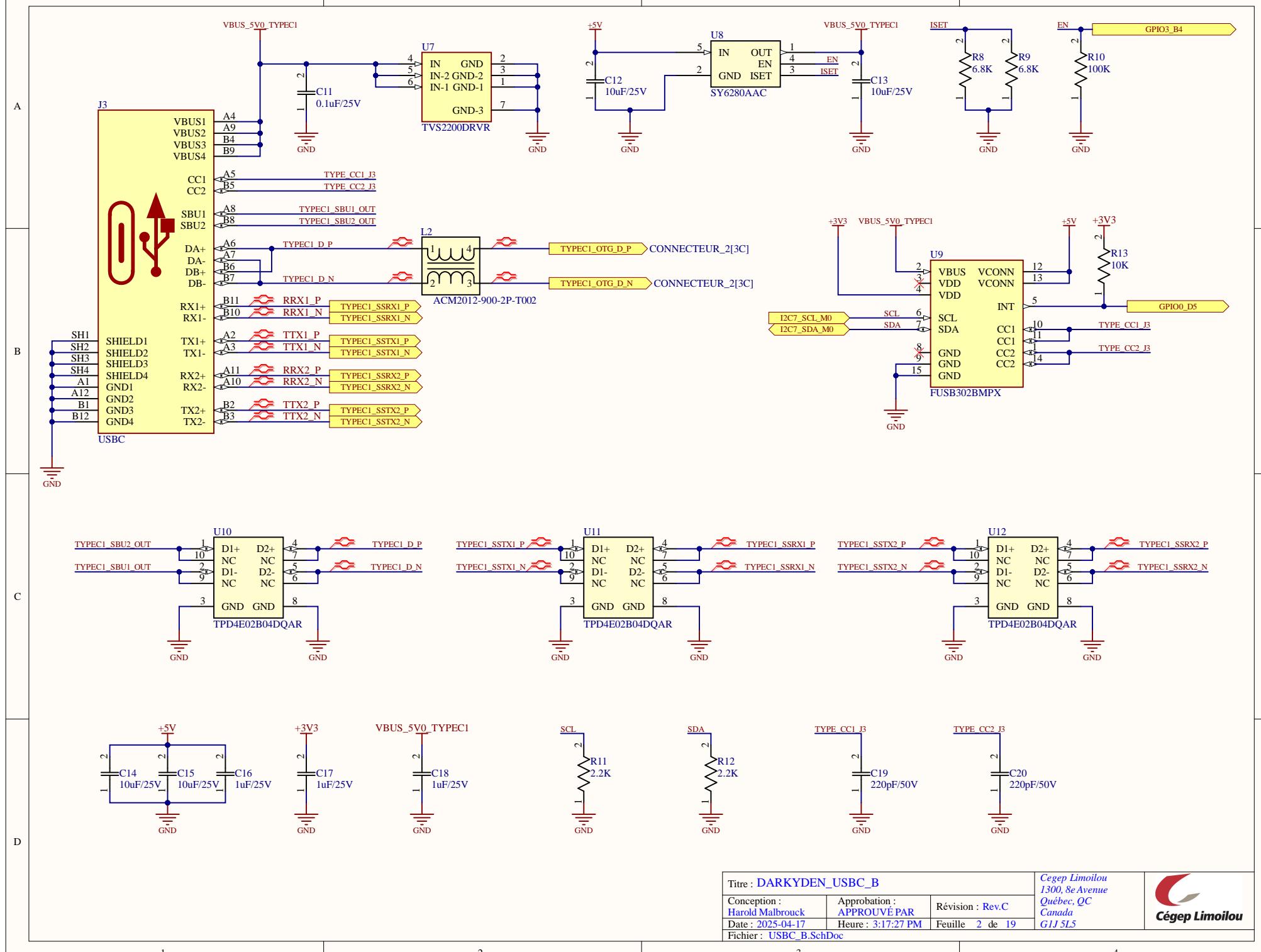
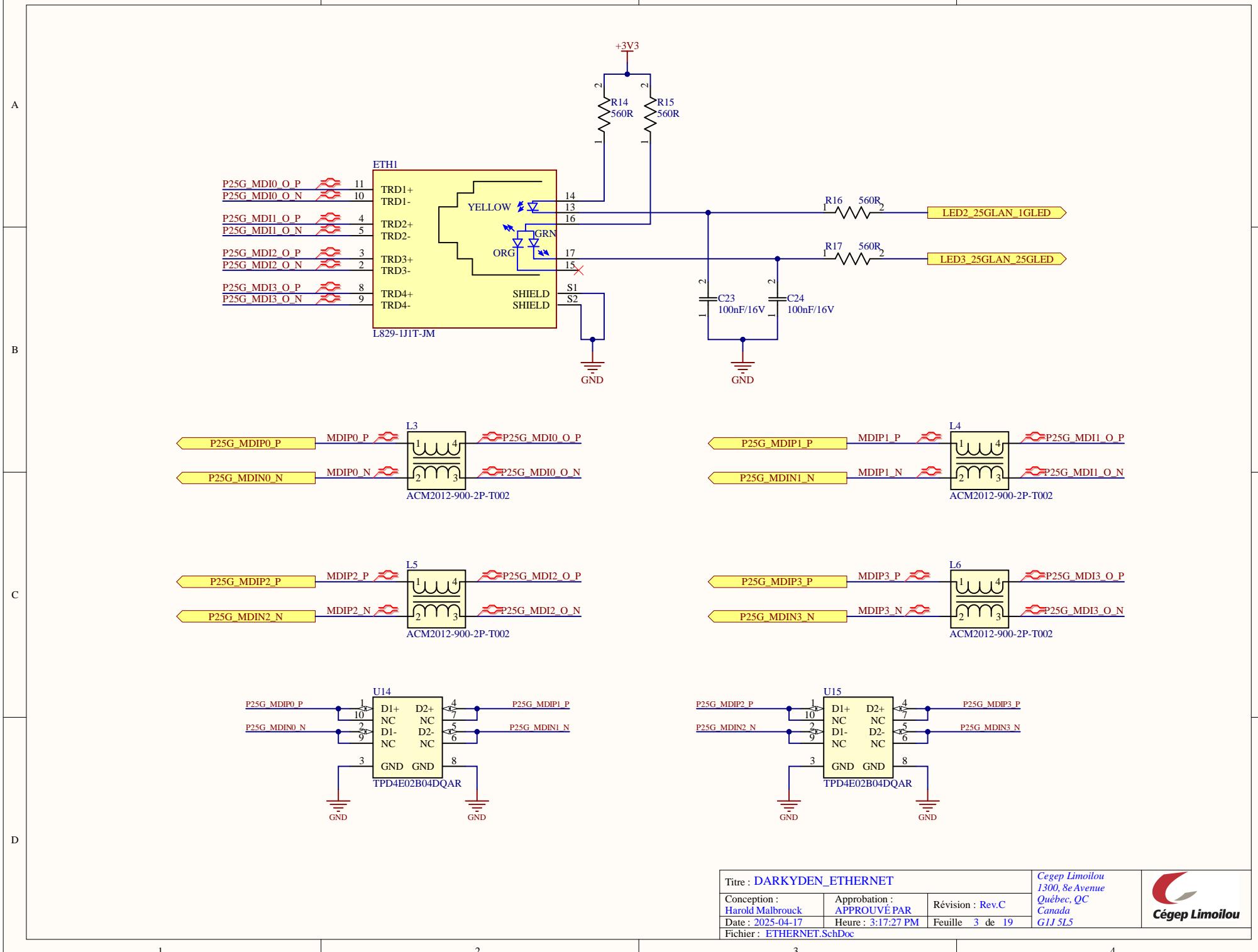


