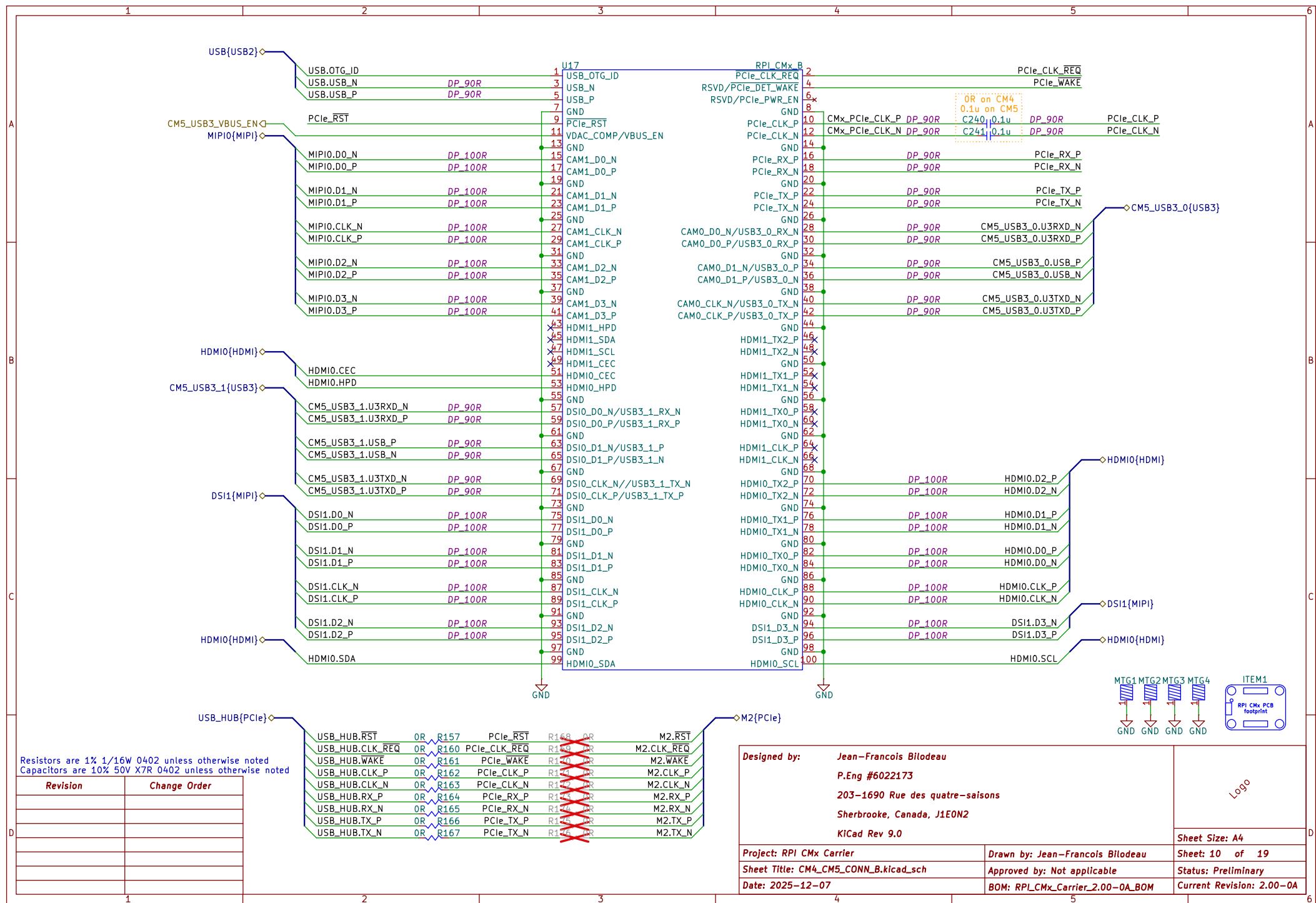
Designed by: Jean-Francois Bilodeau  
P.Eng #6022173  
203-1690 Rue des quatre-saisons  
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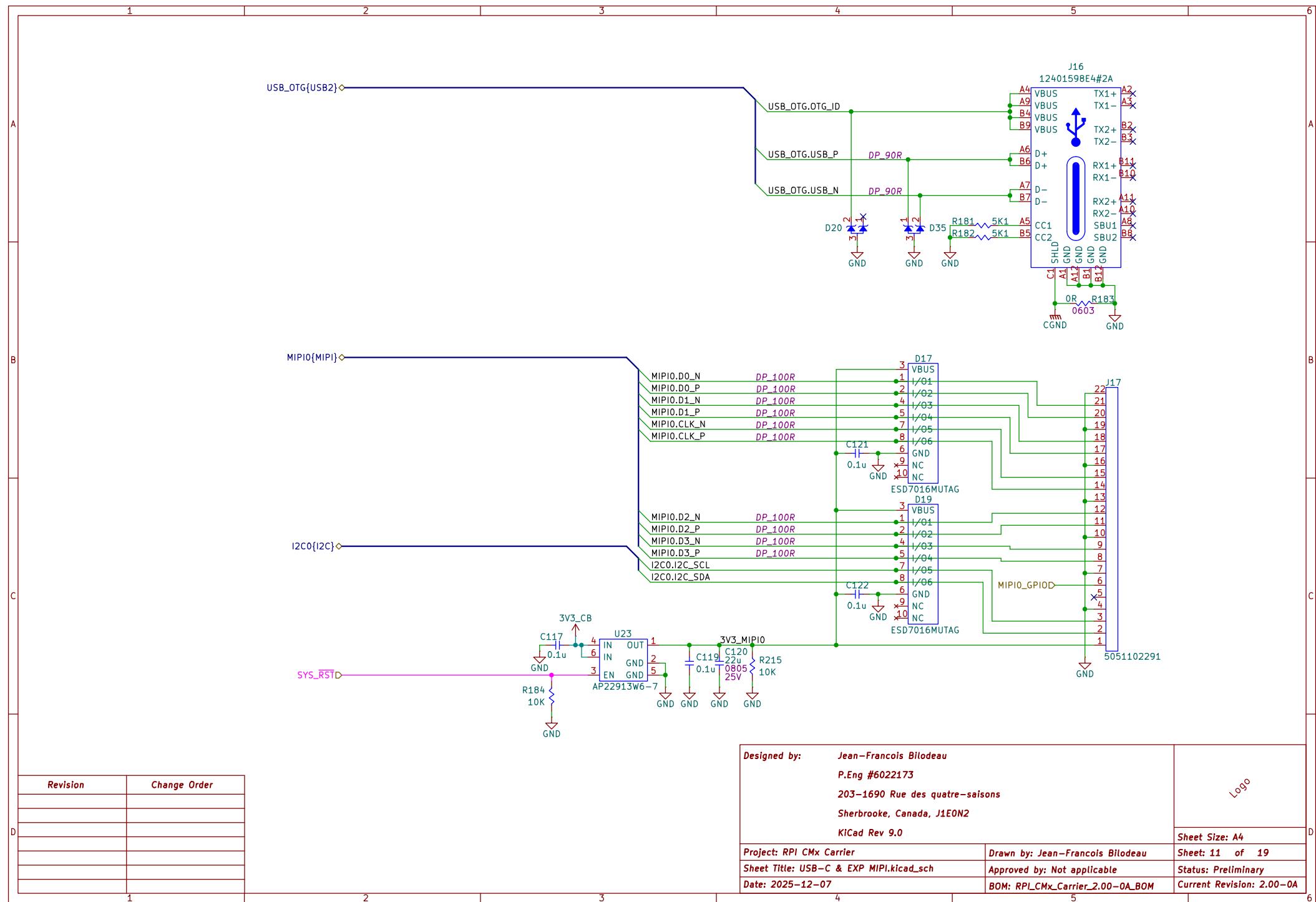
Project: RPI CMx Carrier	Drawn by: Jean-Francois Bilodeau	Sheet: 8 of 19
Sheet Title: Ethernet.kicad_sch	Approved by: Not applicable	Status: Preliminary
Date: 2025-12-07	BOM: RPI_CMx_Carrier_2.00-0A_BOM	Current Revision: 2.00-0A

