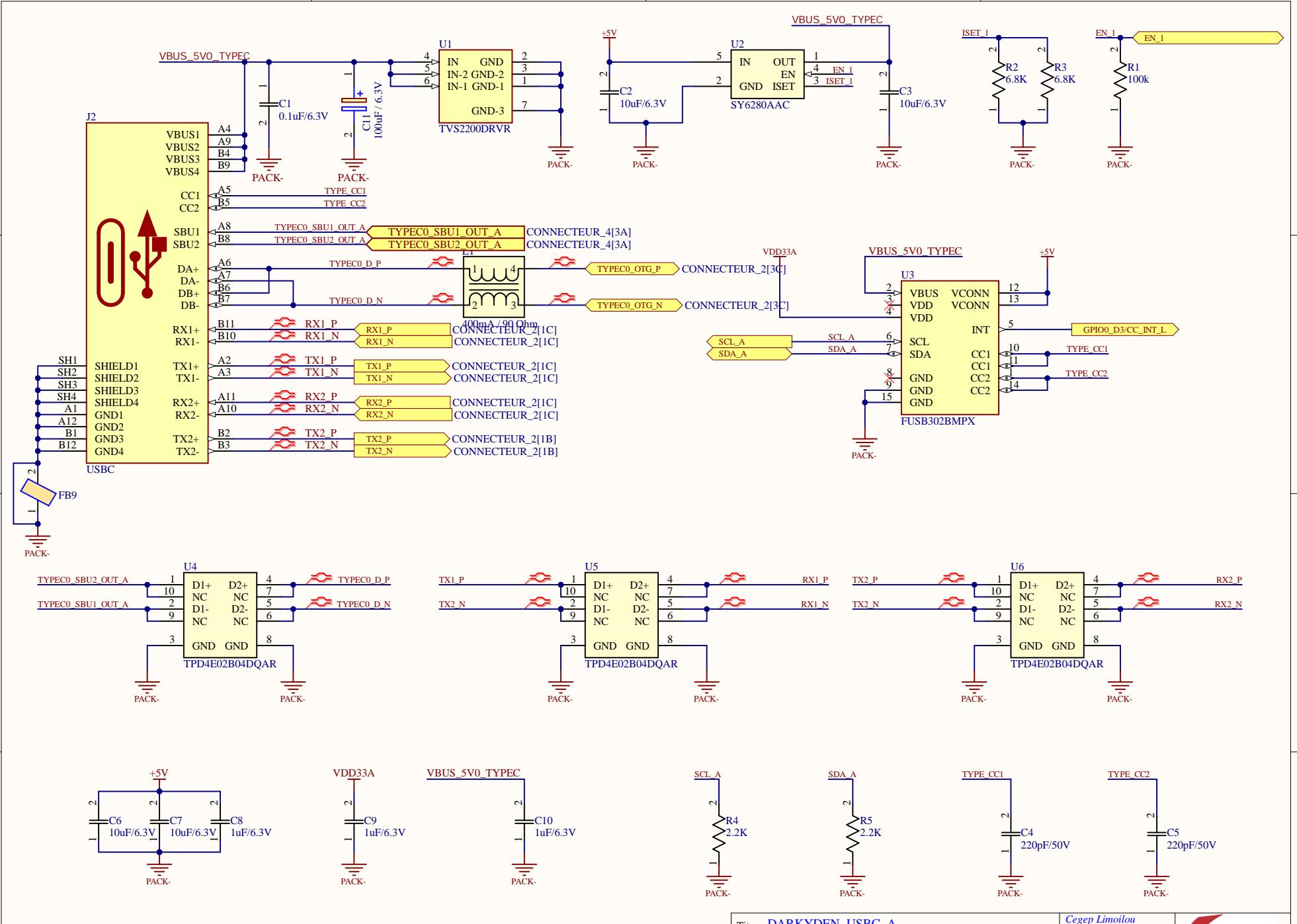


1 2 3 4



Titre : DARKYDEN_USBC_A

Conception : Harold Malbrouck

Date : 2025-04-23

Fichier : USBC_A.SchDoc

Approbation : APPROUÉ PAR

Heure : 7:27:20 AM

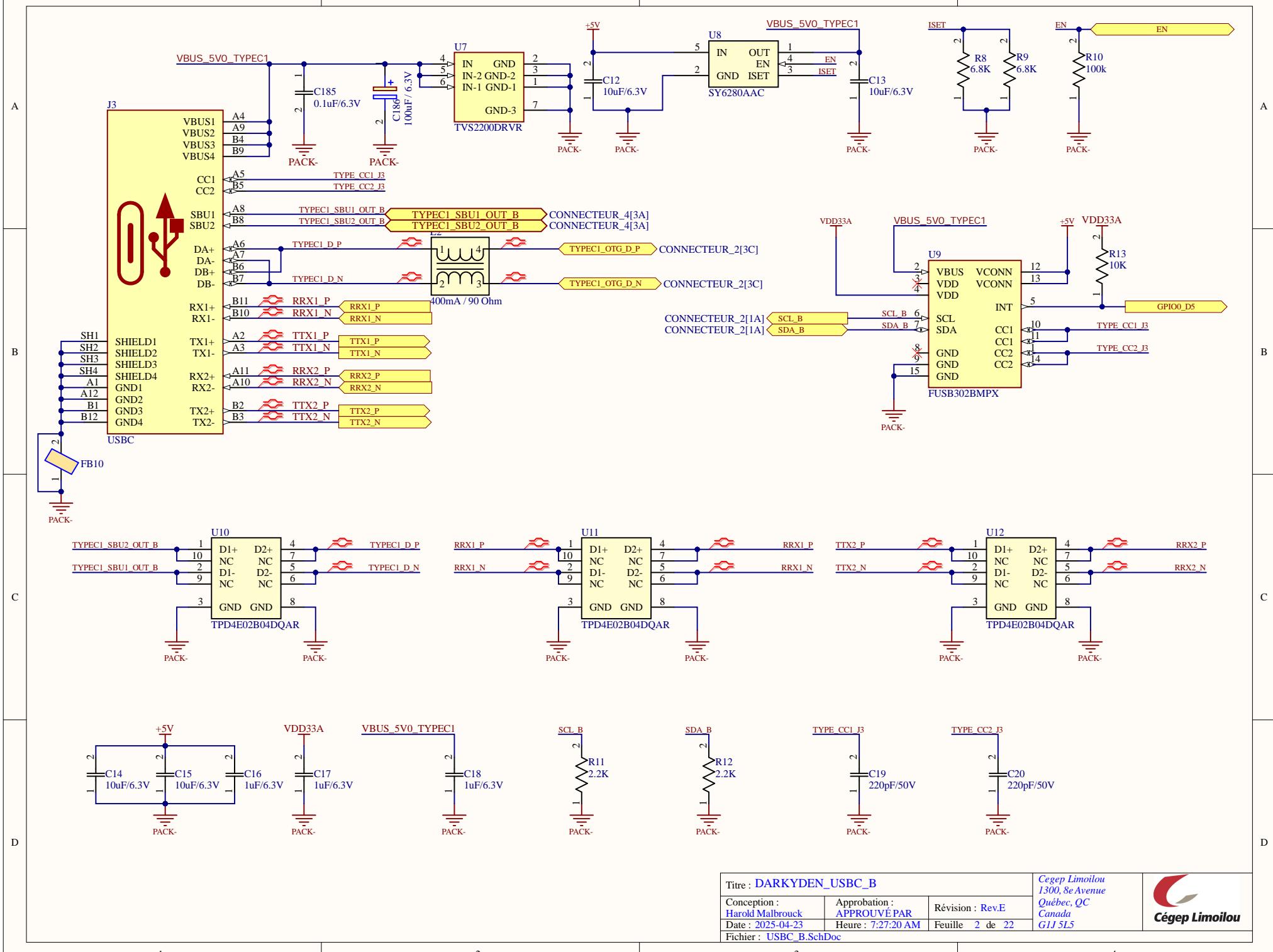
Feuille 1 de 22

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

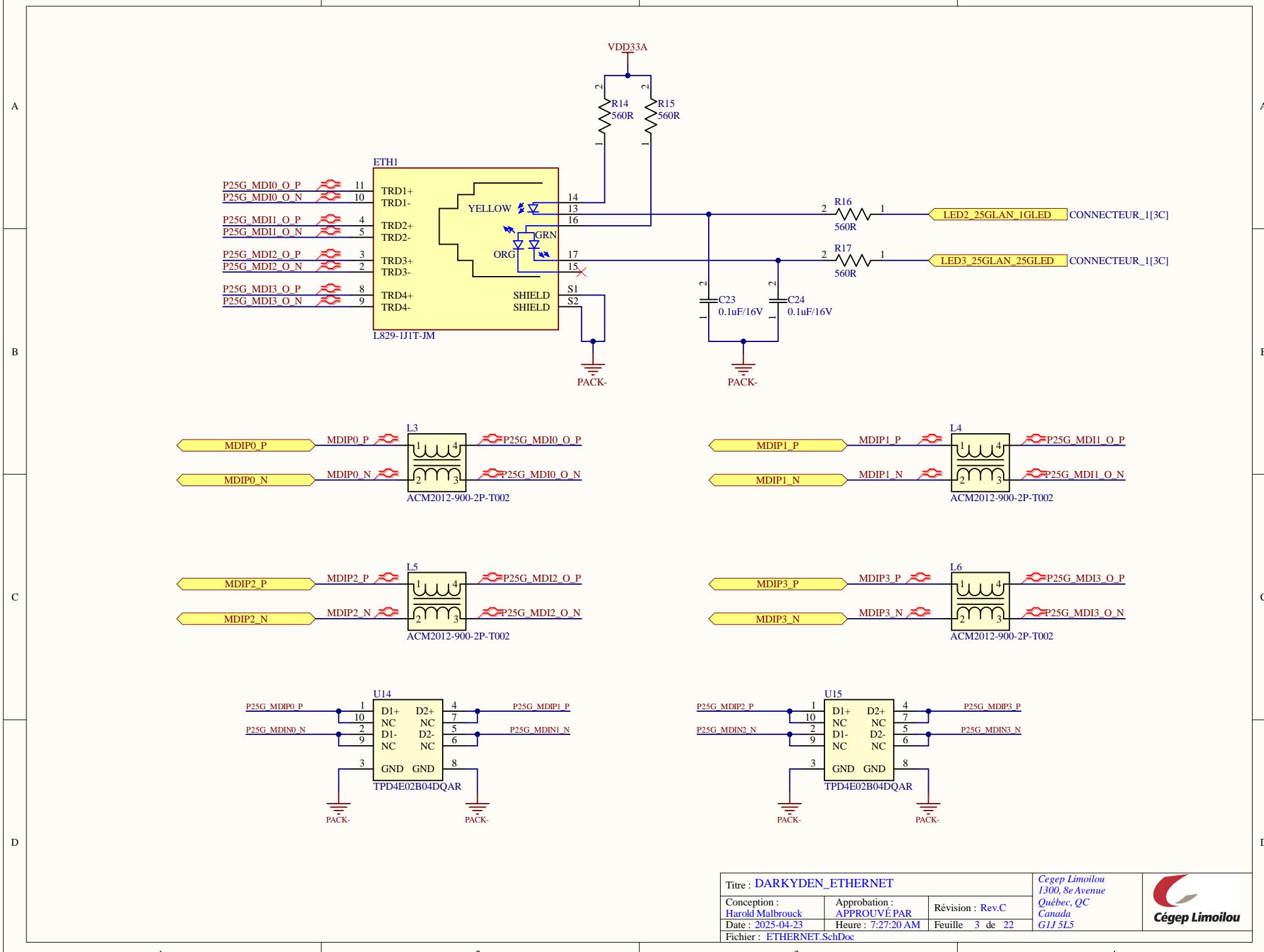