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1 2 3 4



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B

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C

D

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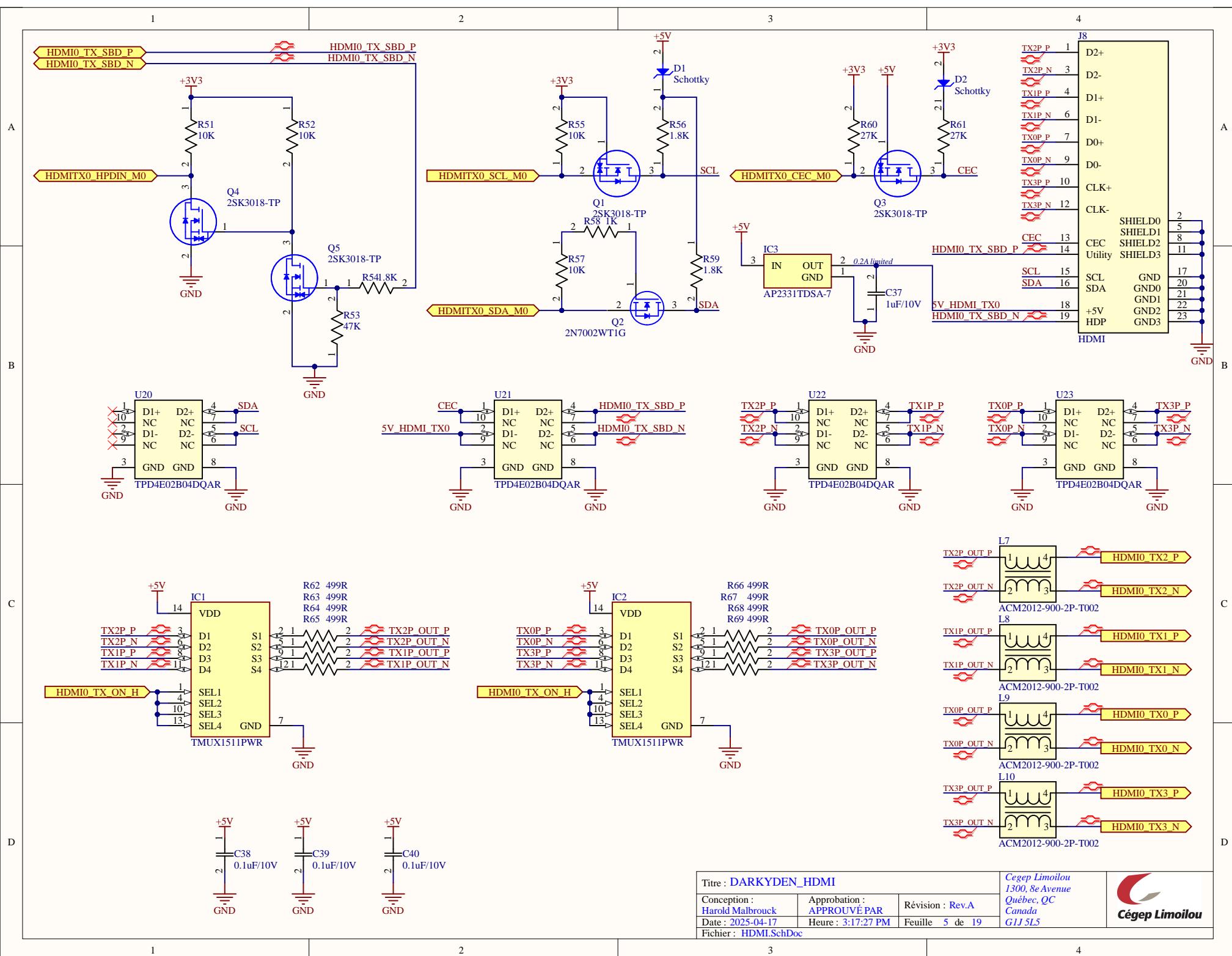
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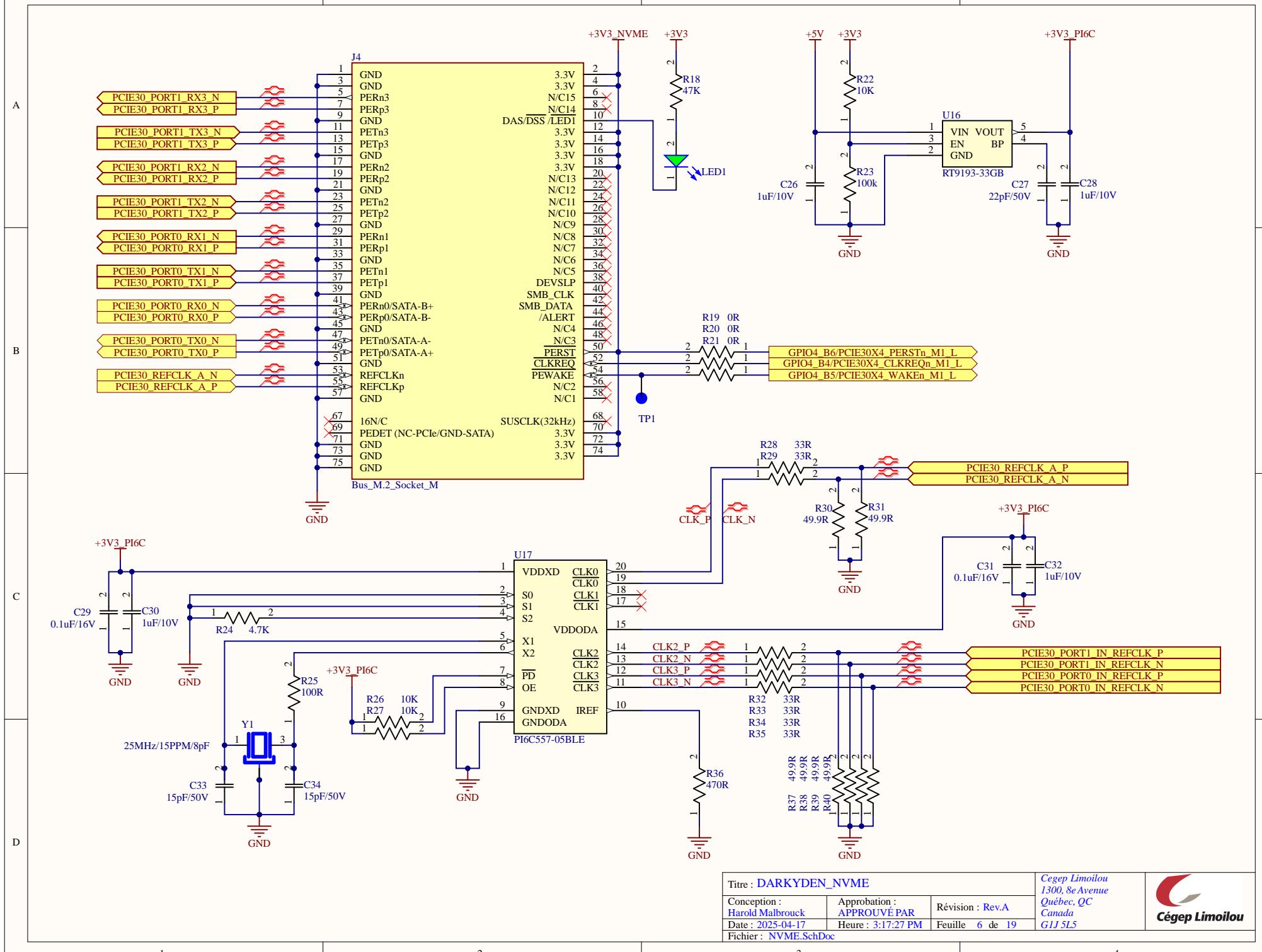