Logo

Sheet Size: A4







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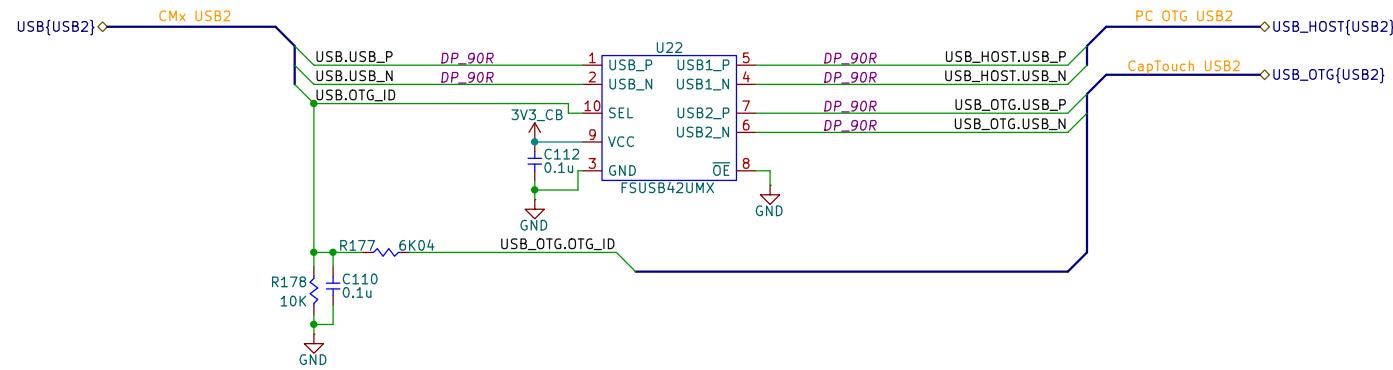
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Resistors are 1% 1/16W 0402 unless otherwise noted  
 Capacitors are 10% 50V X7R 0402 unless otherwise noted