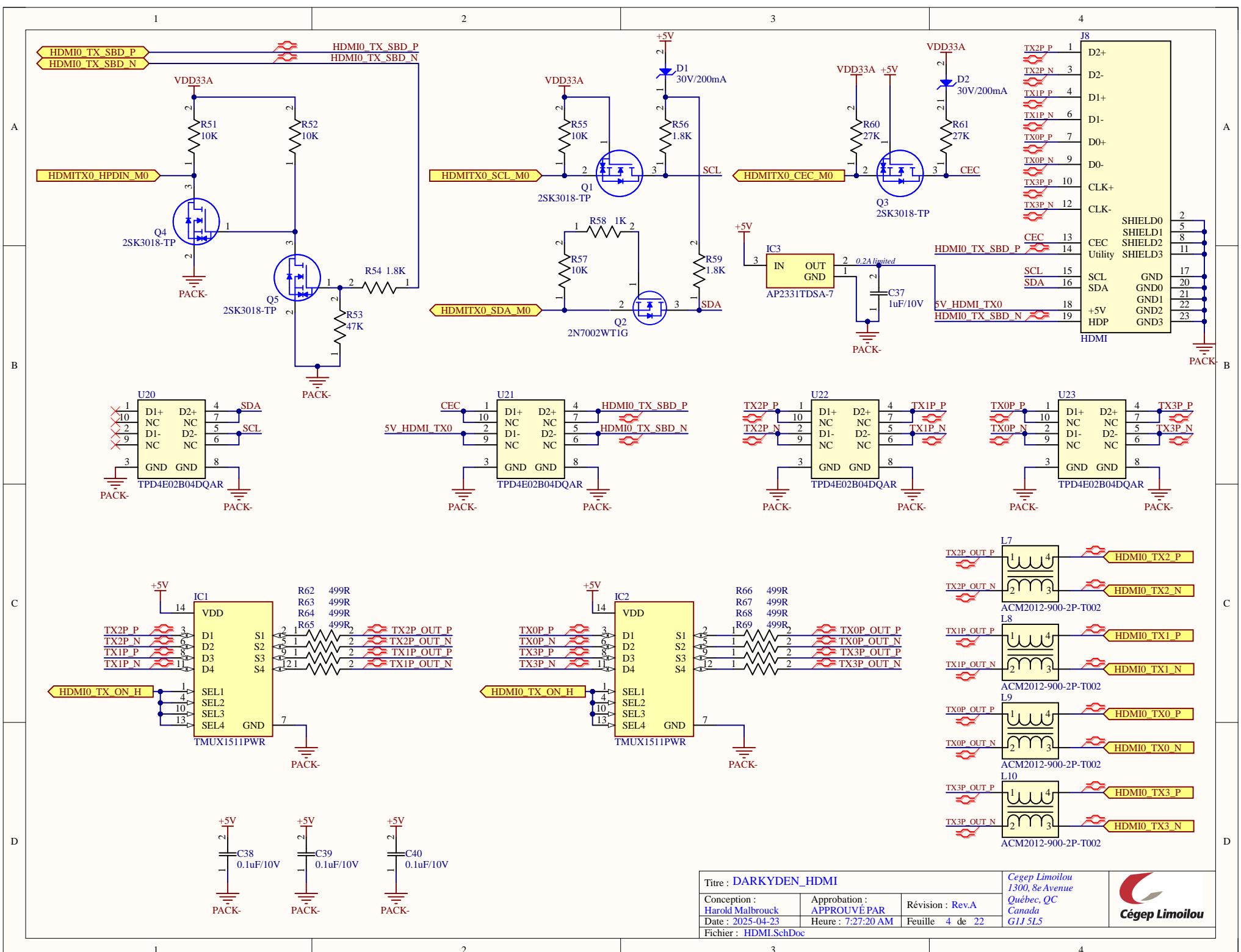
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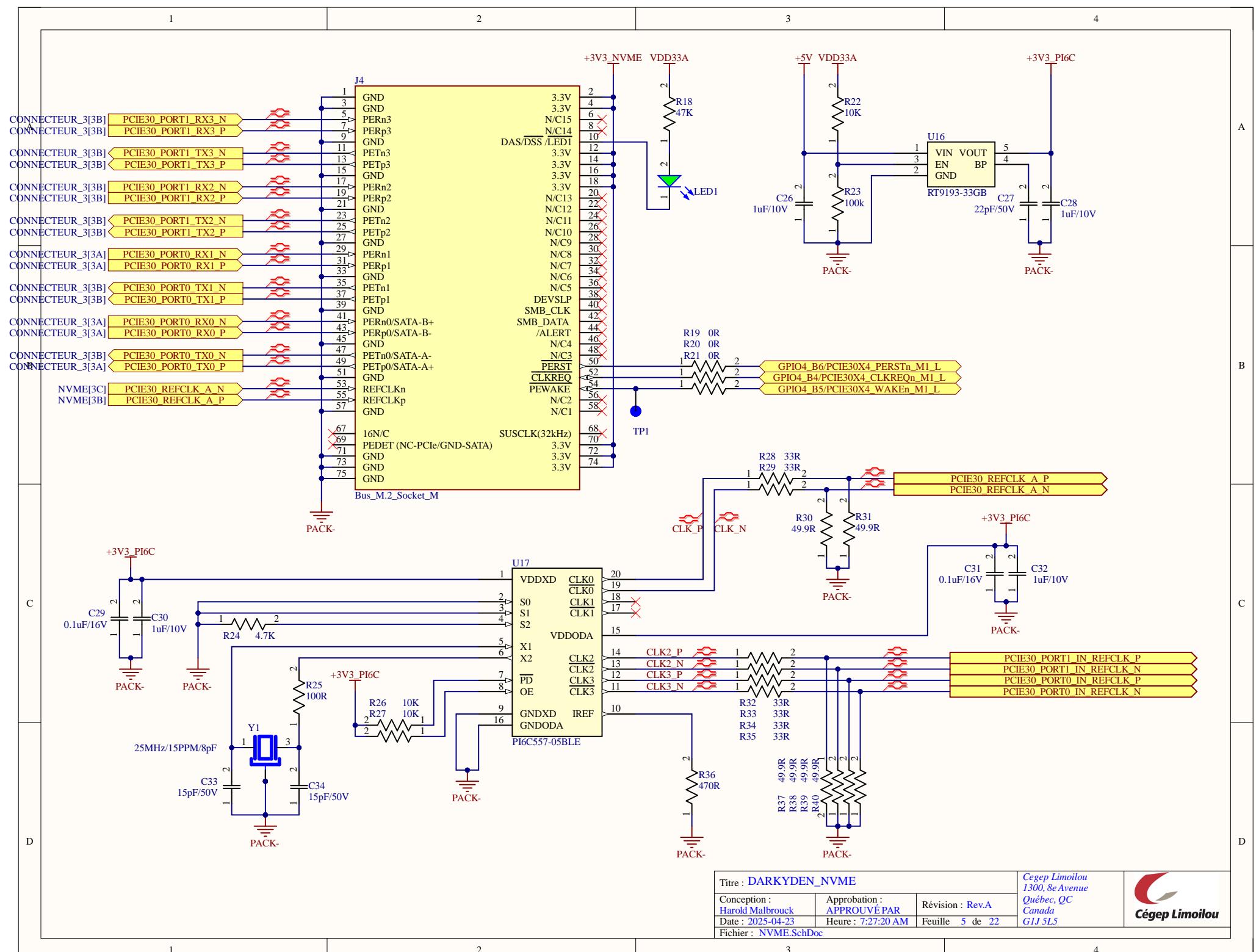
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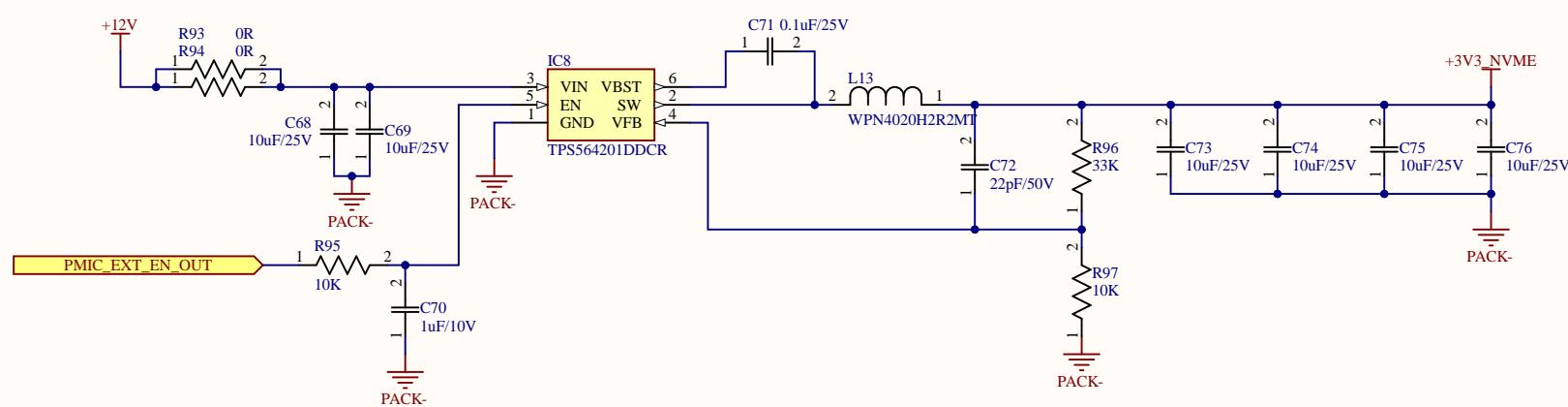
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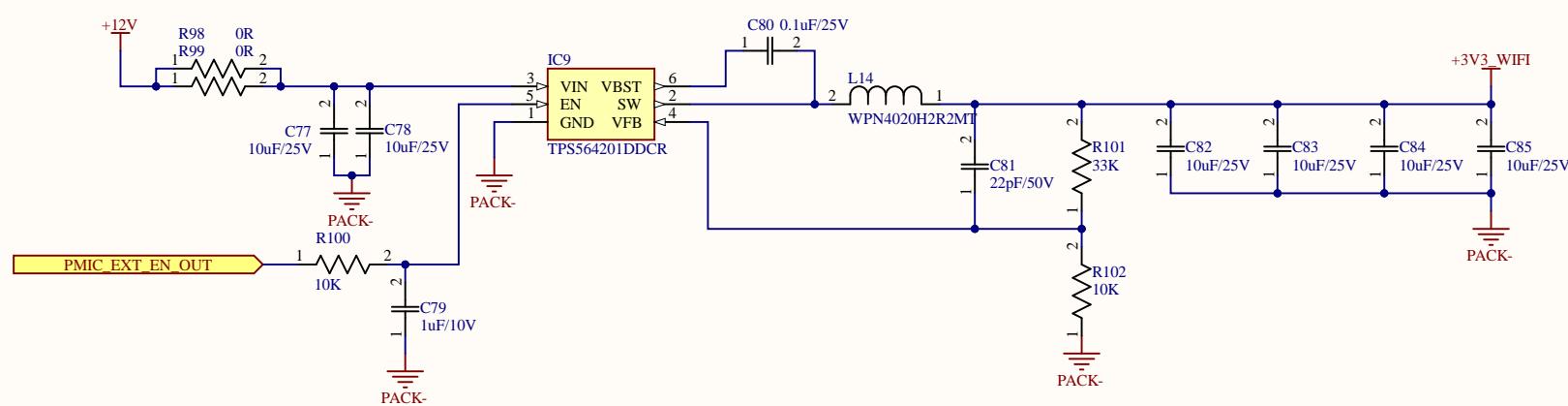