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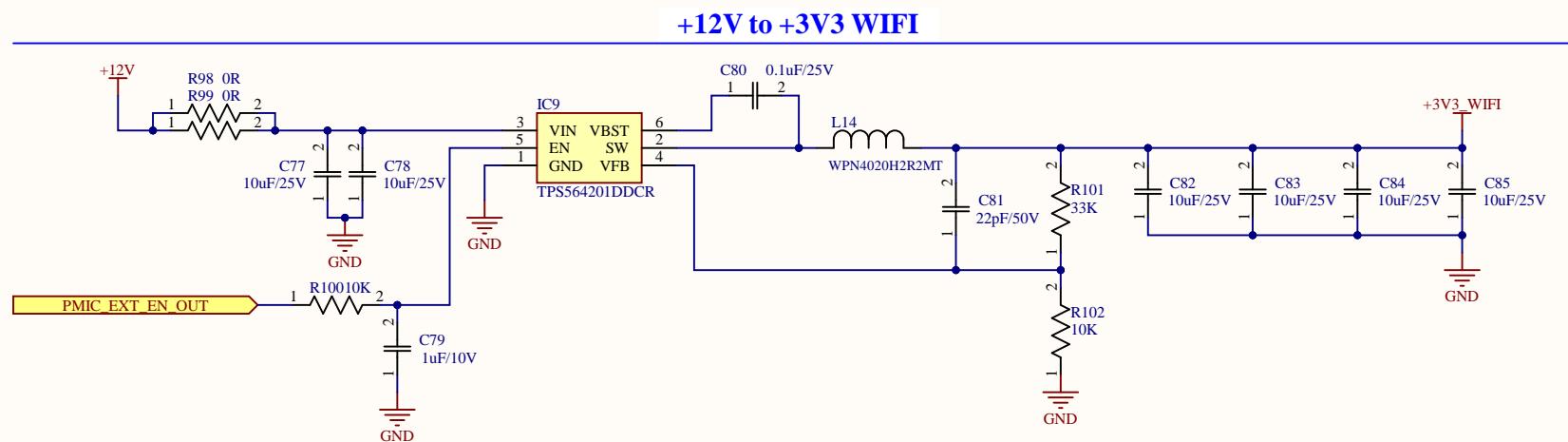
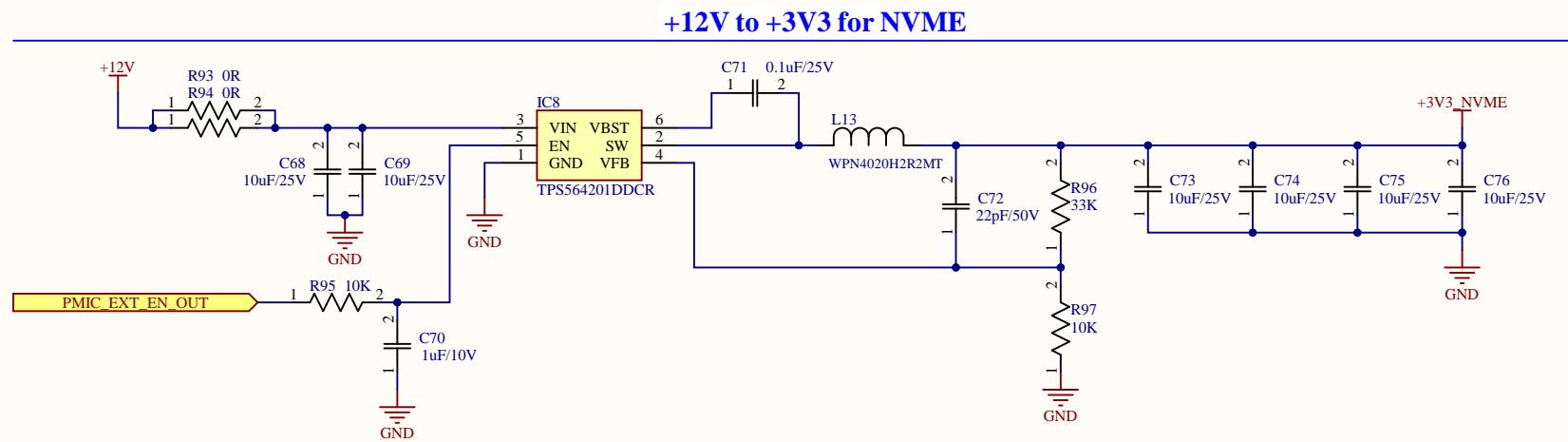
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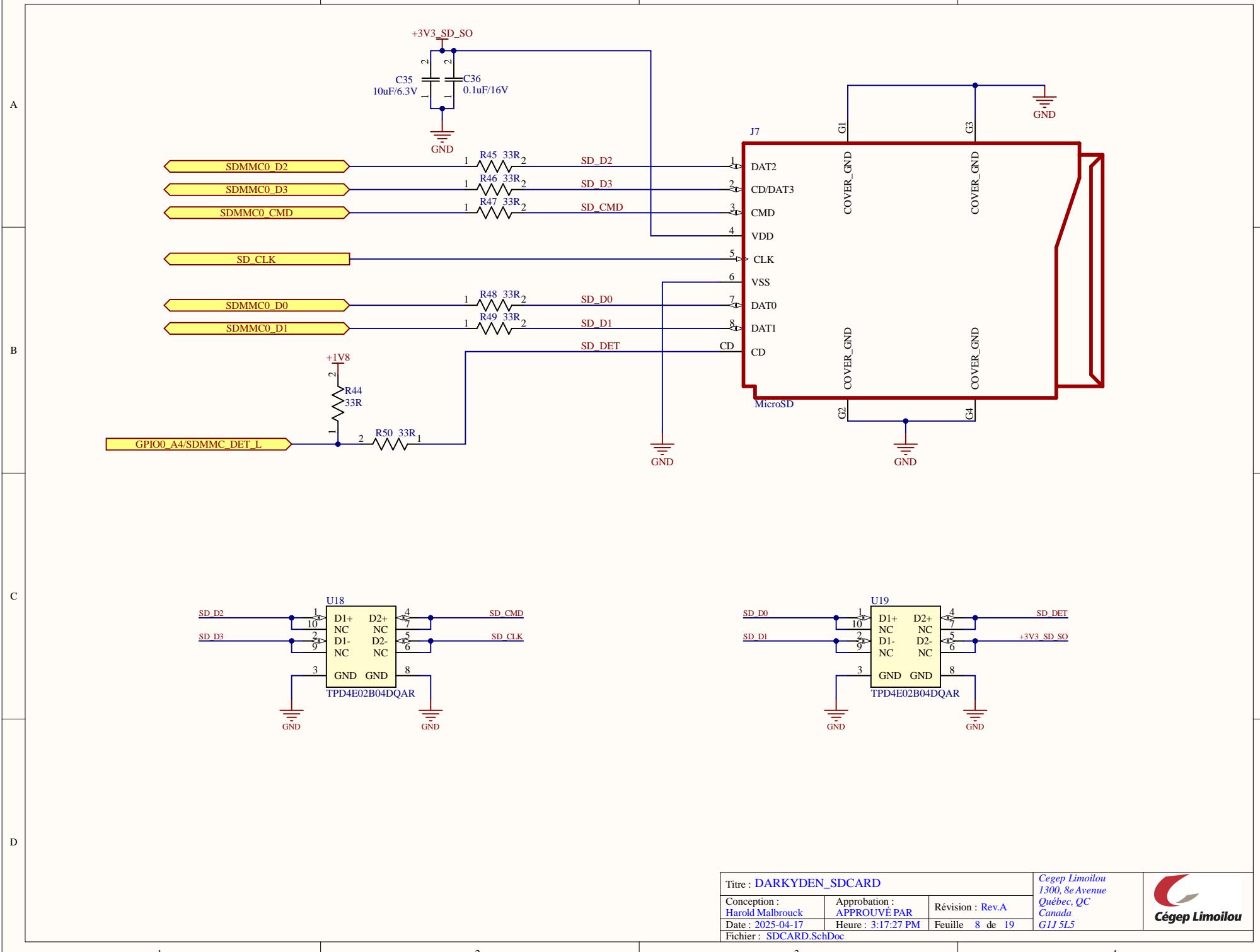
Conception :
Harold MalbrouckApprobation :
APPROUVÉ PARRévision : Rev.A
Date : 2025-04-17 Heure : 3:17:27 PM Feuille 4 de 19*Cégep Limoilou*
1300, 8e Avenue
Québec, QC
Canada
G1J 5L5

