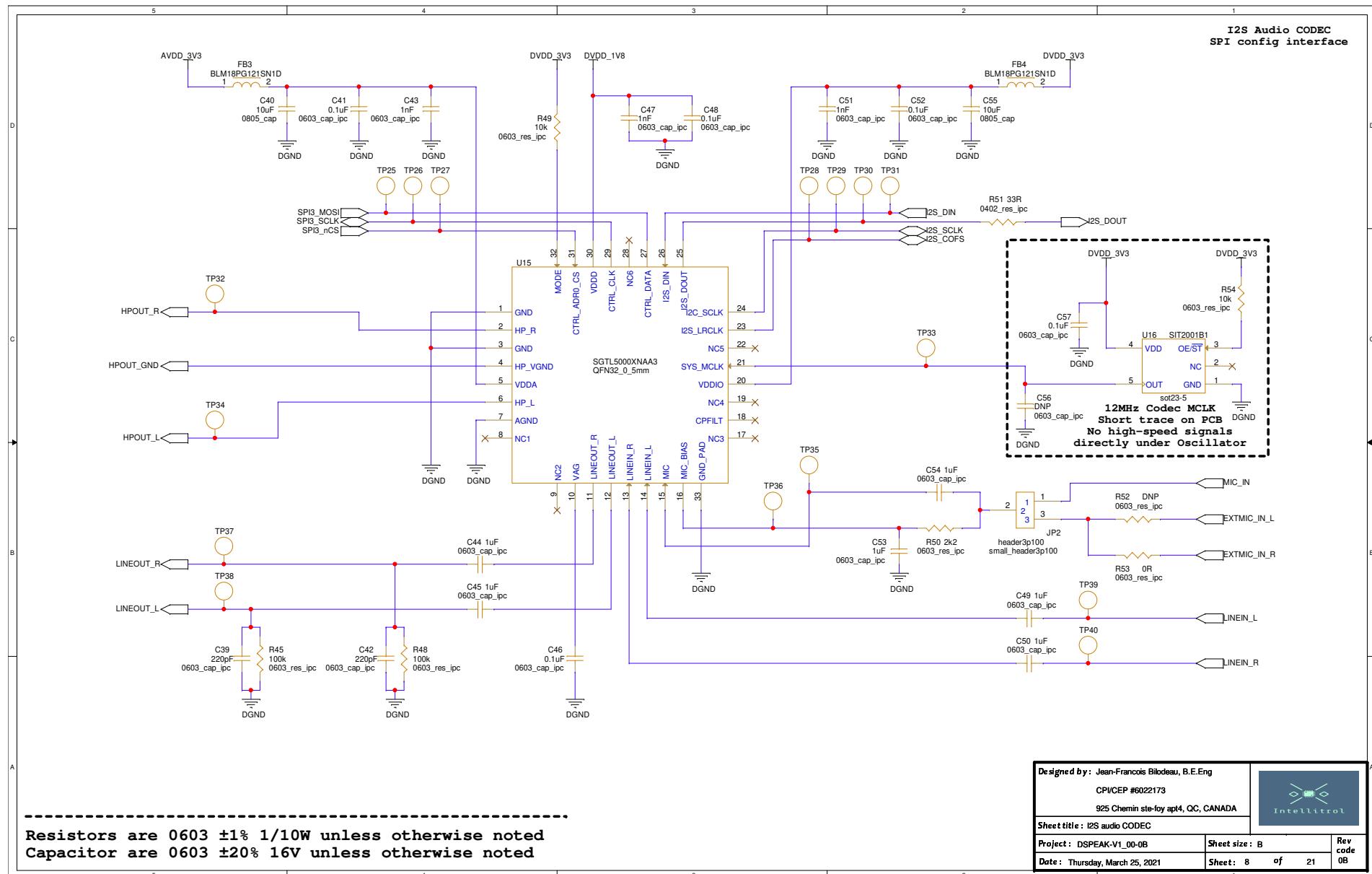