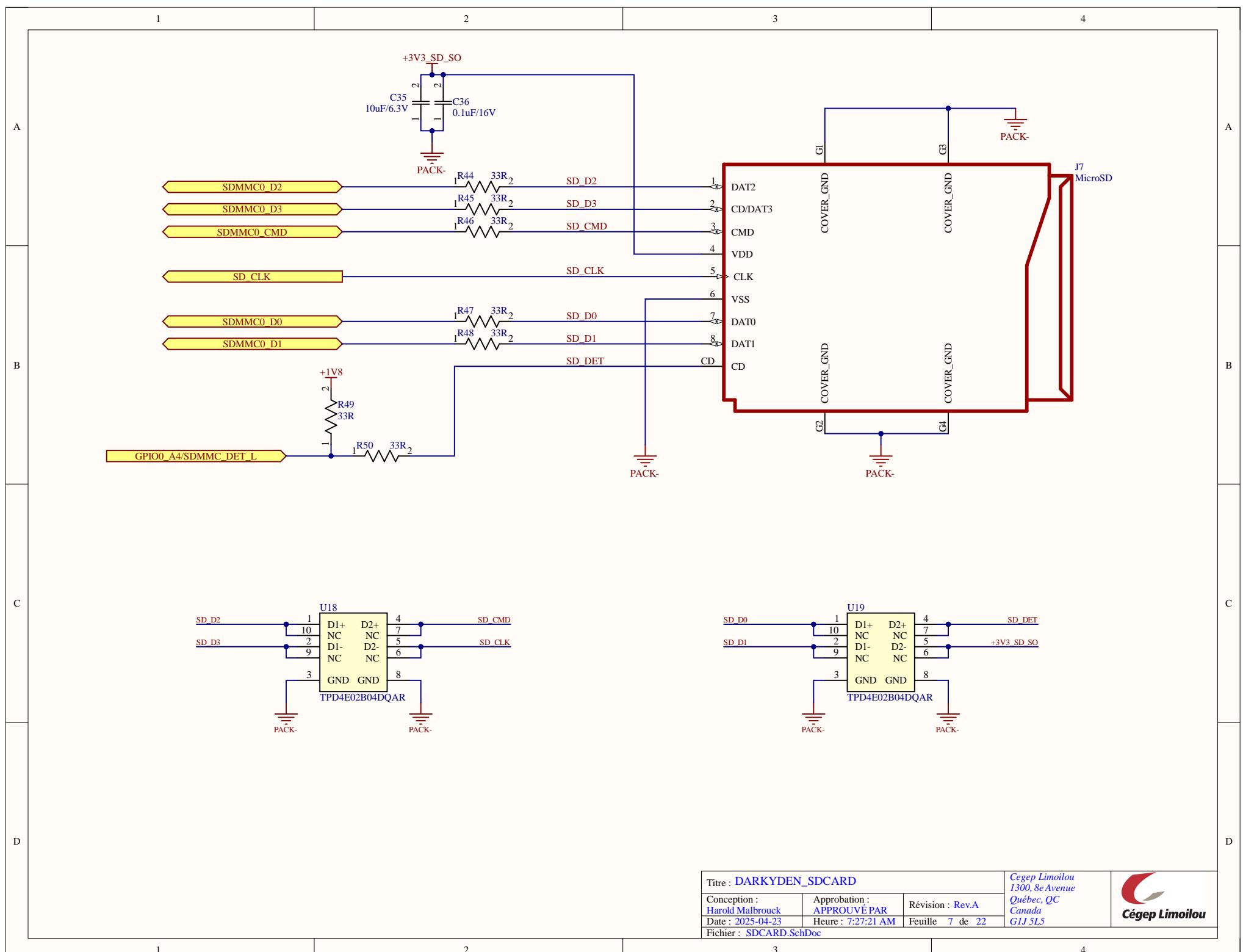


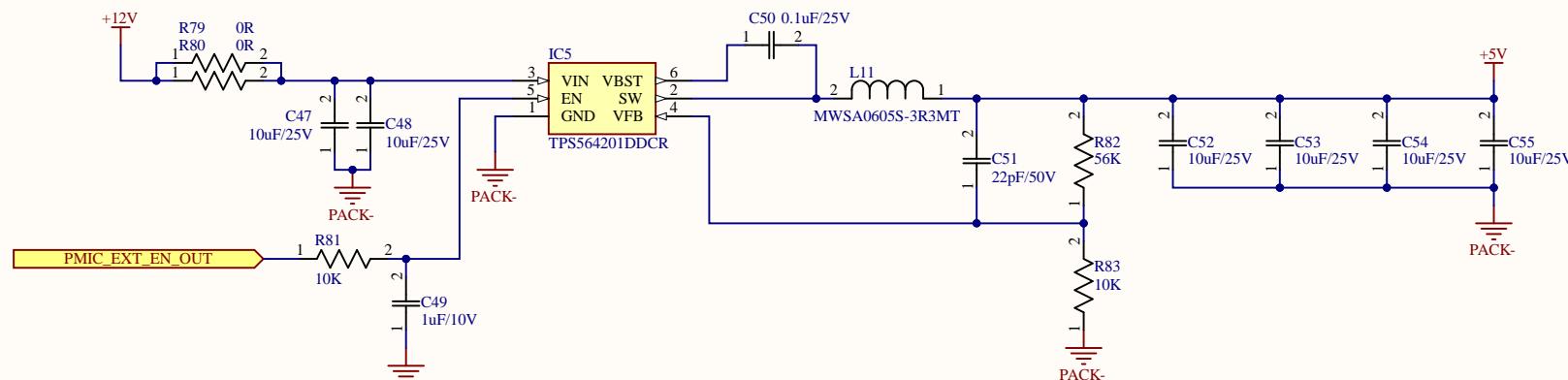
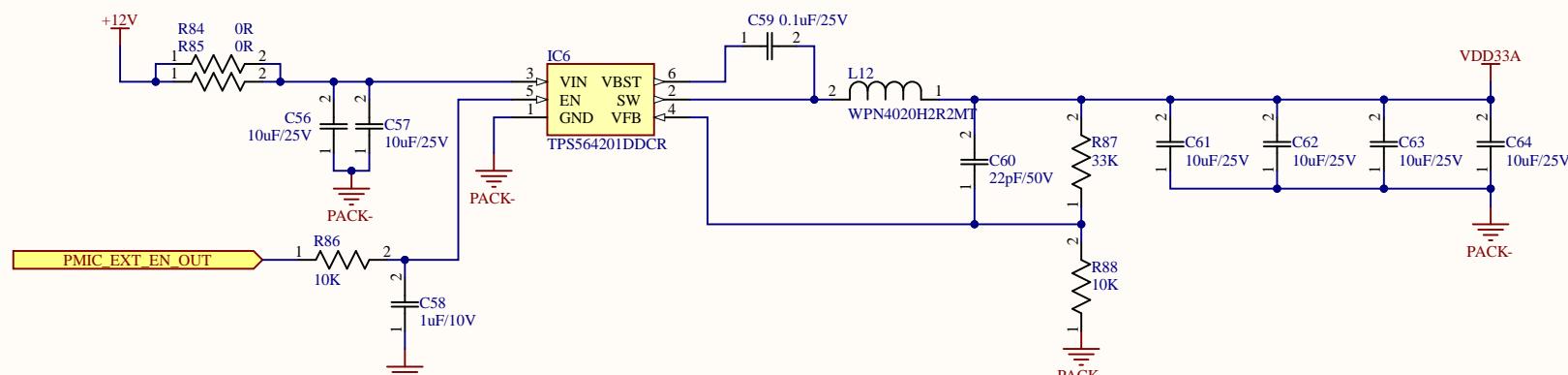
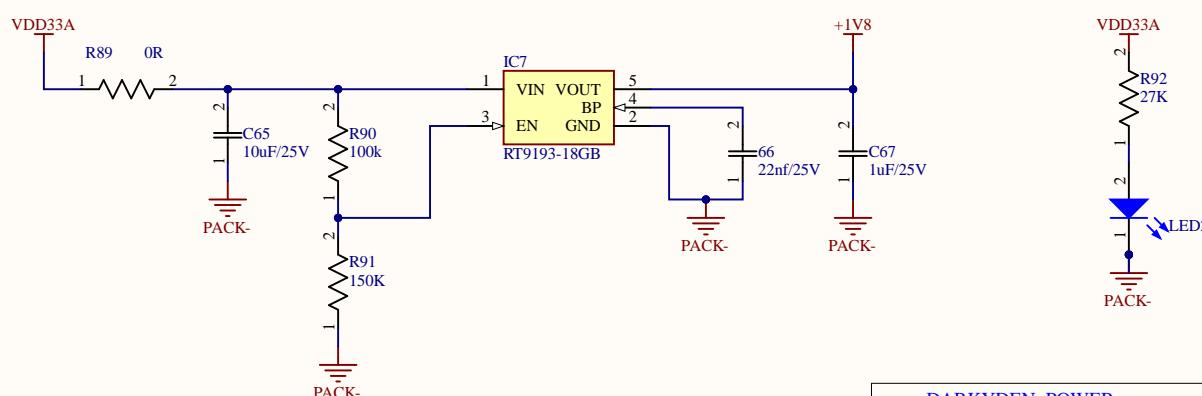
+12V to +3V3 for NVME