Fichier : GPIO.SchDoc







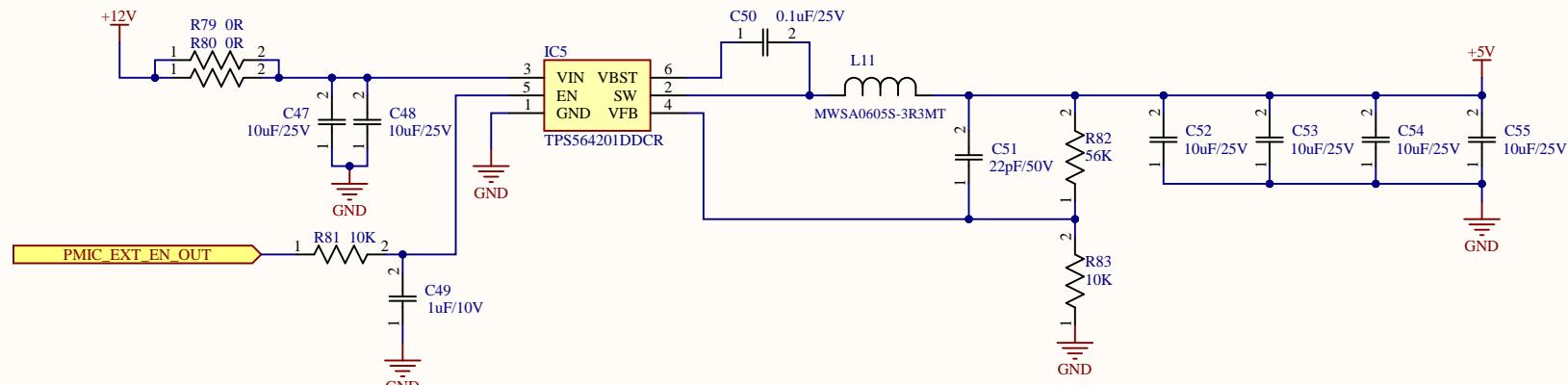
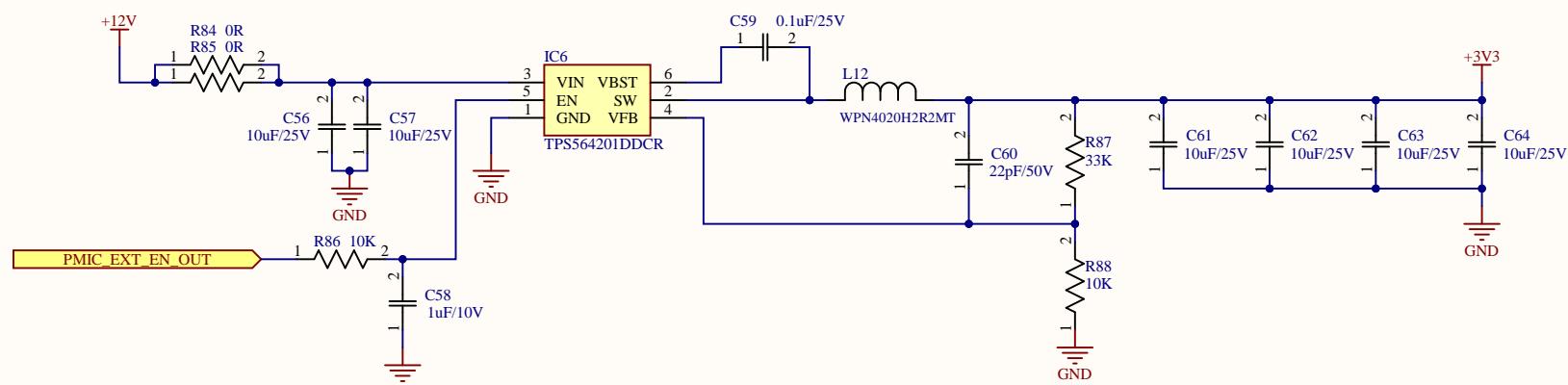
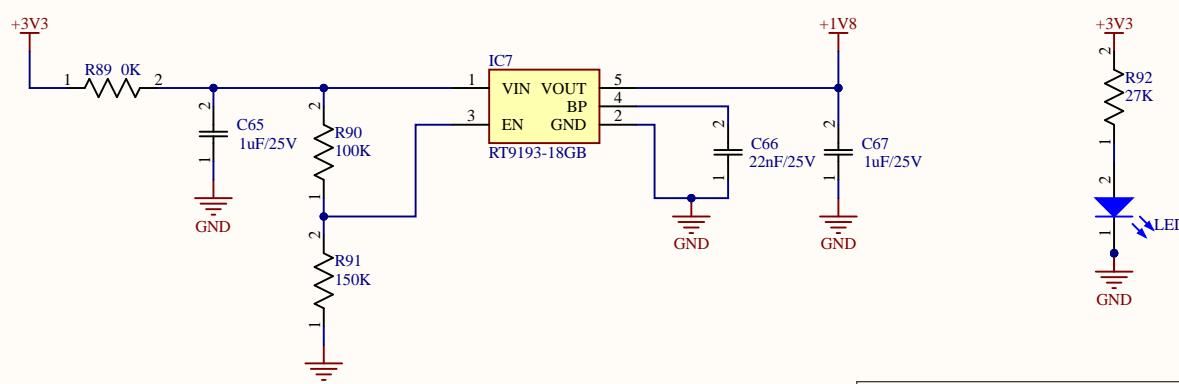


1

2

3

4

+12V to +5V**+12V to +3V3****+3V3 to +1V8**

Titre : DARKYDEN_POWER

Conception :

Harold Malbrouck

Approbation :

APPROUVE PAR

Révision :

Rev.A

Cegep Limoilou

1300, 8e Avenue
Québec, QC
Canada
G1J 5L5

Fichier : Power.SchDoc

IC10

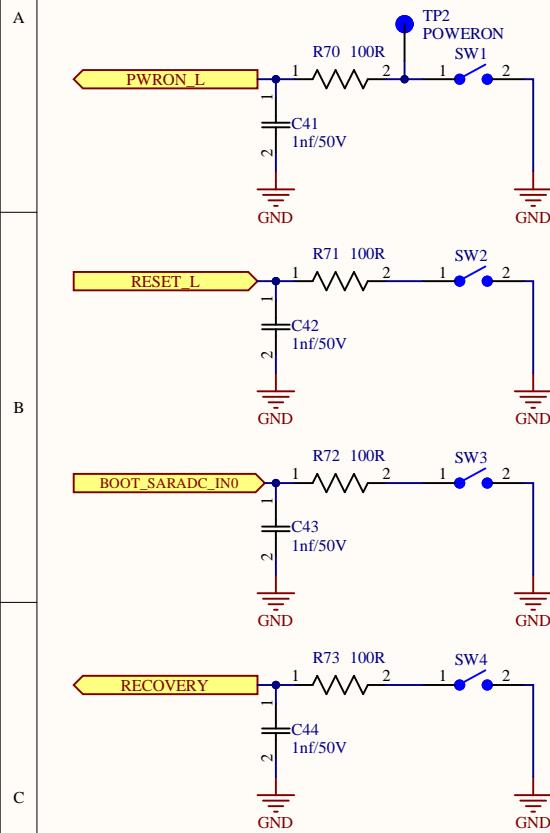
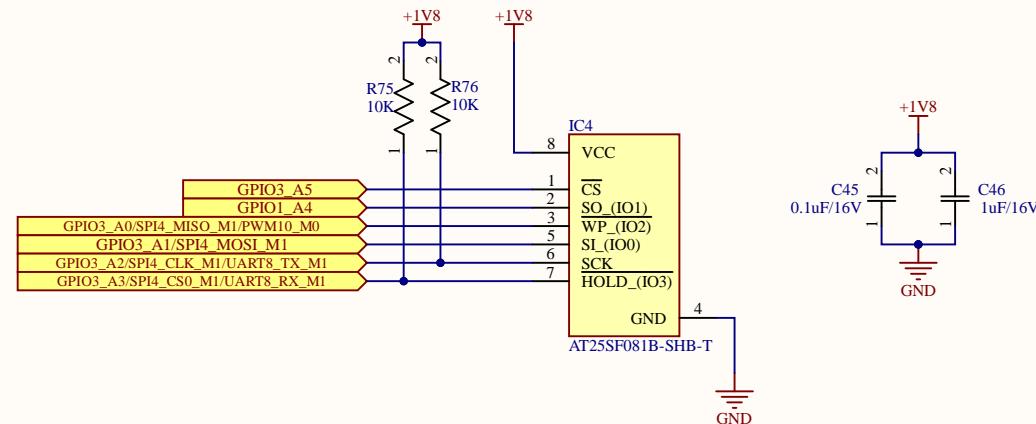
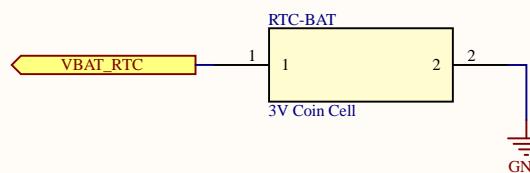
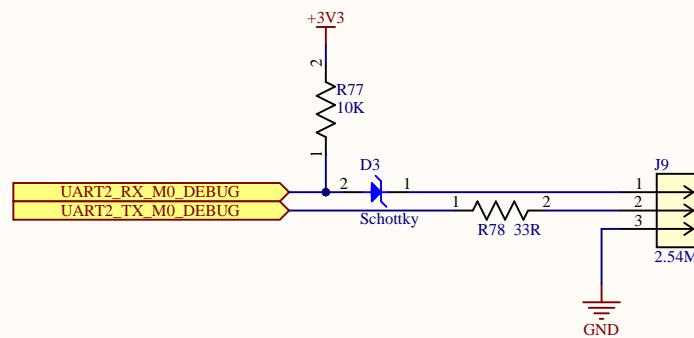
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5	EN	SW	2

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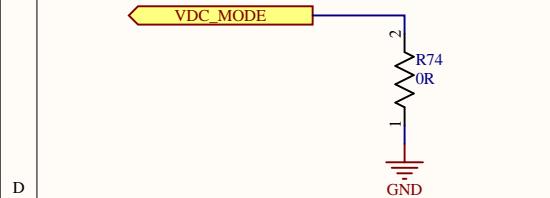
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Buttons**To enable nvme boot****RTC****Debug UART**

Open: power up immediately after 12V IN is powered
Short: power up after PowerKey is pressed