Revision	Change Order

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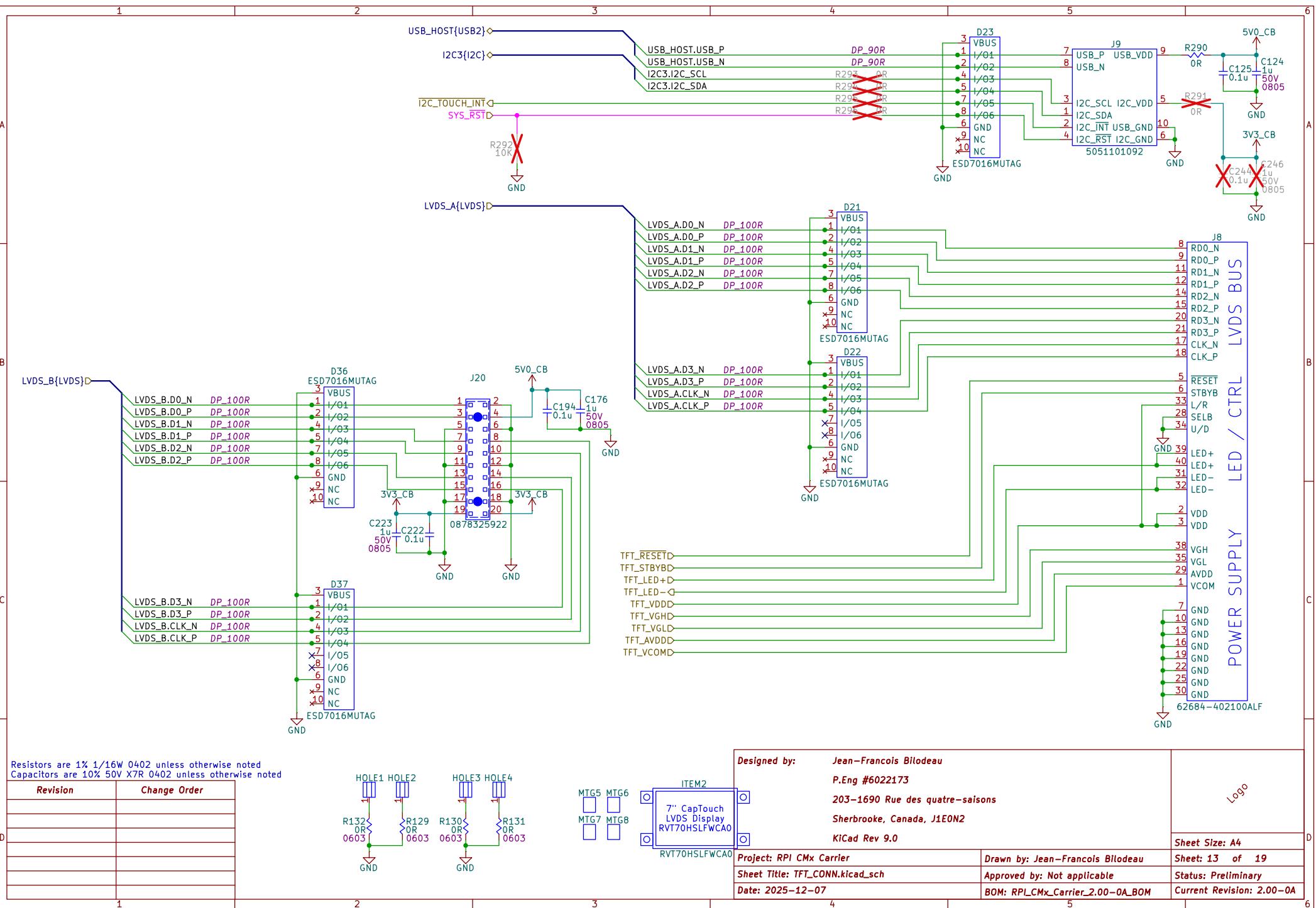
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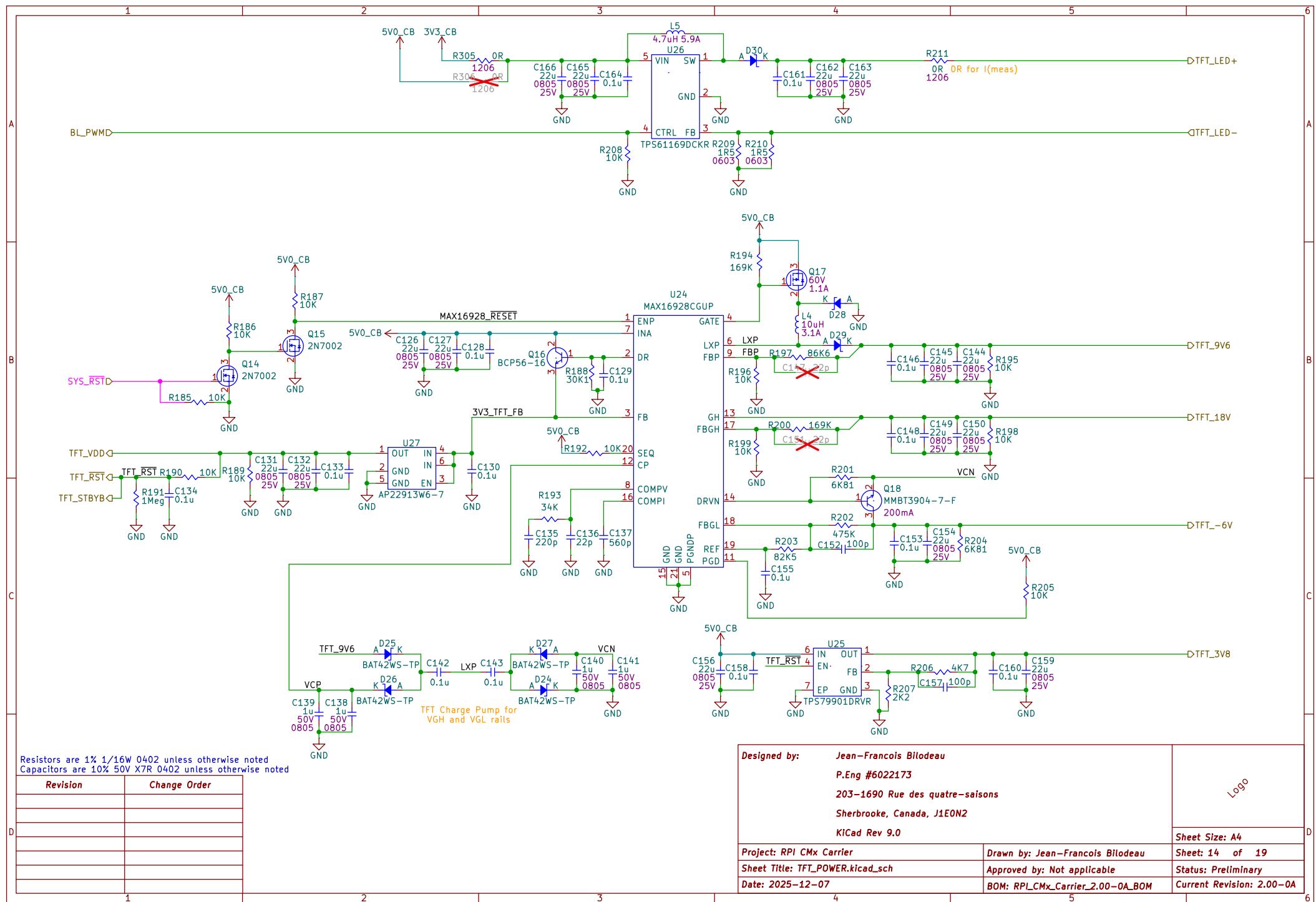
6