+12V to +3V3 WIFI





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

Titre : DARKYDEN_POWER

Conception :

Harold Malbrouck

Approbation :

APPROUÉ PAR

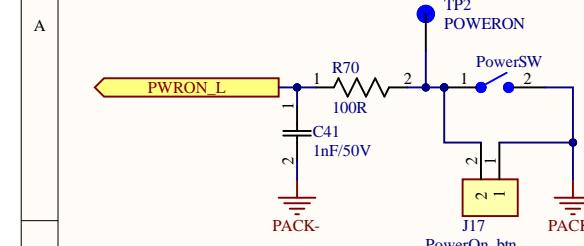
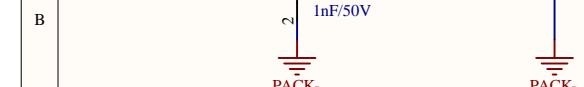
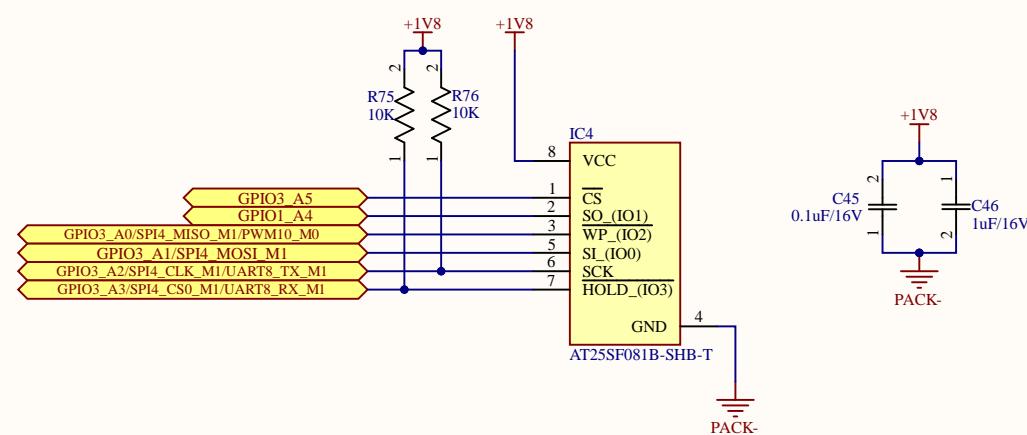
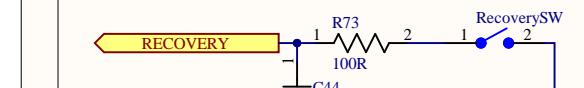
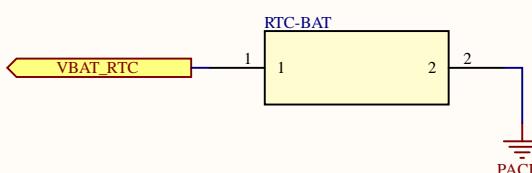
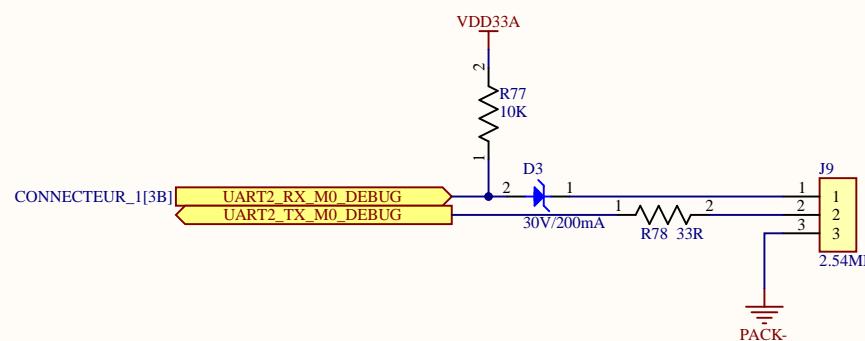
Révision :

Rev.A

Cegep Limoilou

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

Fichier : Power.SchDoc

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

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

Titre : DARKYDEN_SYSTEMCTL

Conception : Harold Malbrouck

Approbation :

APPROUVE PAR

Révision :

Rev.A

Date : 2025-04-23

Heure :

7:27:21 AM

Feuille :