Power Mode Select

Titre : DARKYDEN_SYSTEMCTL

Conception : Harold Malbrouck

Approbation : APPROUÉ PAR

Révision : Rev.A

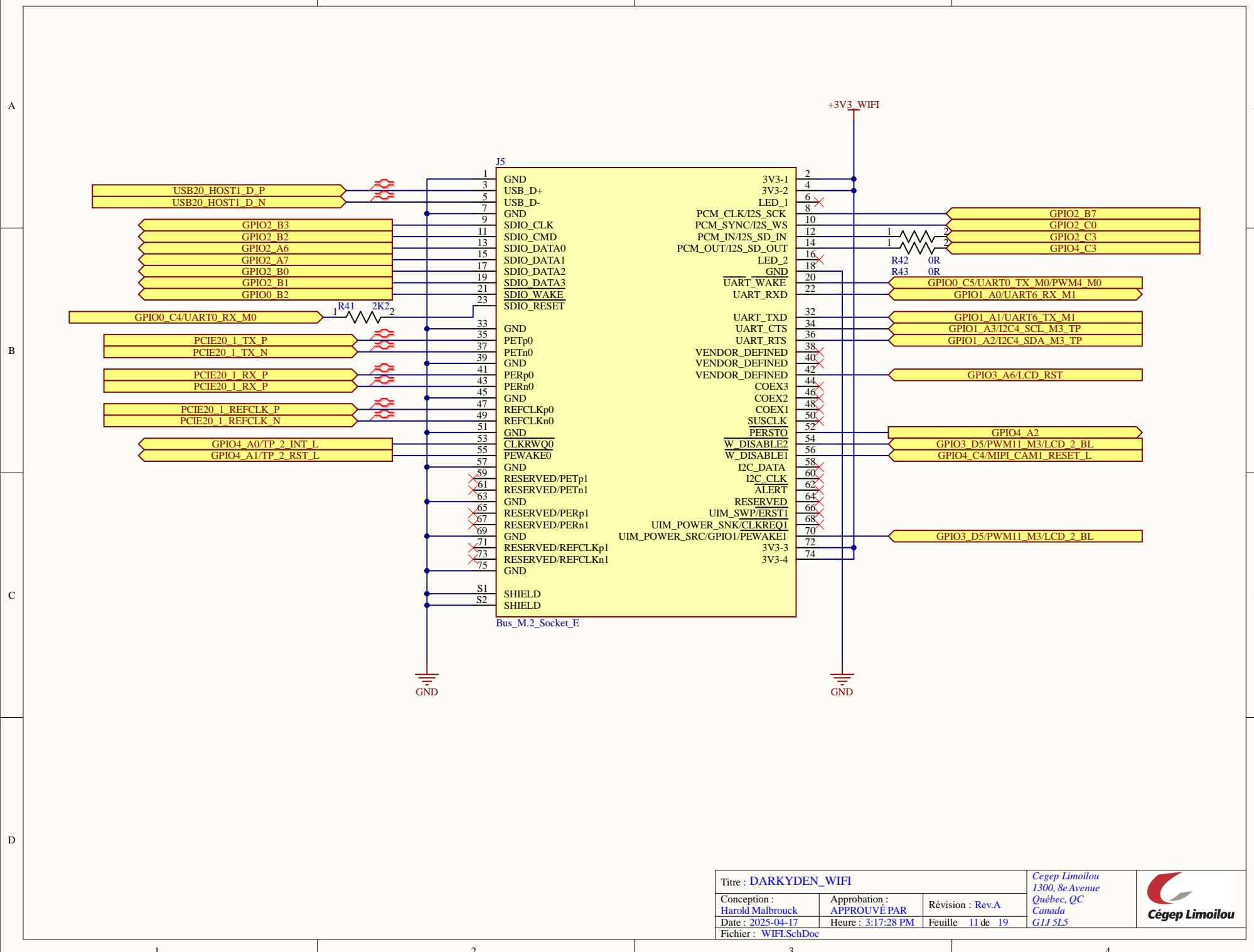
Québec, QC

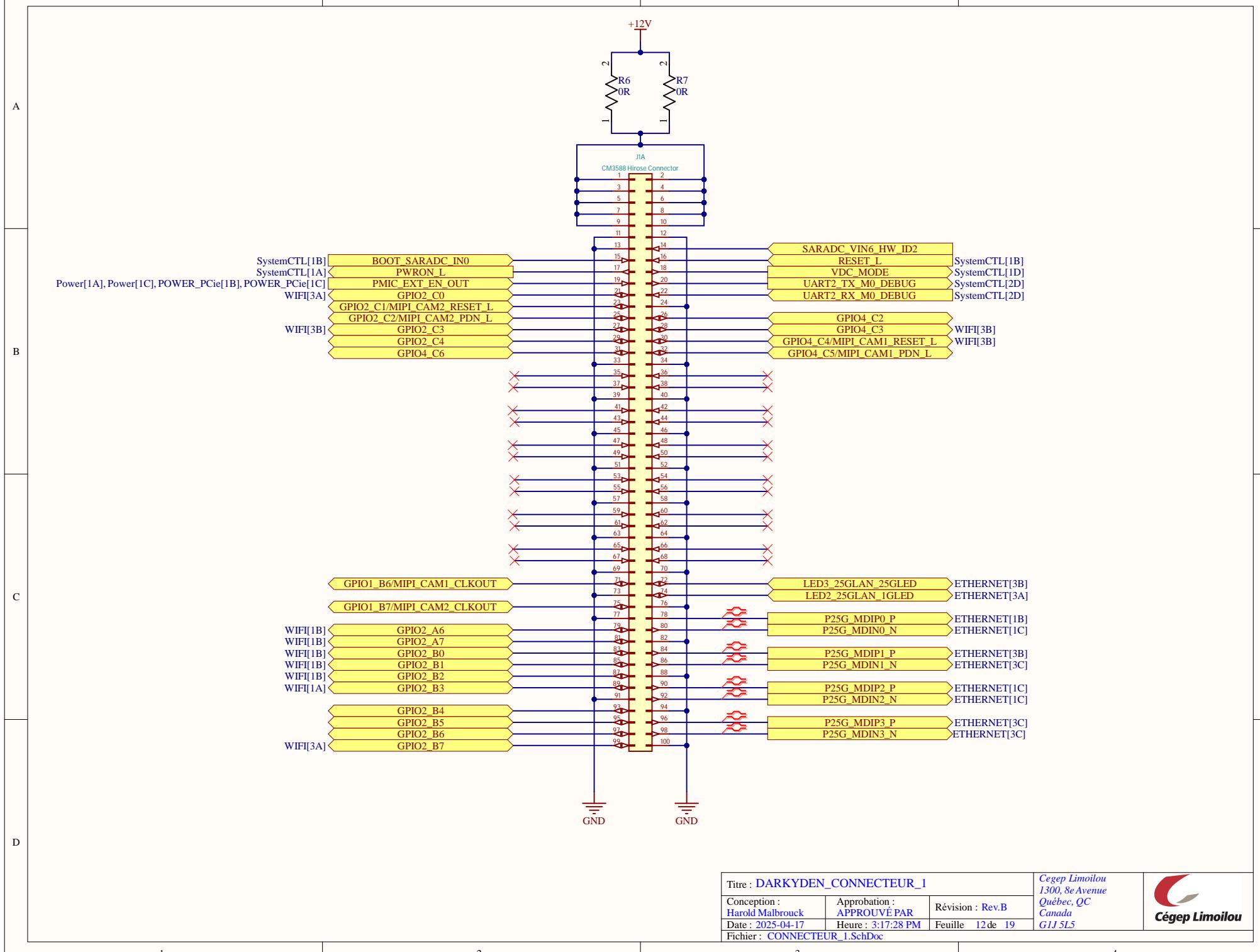
Canada