Designed by: Jean-Francois Bilodeau  
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 Sherbrooke, Canada, J1EON2  
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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





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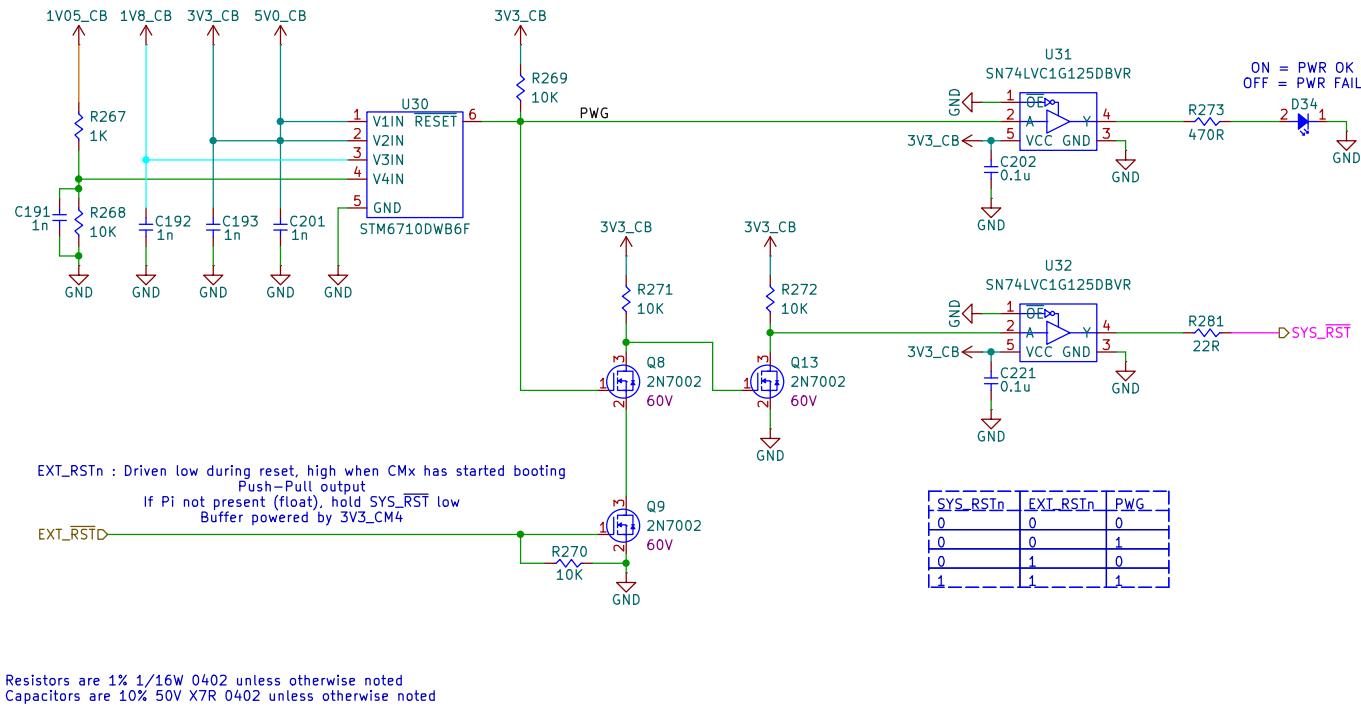
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Resistors are 1% 1/16W 0402 unless otherwise noted  
Capacitors are 10% 50V X7R 0402 unless otherwise noted