9 de 22

Ca

nada

G

cegep limoilou

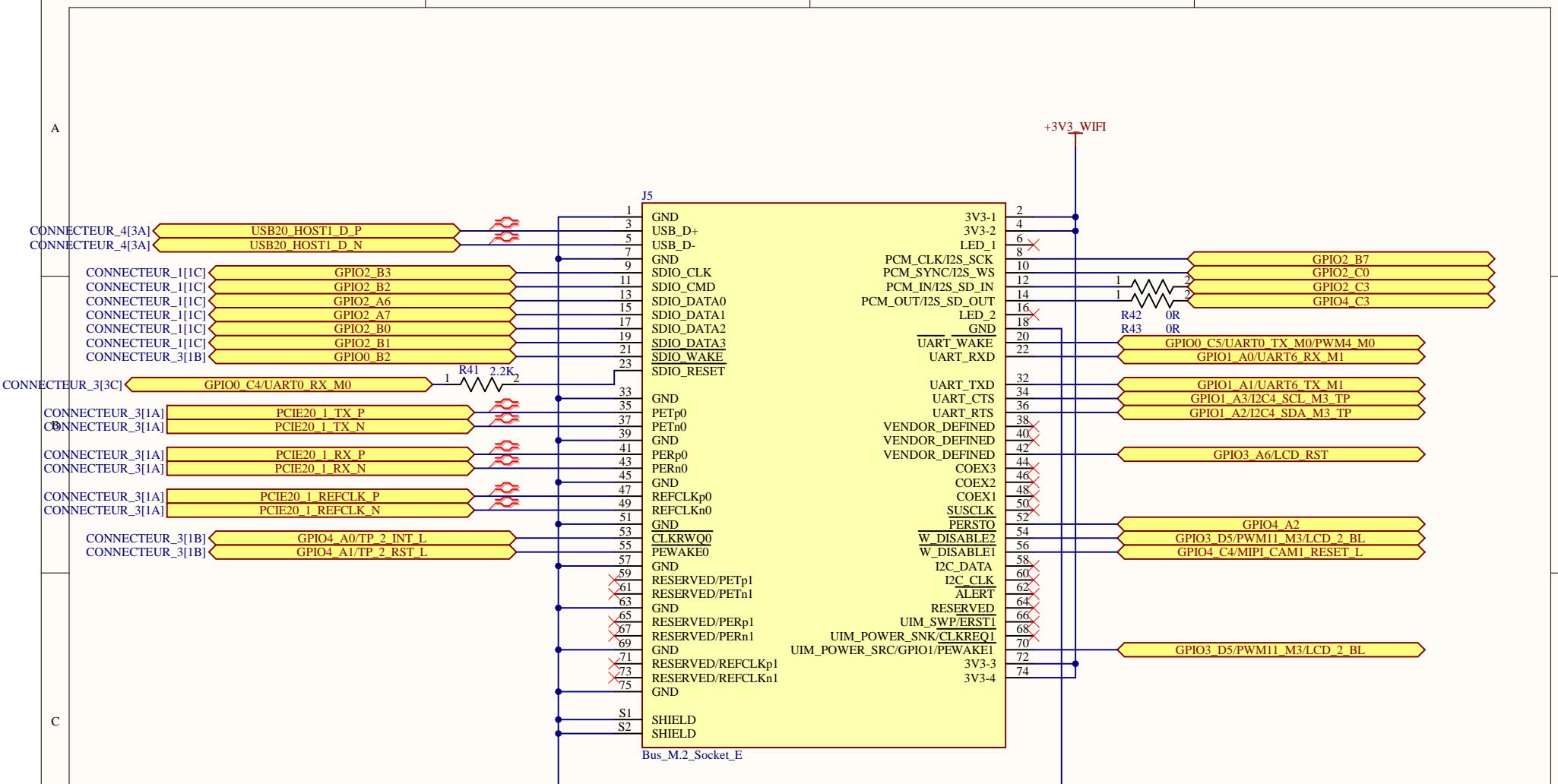
1300, 8e Avenue

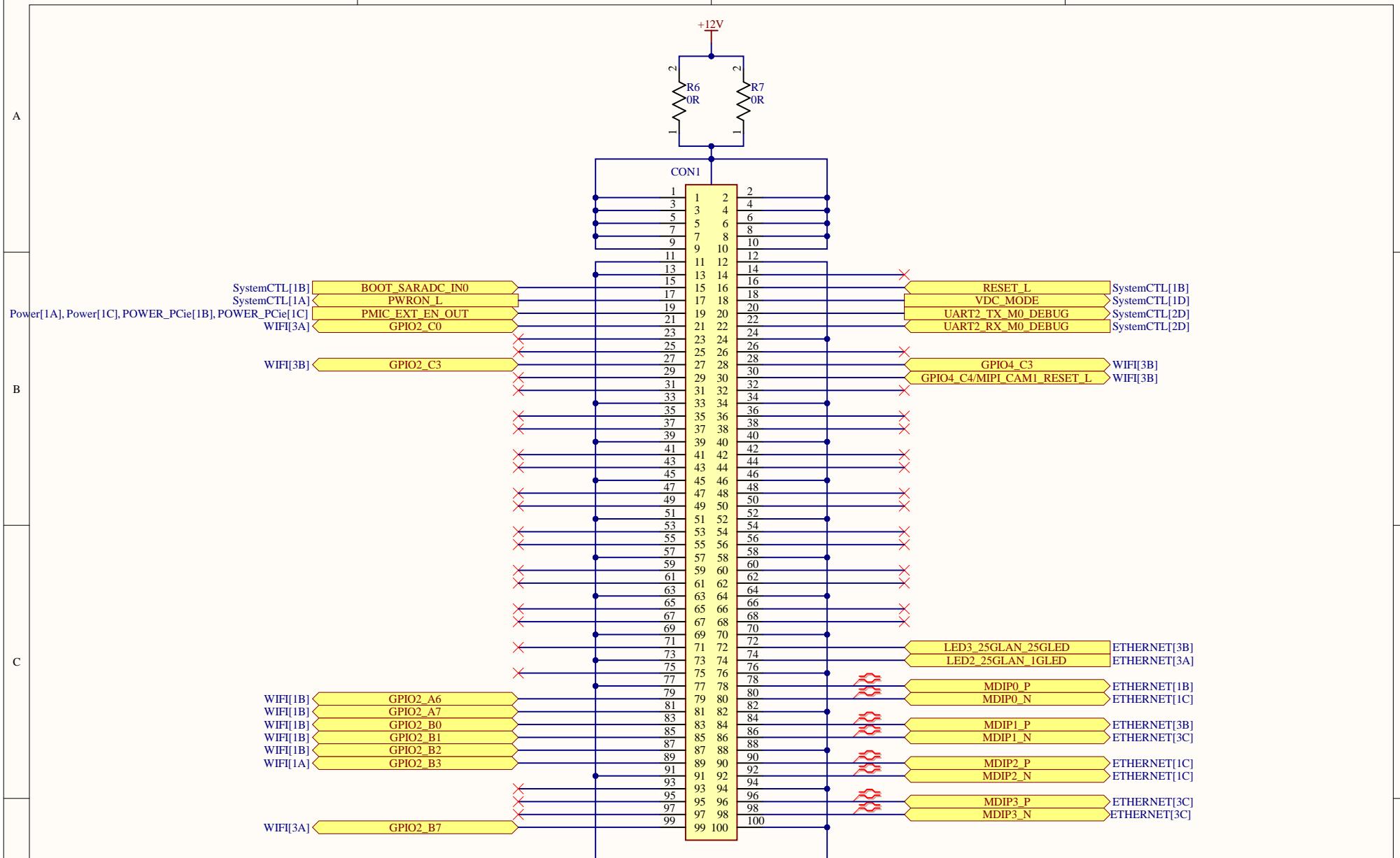
Québec, QC

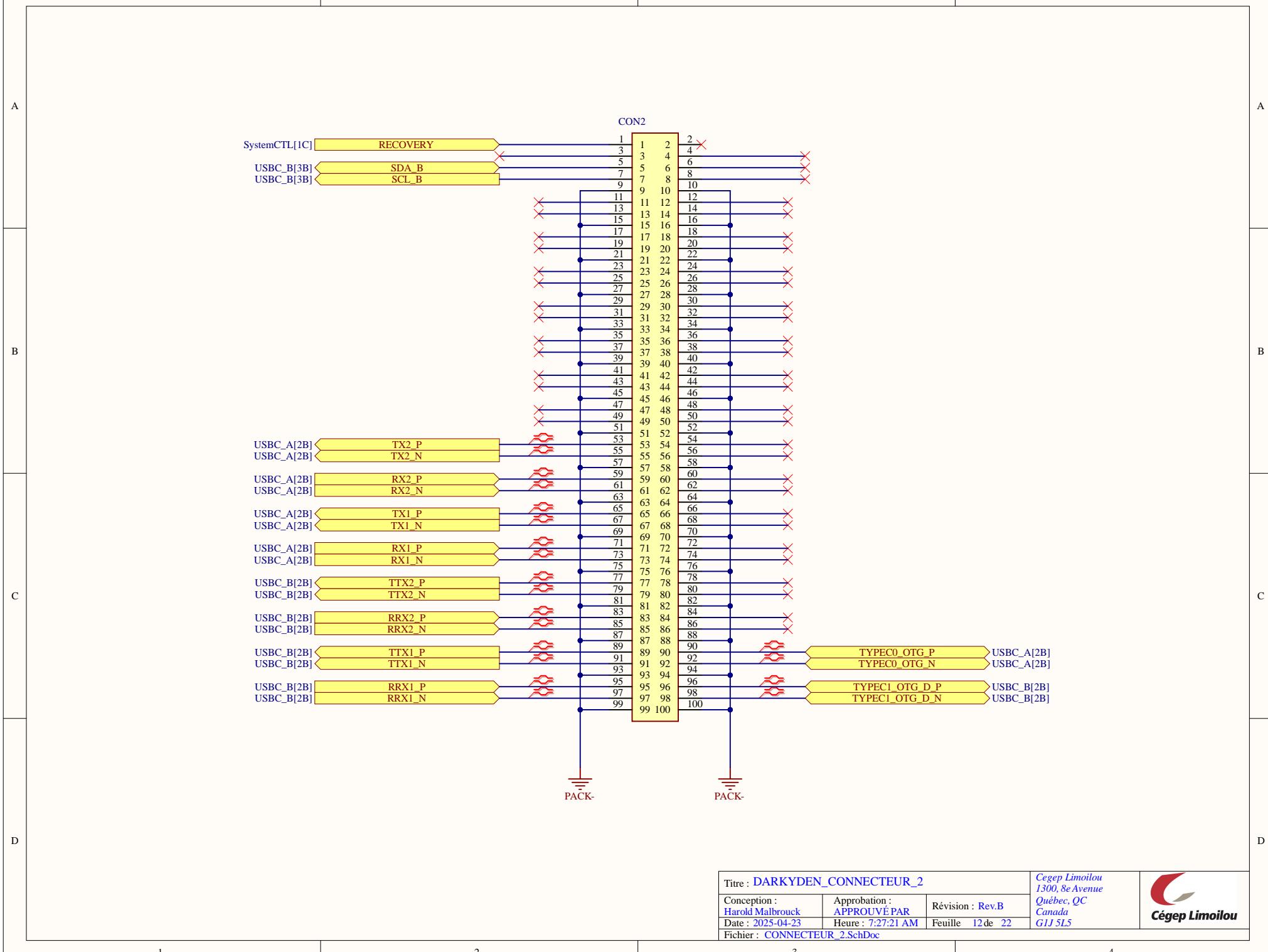
Canada