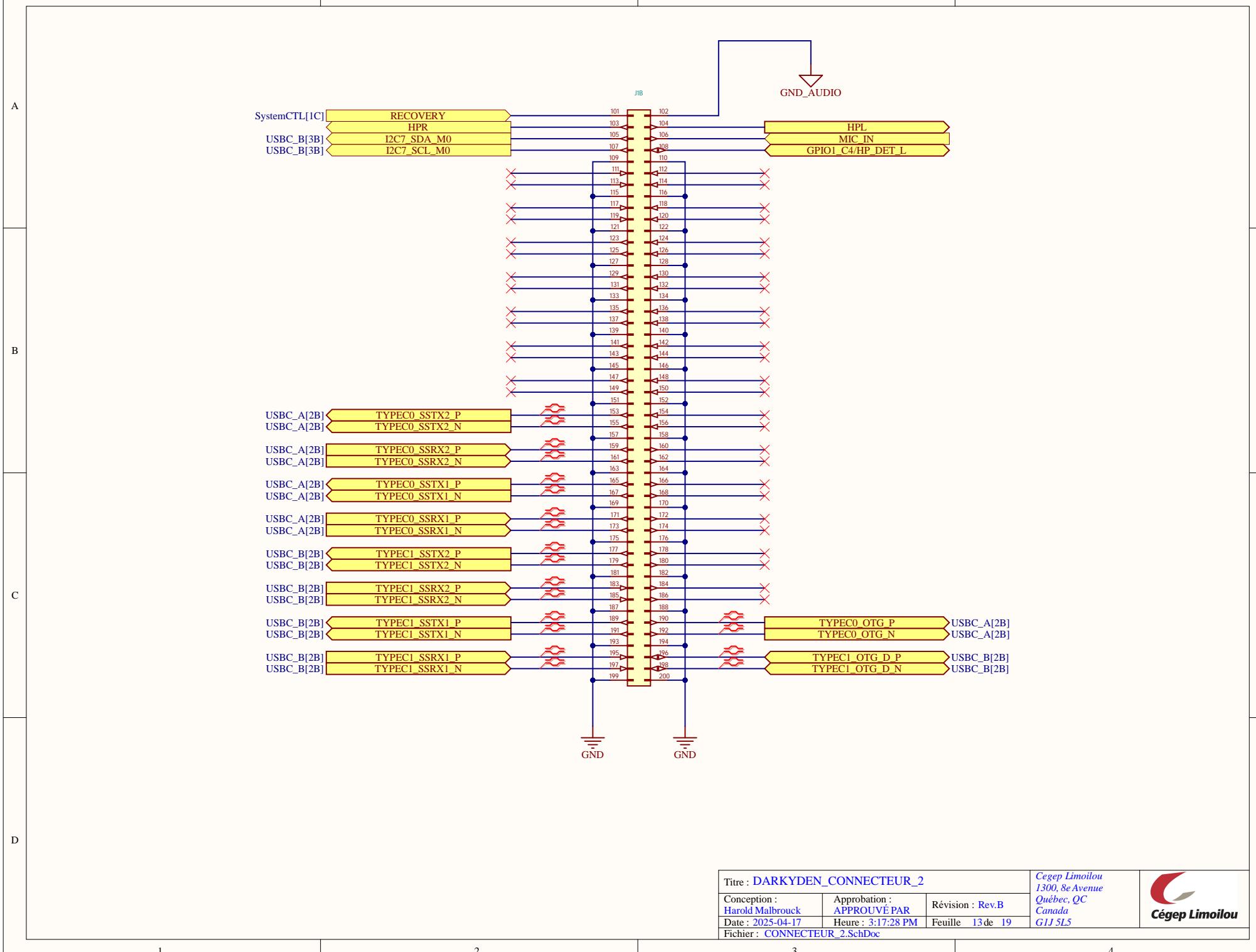
G1J 5L5

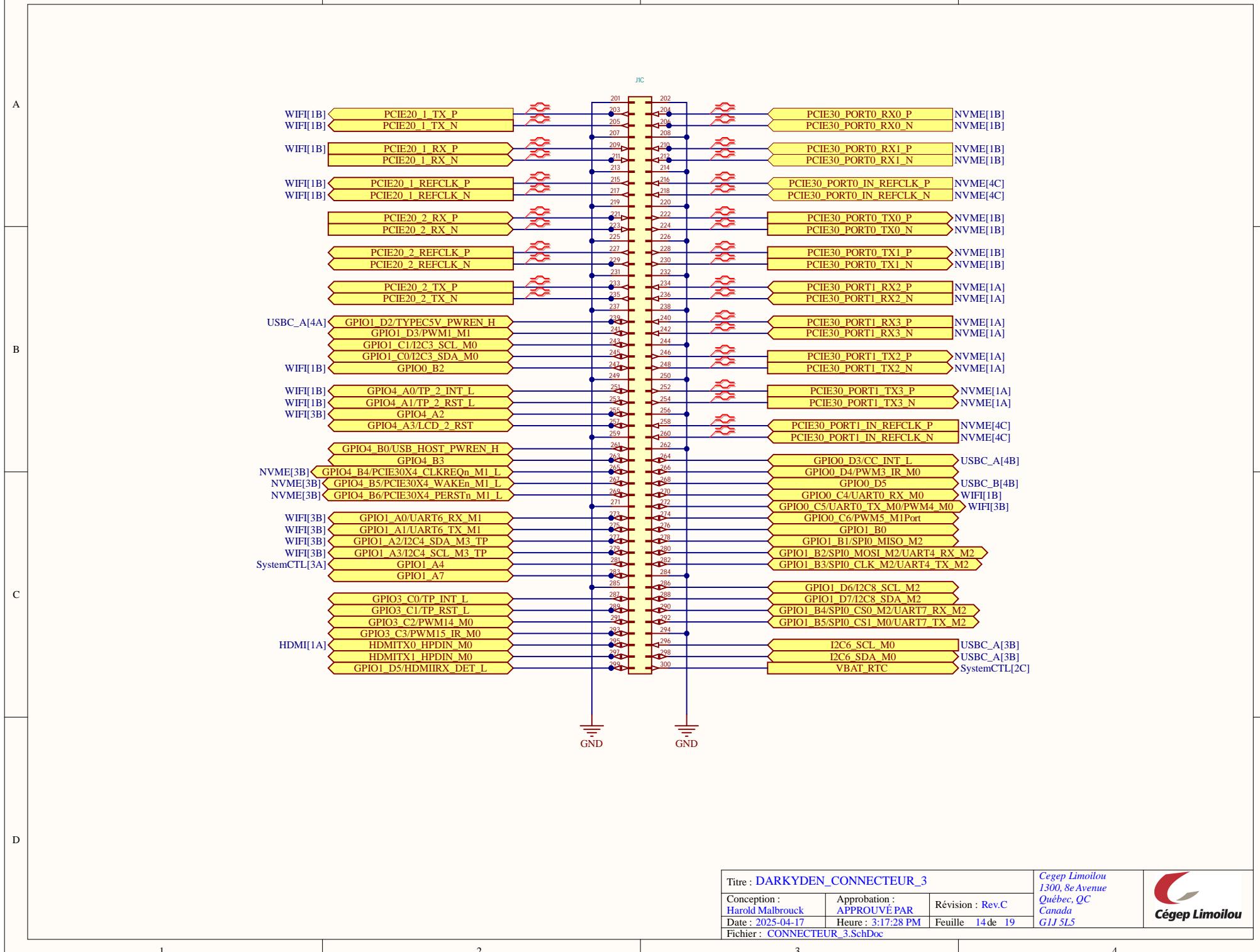


Fichier : SystemCTL.SchDoc





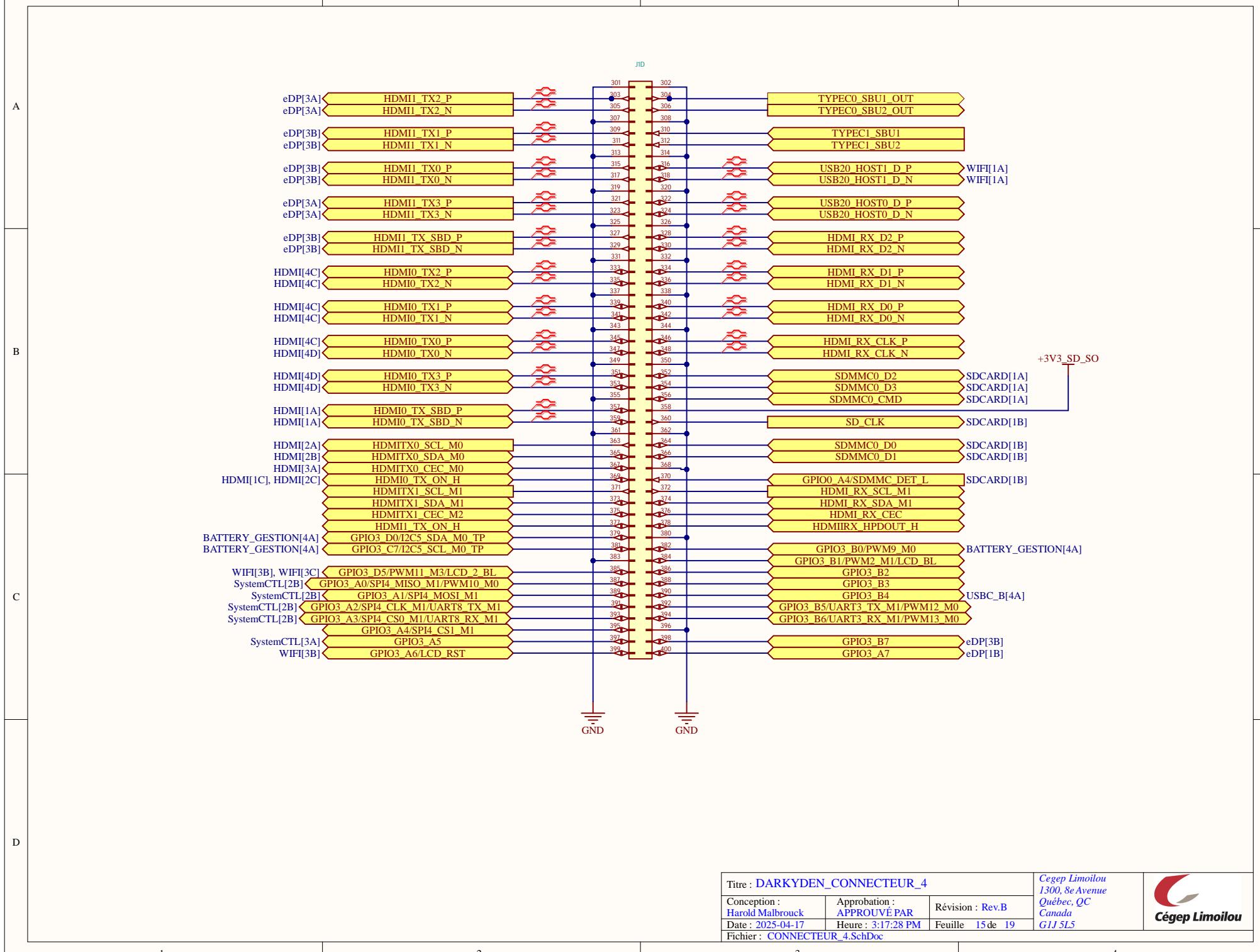


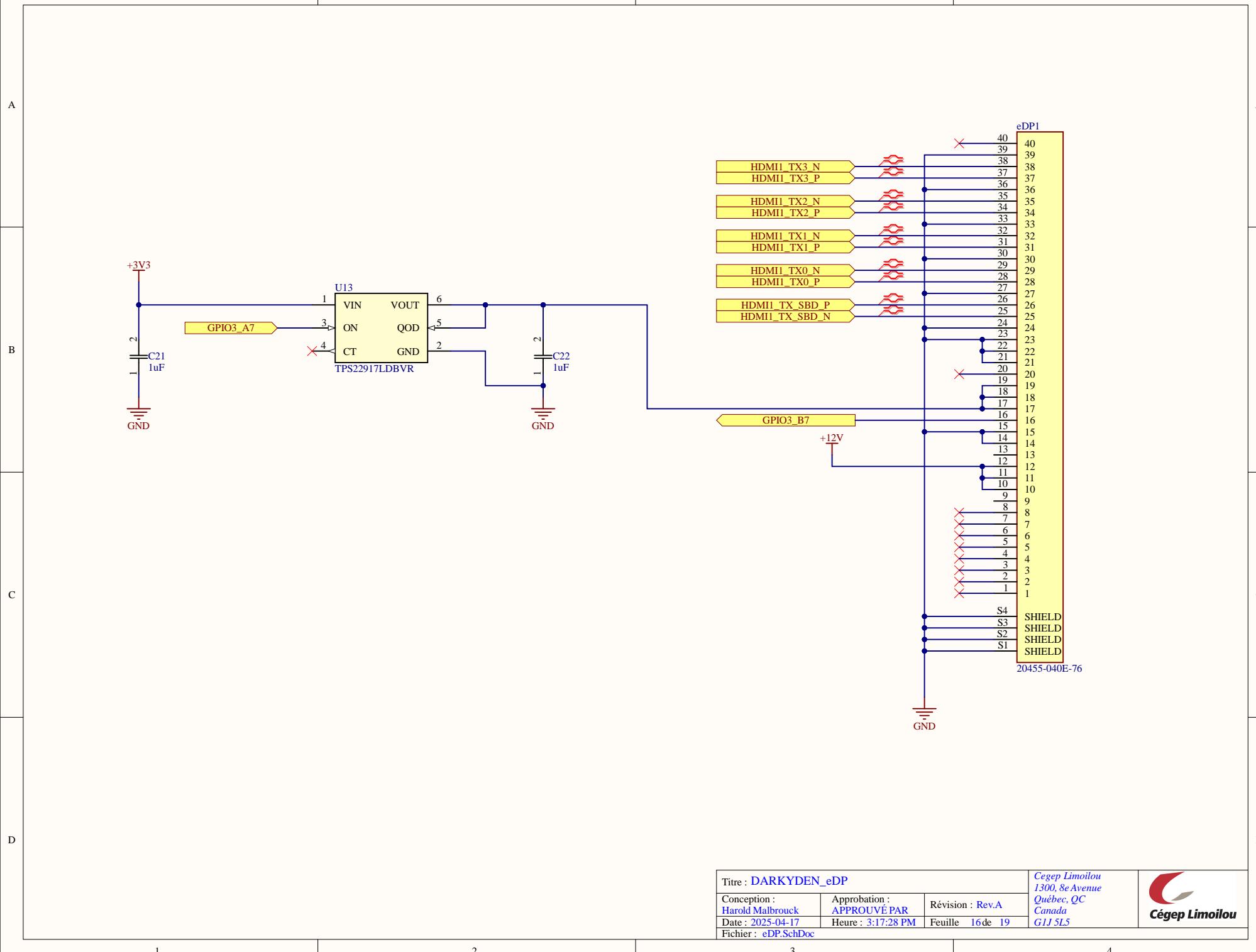