Revision	Change Order

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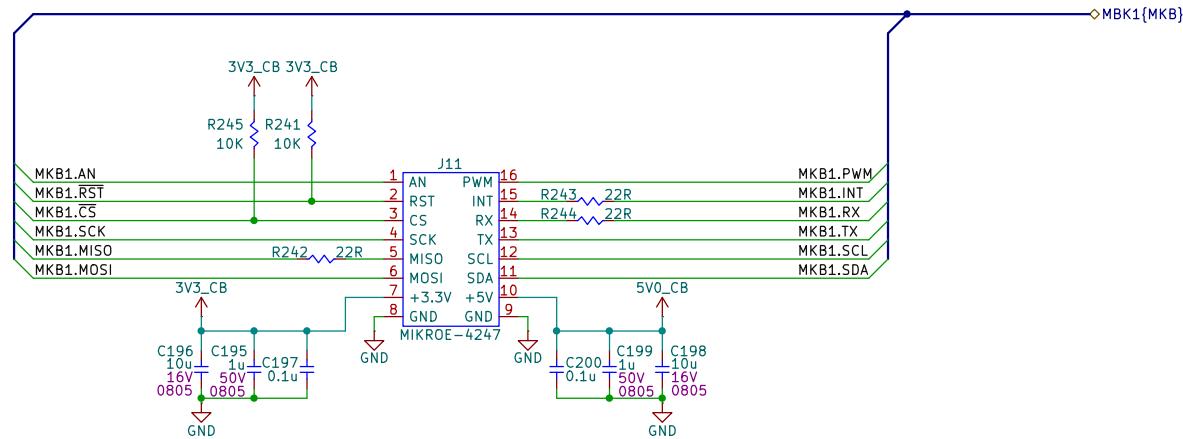
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203-1690 Rue des quatre-saisons  
Sherbrooke, Canada, J1E0N2  
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Project: RPI CMx Carrier	Drawn by: Jean-Francois Bilodeau	Sheet: 15 of 19
Sheet Title: RESET_SUPERVISOR.kicad_sch	Approved by: Not applicable	Status: Preliminary
Date: 2025-12-07	BOM: RPI_CMx_Carrier_2.00-0A_BOM	Current Revision: 2.00-0A