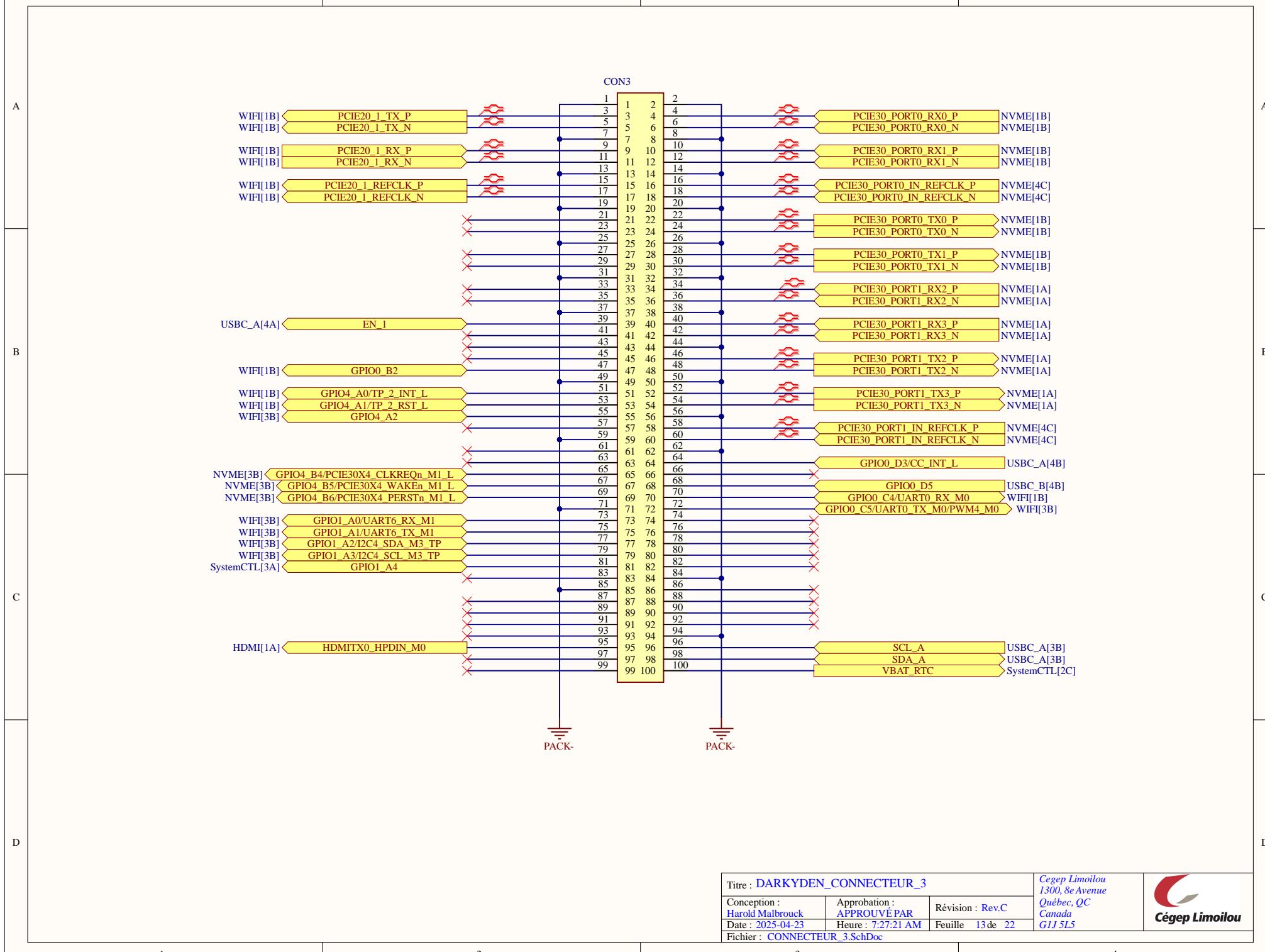
G1J 5L5



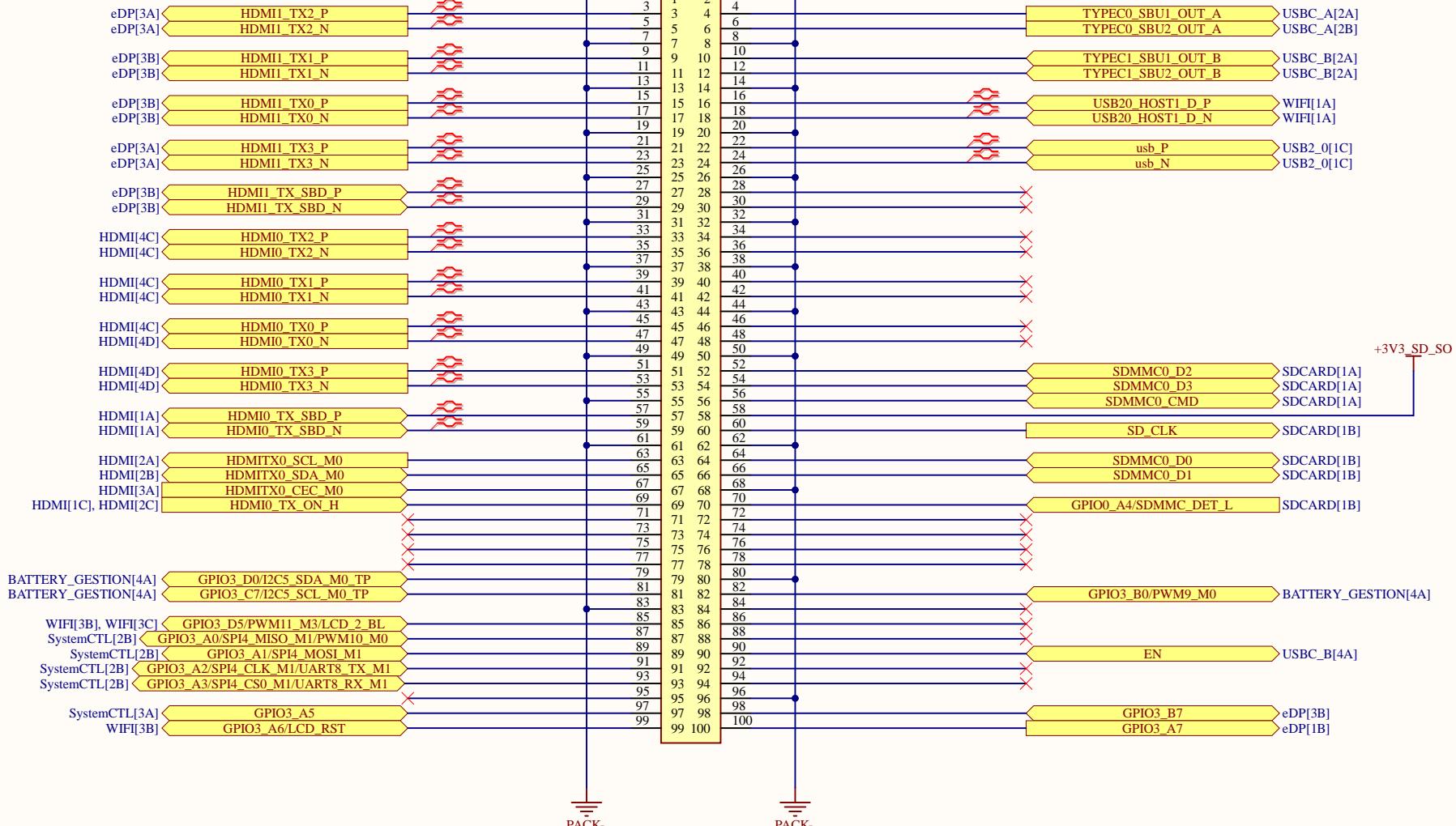


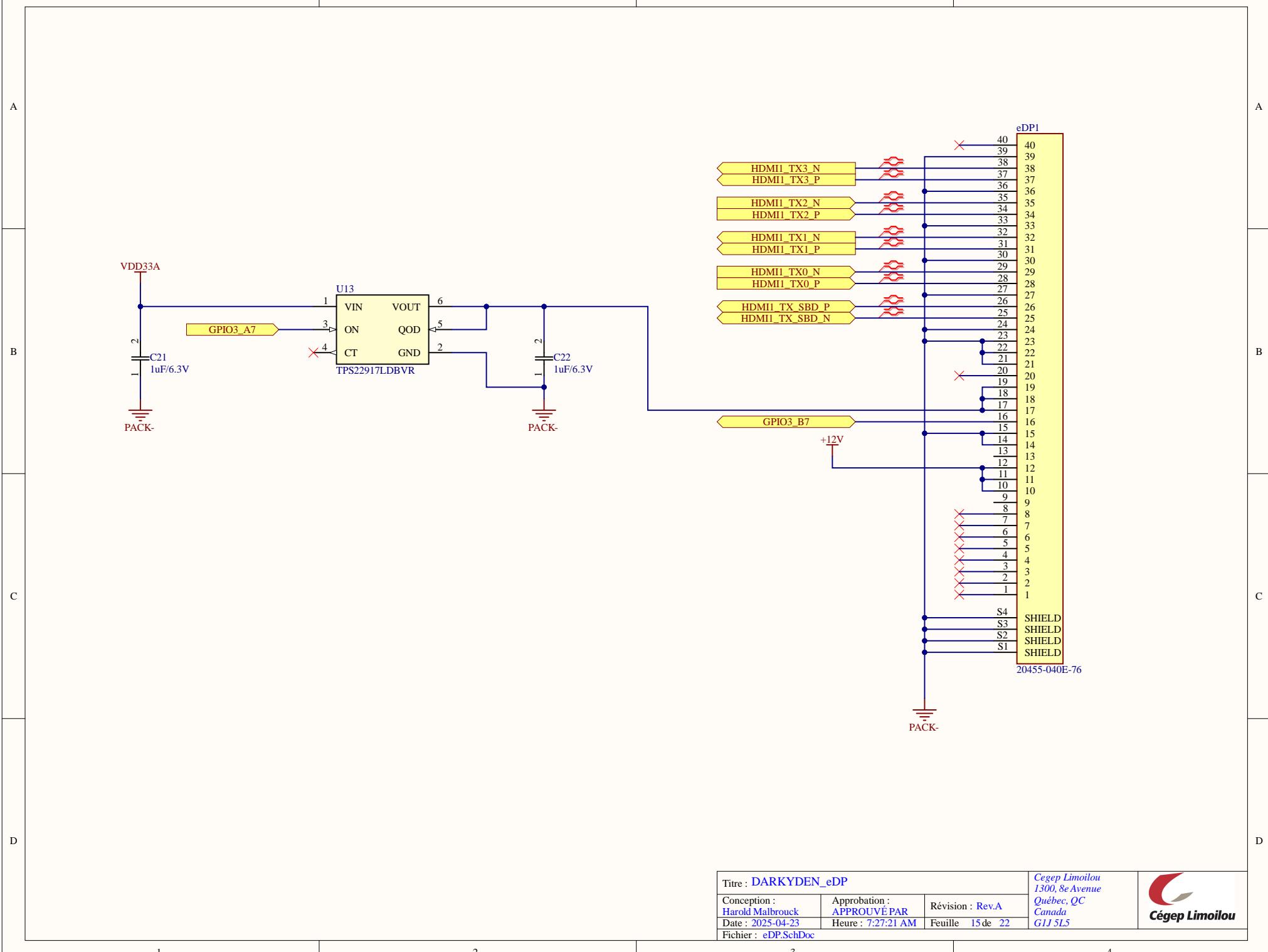


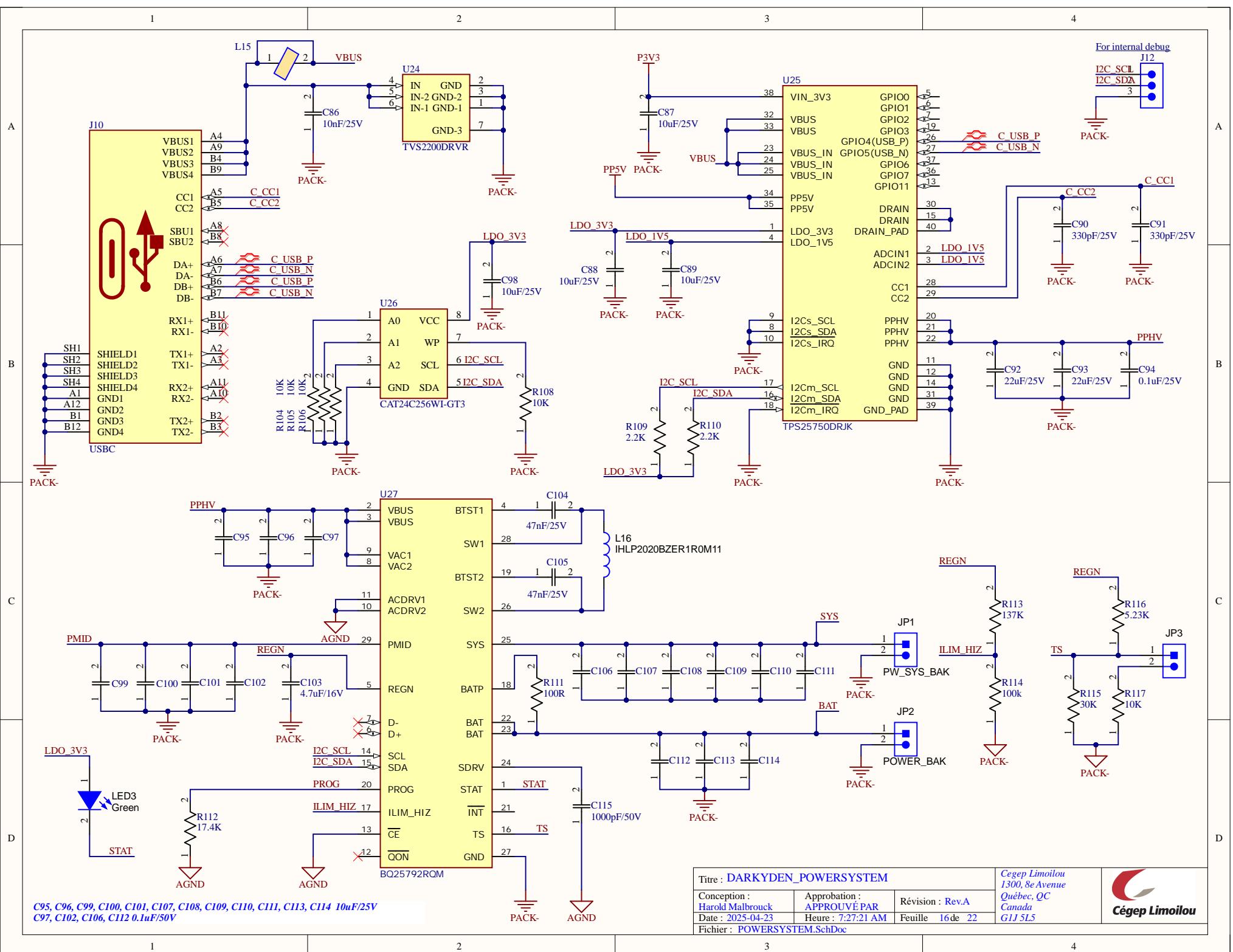


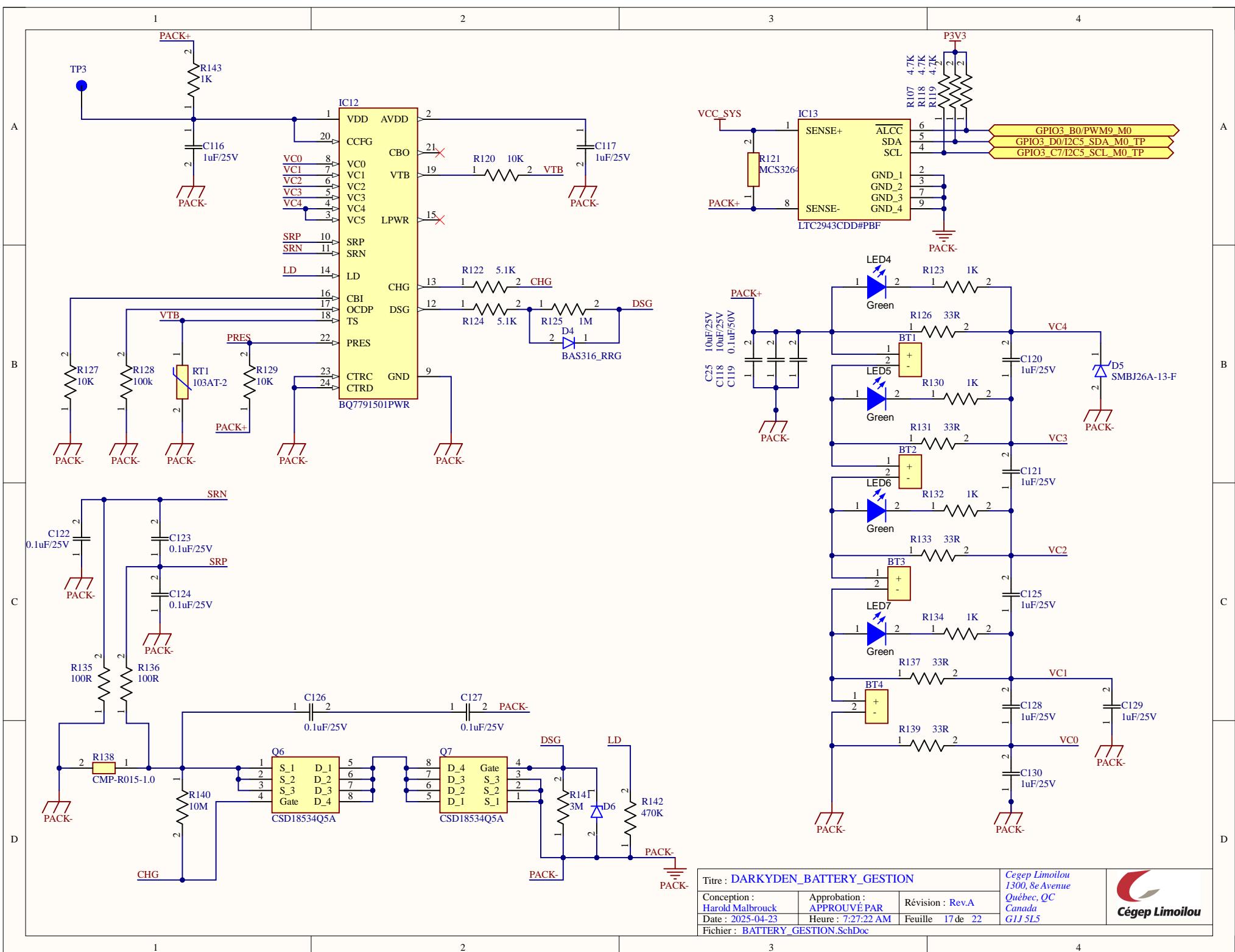