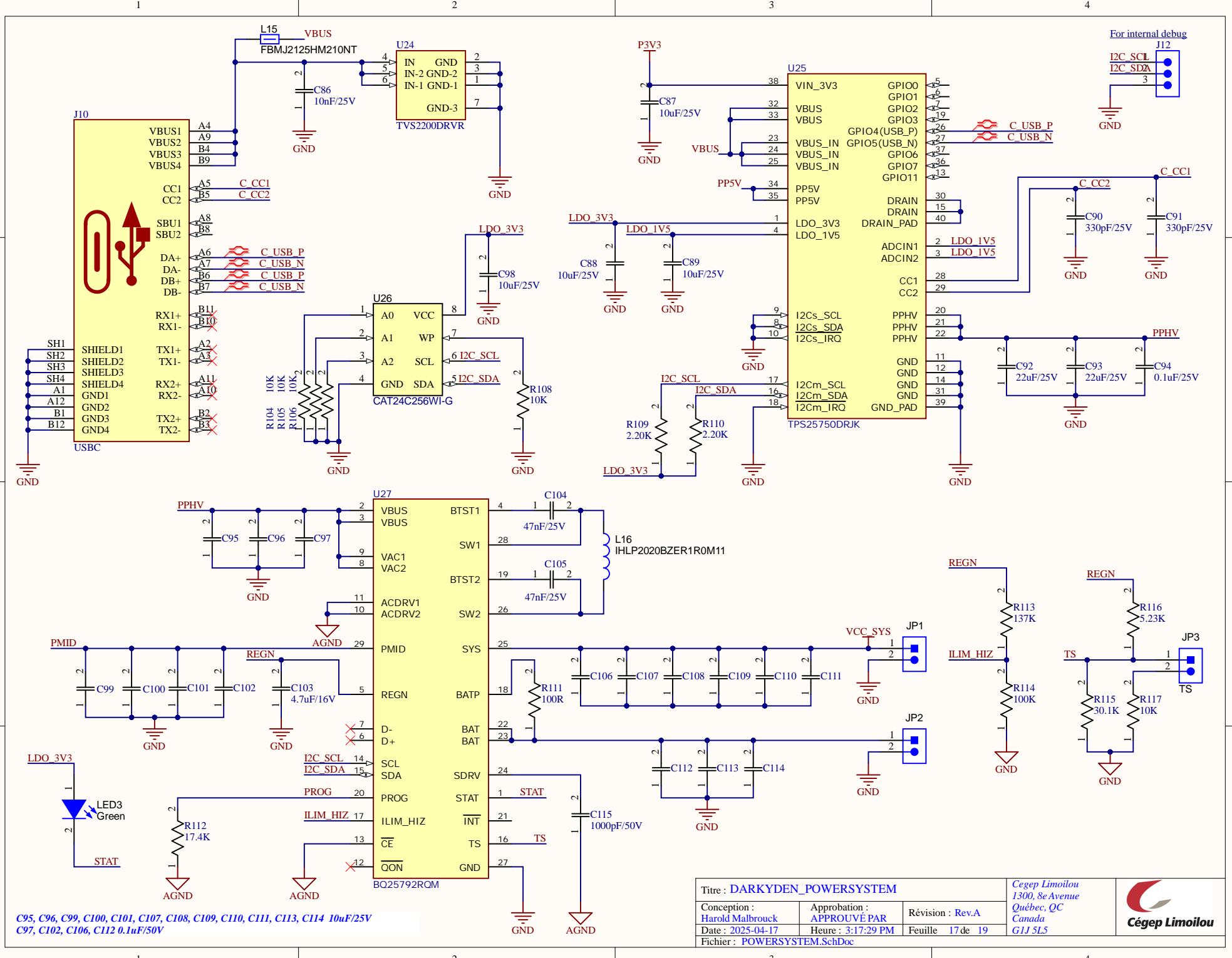
Titre : DARKYDEN_CONNECTEUR_3

Conception : Harold Malbrouck	Approbation : APPROUÉ PAR	Révision : Rev.C
Date : 2025-04-17	Heure : 3:17:28 PM	Feuille 14 de 19
Fichier : CONNECTEUR_3.SchDoc		