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Revision	Change Order

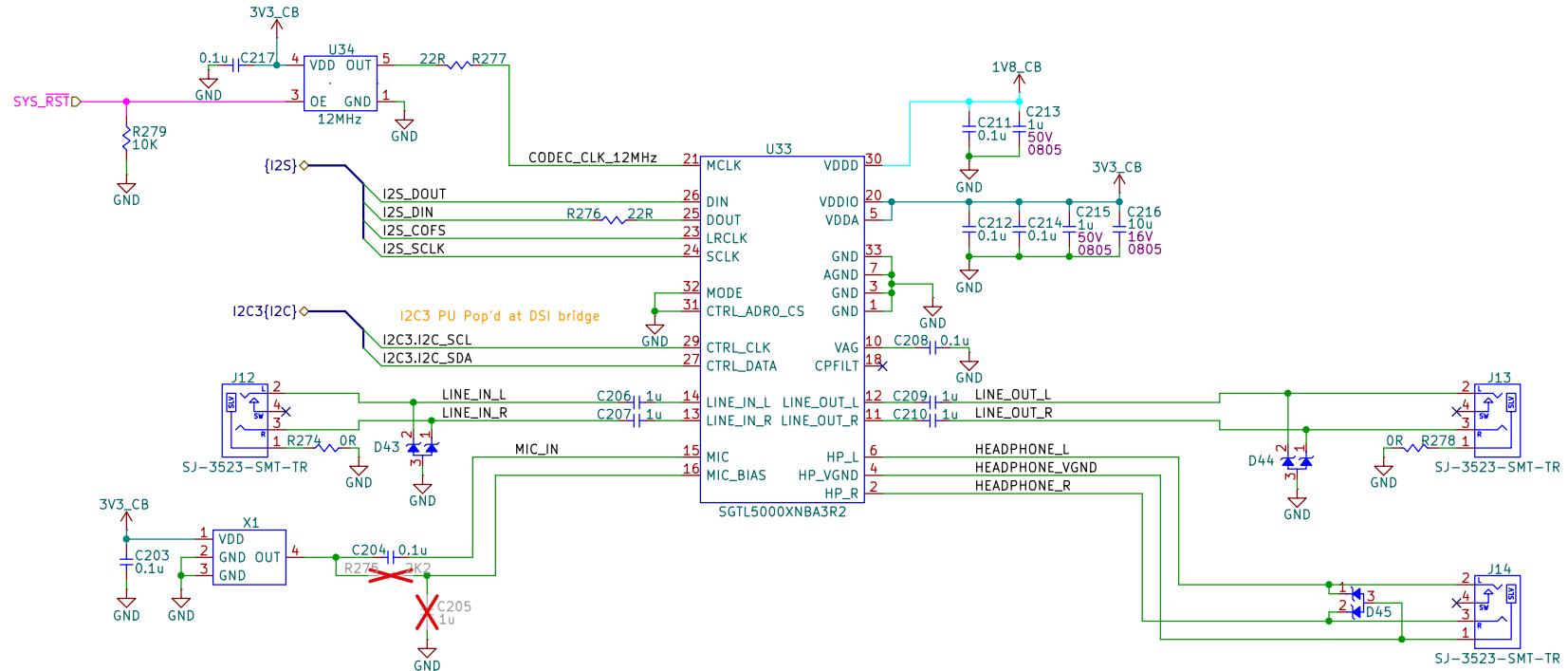
Designed by: Jean-Francois Bilodeau  
 P.Eng #6022173  
 203-1690 Rue des quatre-saisons  
 Sherbrooke, Canada, J1EON2  
 KiCad Rev 9.0

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

Logo

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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: 17 of 19
Sheet Title: AUDIO_CODEC.kicad_sch	Approved by: Not applicable	Status: Preliminary
Date: 2025-12-07	BOM: RPLCMx_Carrier_2.00-0A_BOM	Current Revision: 2.00-0A