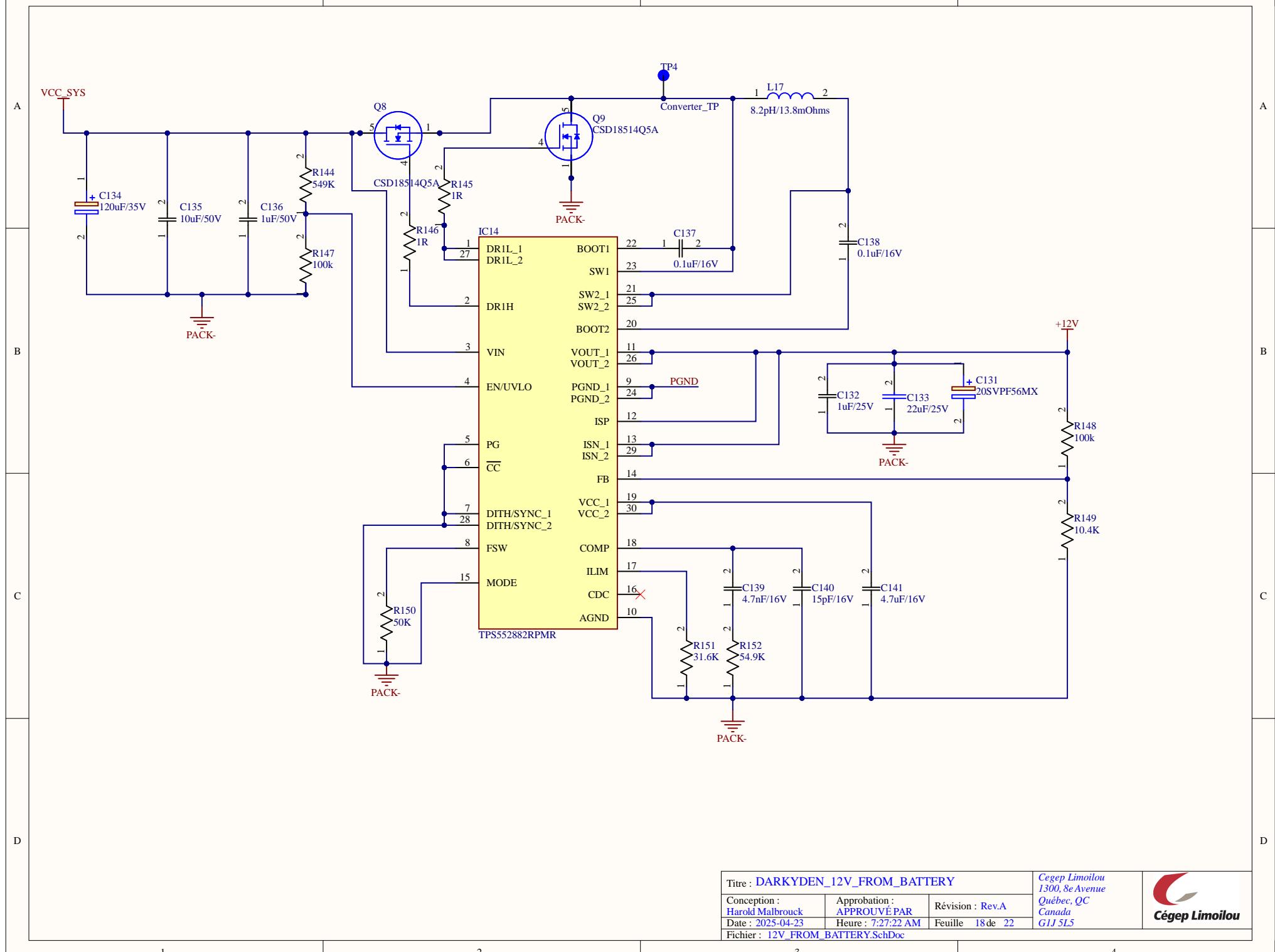
CON4











Titre : DARKYDEN_12V_FROM_BATTERY

Conception :

Harold Malbrouck

Approbation :

APPROUÉ PAR

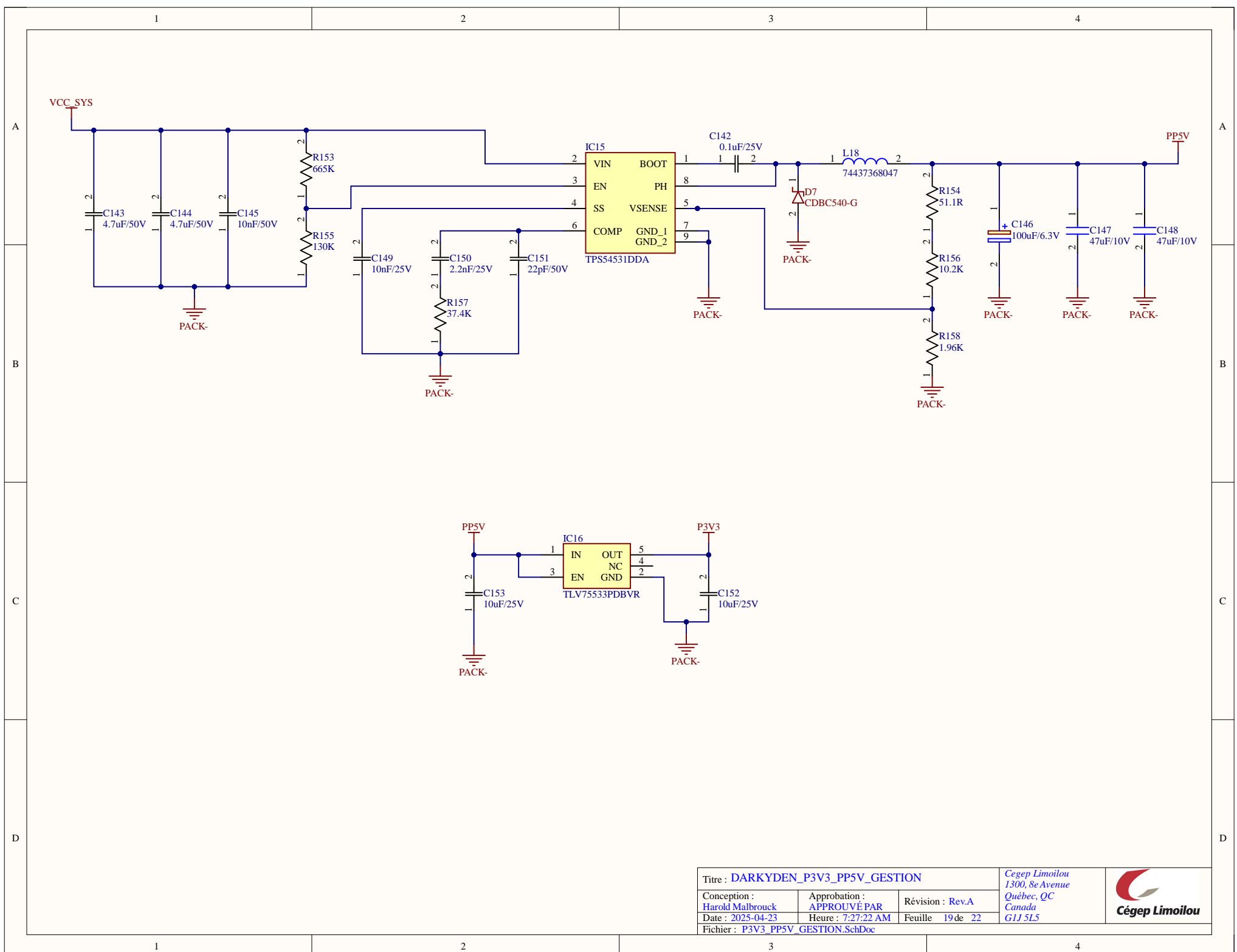
Révision :