Titre : DARKYDEN_POWERSYSTEM

Conception : Harold Malbrouck

Approbation : APPROUÉ PAR

Révision : Rev.A

Icegep Limoilou

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Québec, QC

Canada

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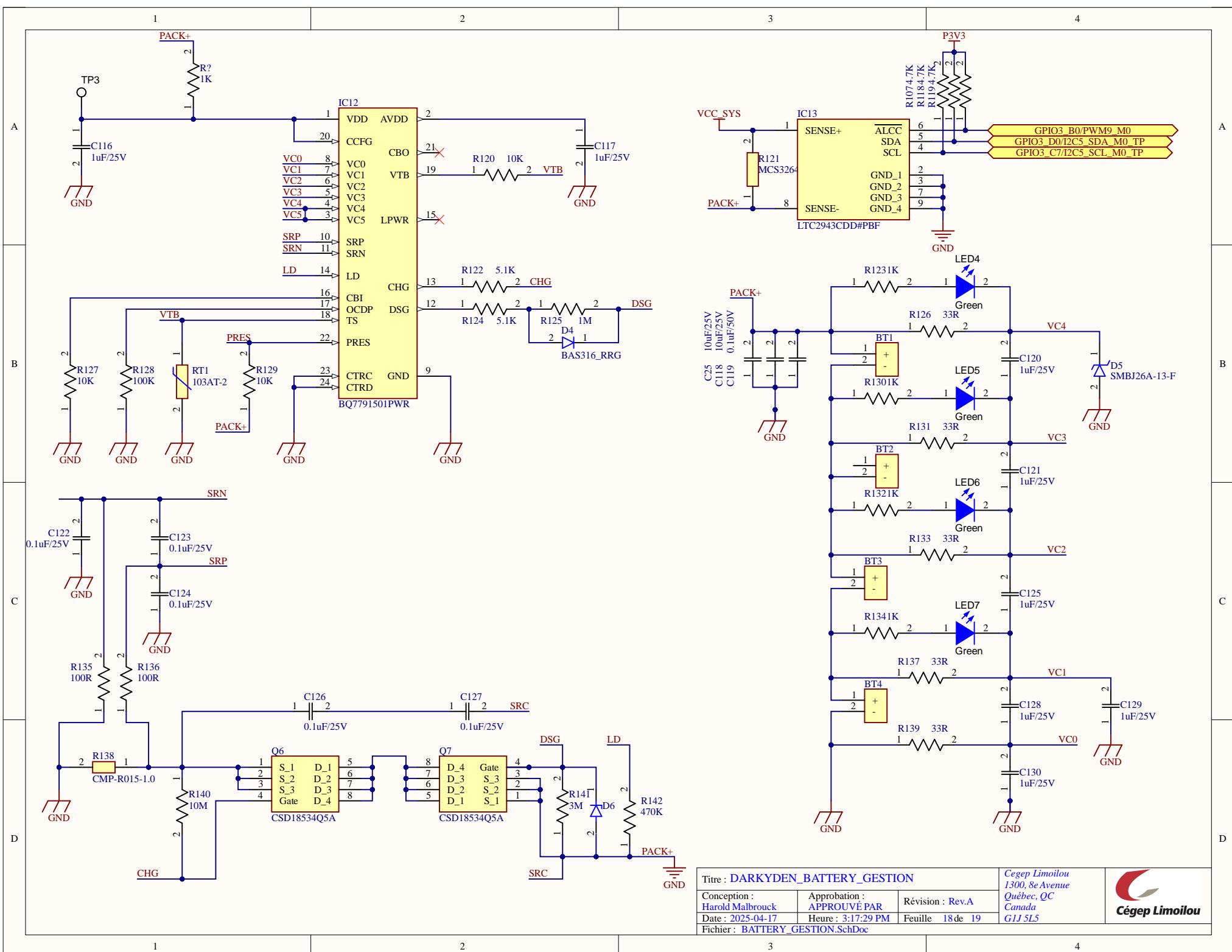
Cégep Limoilou

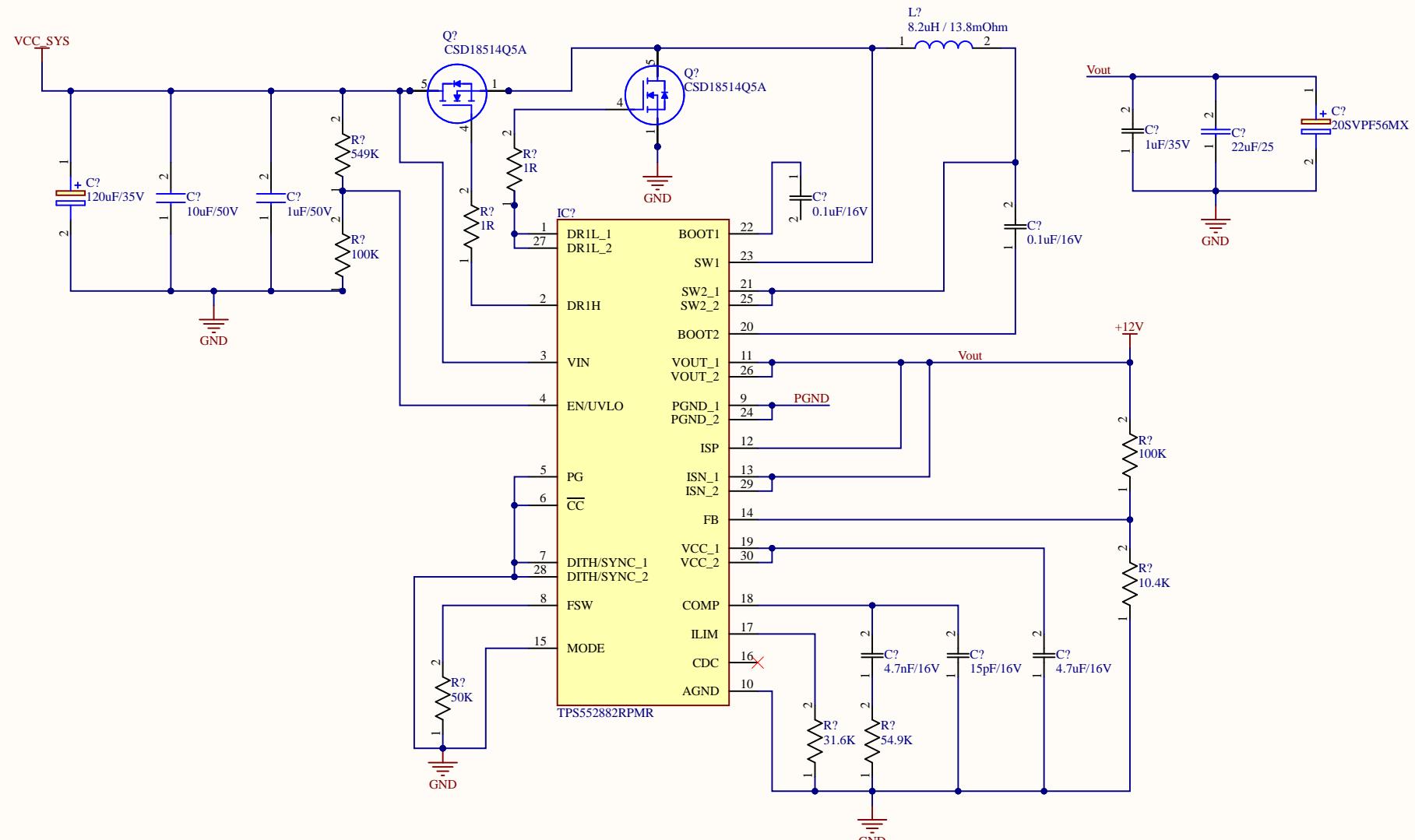
Date : 2025-04-17

Heure : 3:17:29 PM

Feuille 17 de 19

Fichier : POWERSYSTEM.SchDoc





Titre : DARKYDEN_POWER_FROM_BATTERY

Conception :

Harold Malbrouck

Approbation :

APPROUVE PAR

Révision :

Rev.A

Date : 2025-04-17

Heure : 3:17:29 PM

Feuille 19 de 19

Fichier : POWER_FROM_BATTERY.SchDoc

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