Logo

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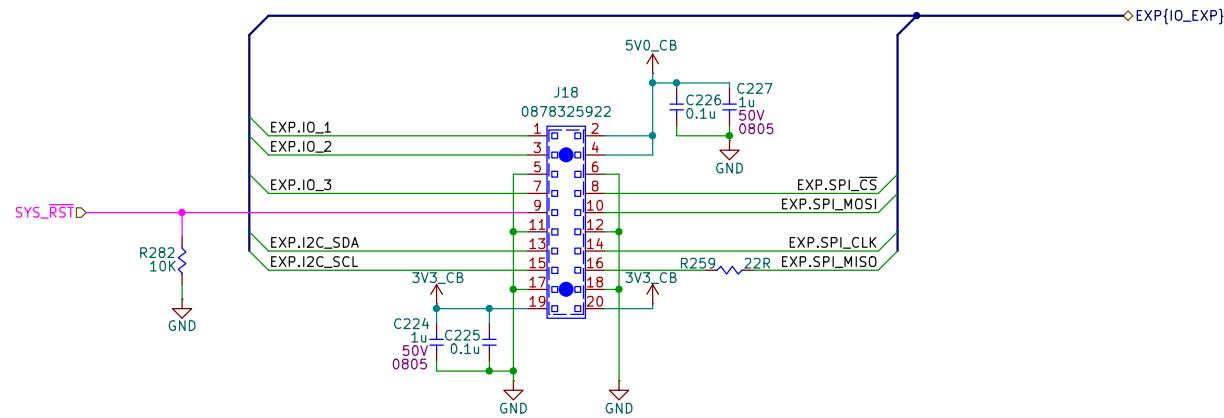
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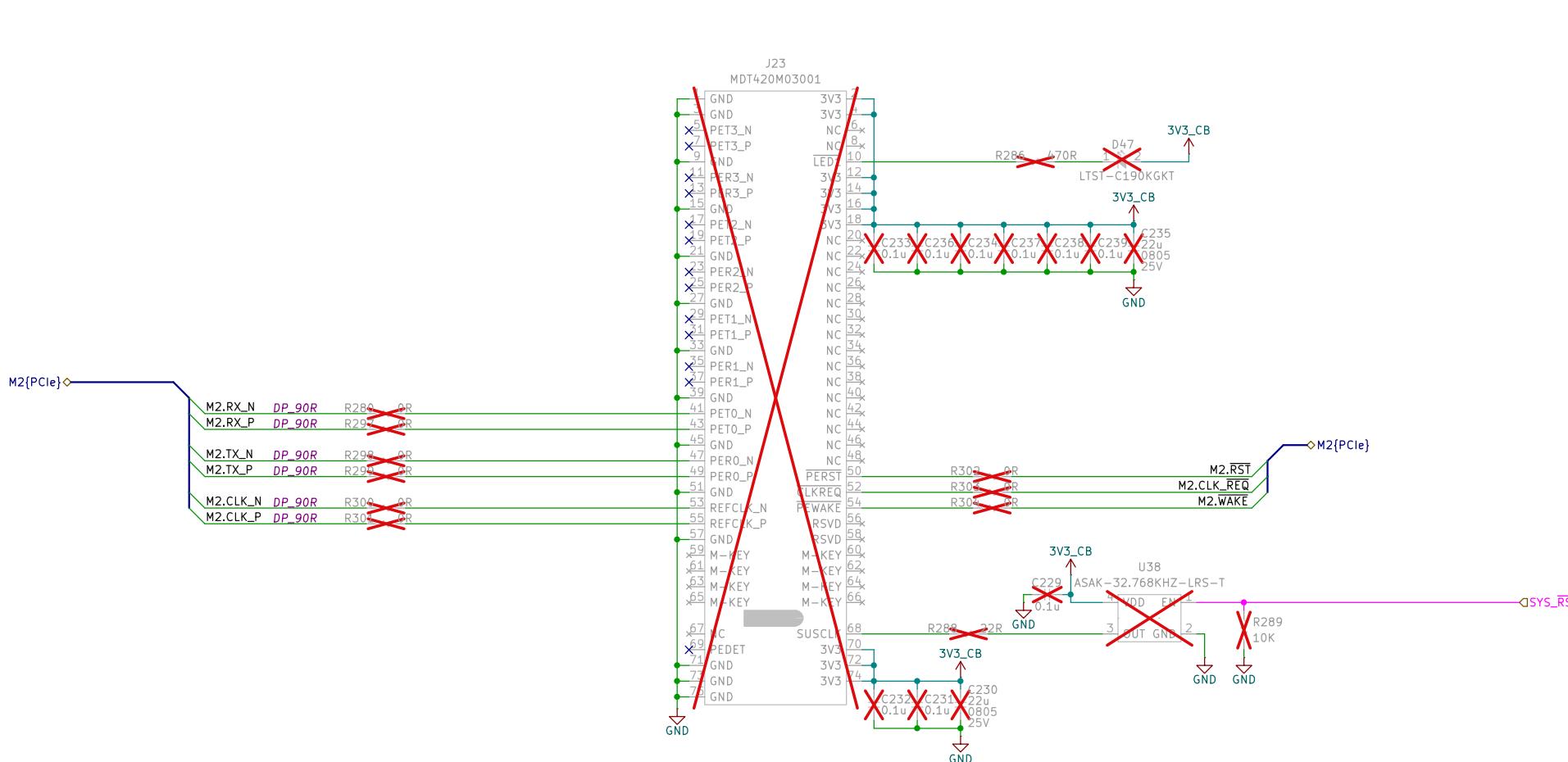
Revision	Change Order



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 203-1690 Rue des quatre-saisons  
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Project: RPI CMx Carrier	Drawn by: Jean-Francois Bilodeau	Sheet: 18 of 19
Sheet Title: Expansion_io.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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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: 2025-12-07	BOM: RPI_CMx_Carrier_2.00-0A_BOM	Current Revision: 2.00-0A