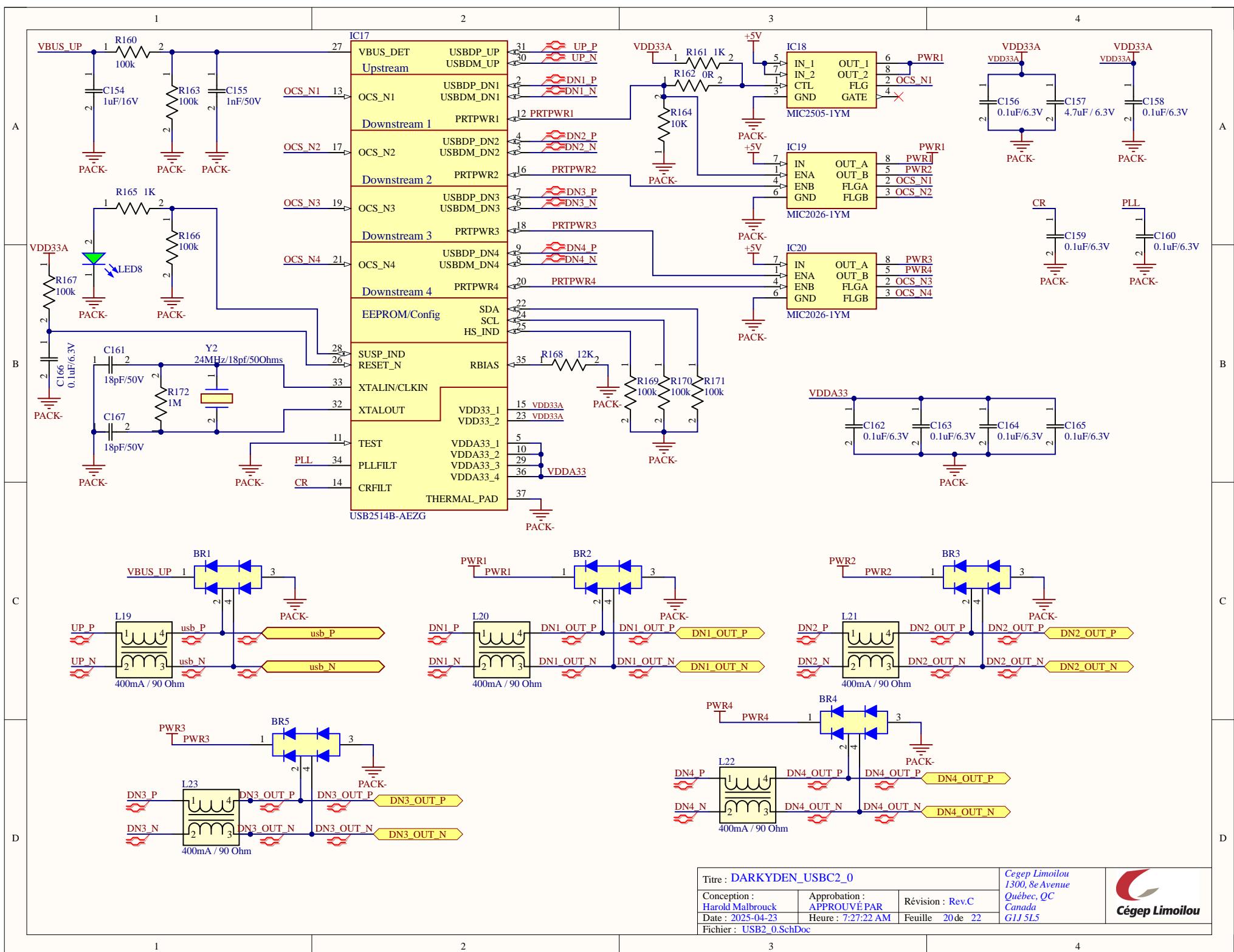
Rev.A

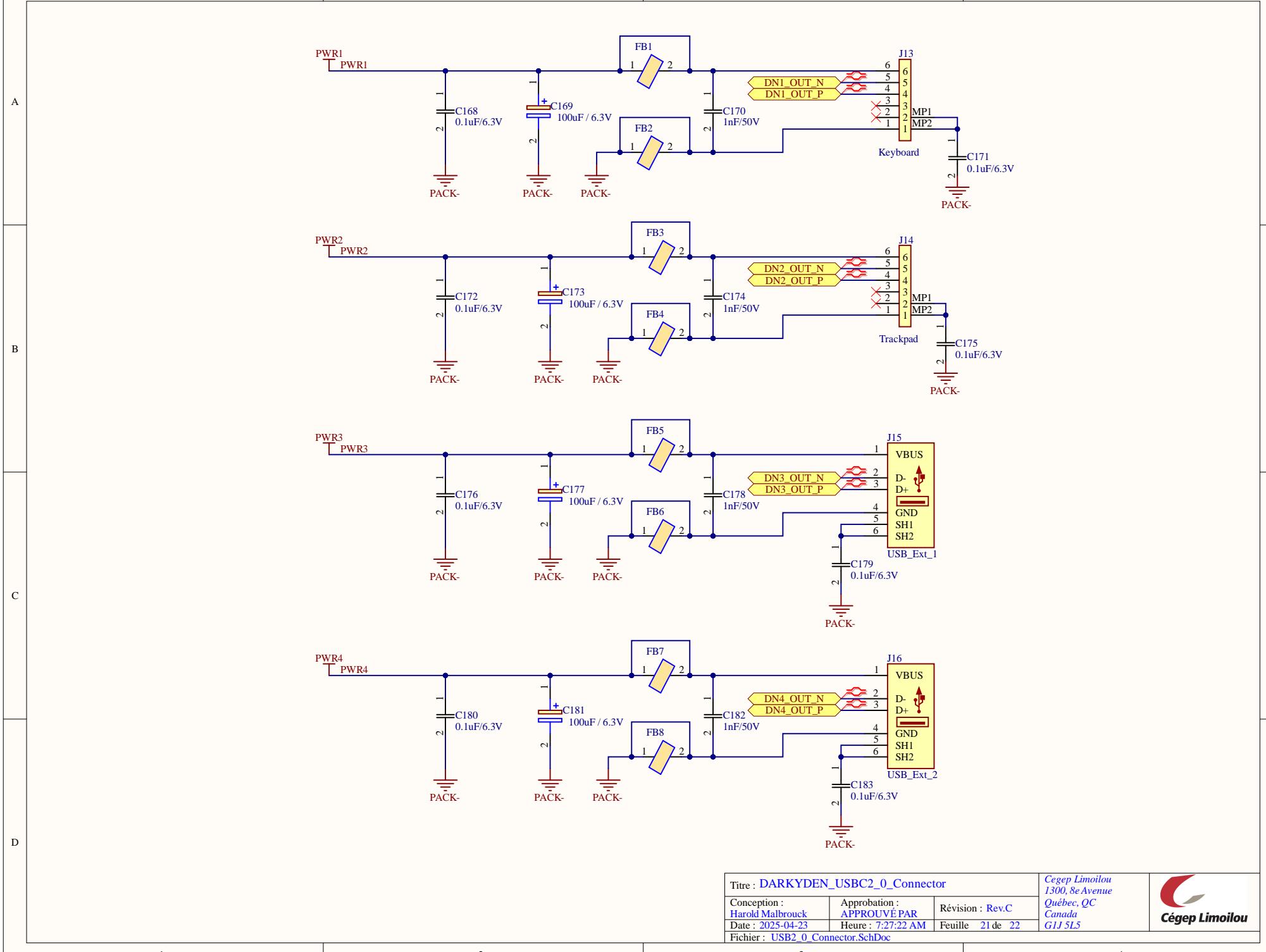
Cégep Limoilou
1300, 8e Avenue
Québec, QC
Canada
G1J 5L5



Fichier : 12V_FROM_BATTERY.SchDoc







Titre : DARKYDEN_USBC2_0_Connector

Conception :
Harold Malbrouck

Approbation :
APPROUÉ PAR

Révision : Rev.C
Date : 2025-04-23 Heure : 7:27:22 AM Feuille 21 de 22

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



A

A

B

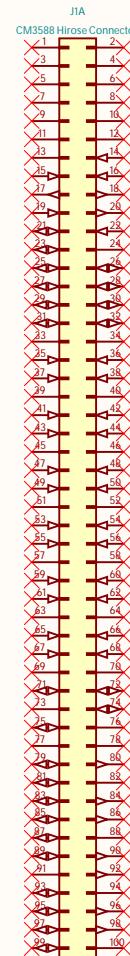
B

C

C

D

D



Titre : DARKYDEN_CONNECTEUR_1

Conception :
Harold MalbrouckApprobation :
APPROUÉ PARRévision : Rev.B
Date : 2025-04-23 Heure : 7:27:22 AM Feuille 22 de 22Cegep Limoilou
1300, 8e Avenue
Québec, QC
Canada
G1J 5L5

Board Stack Report