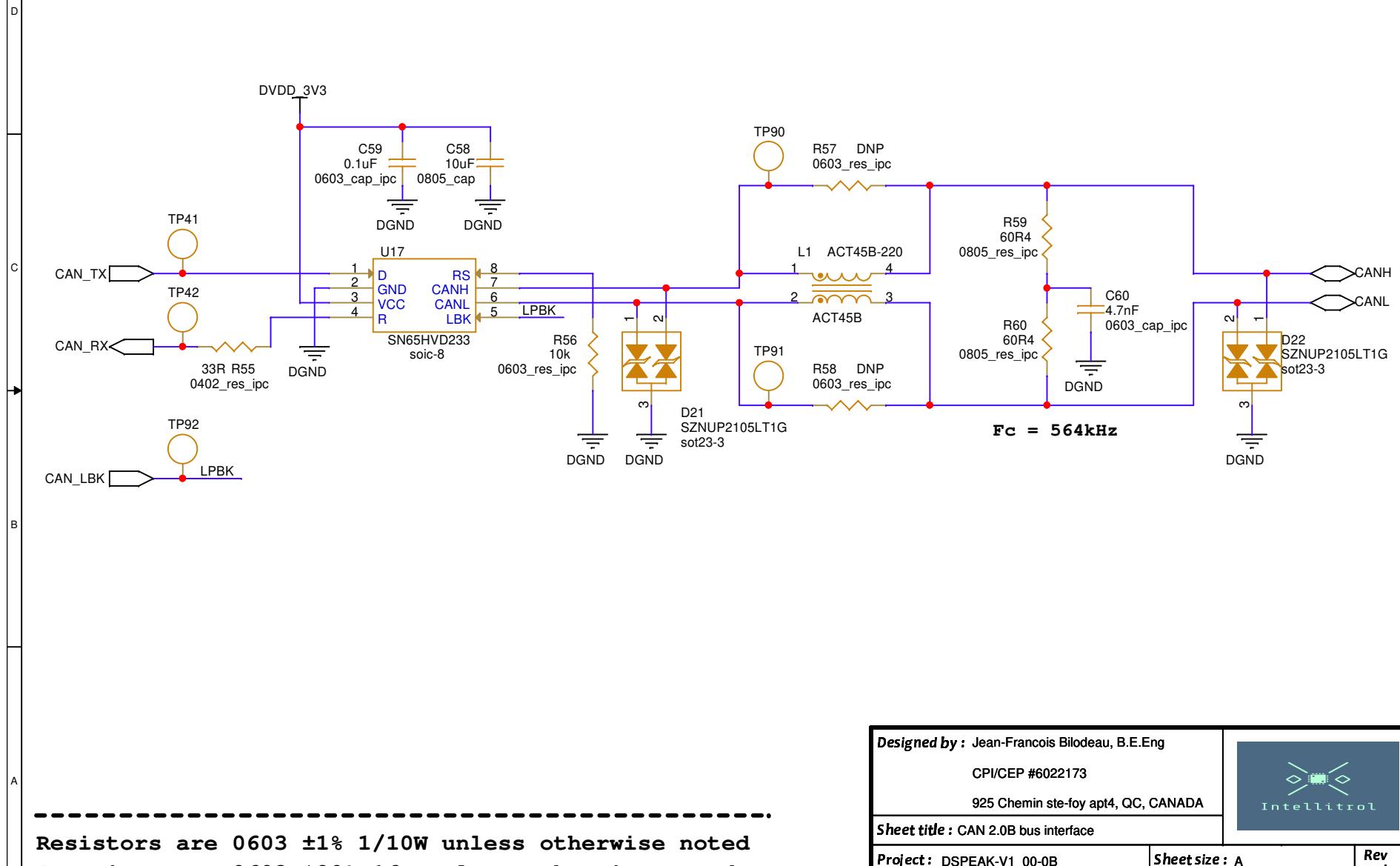


I2S Audio CODEC
SPI config interface

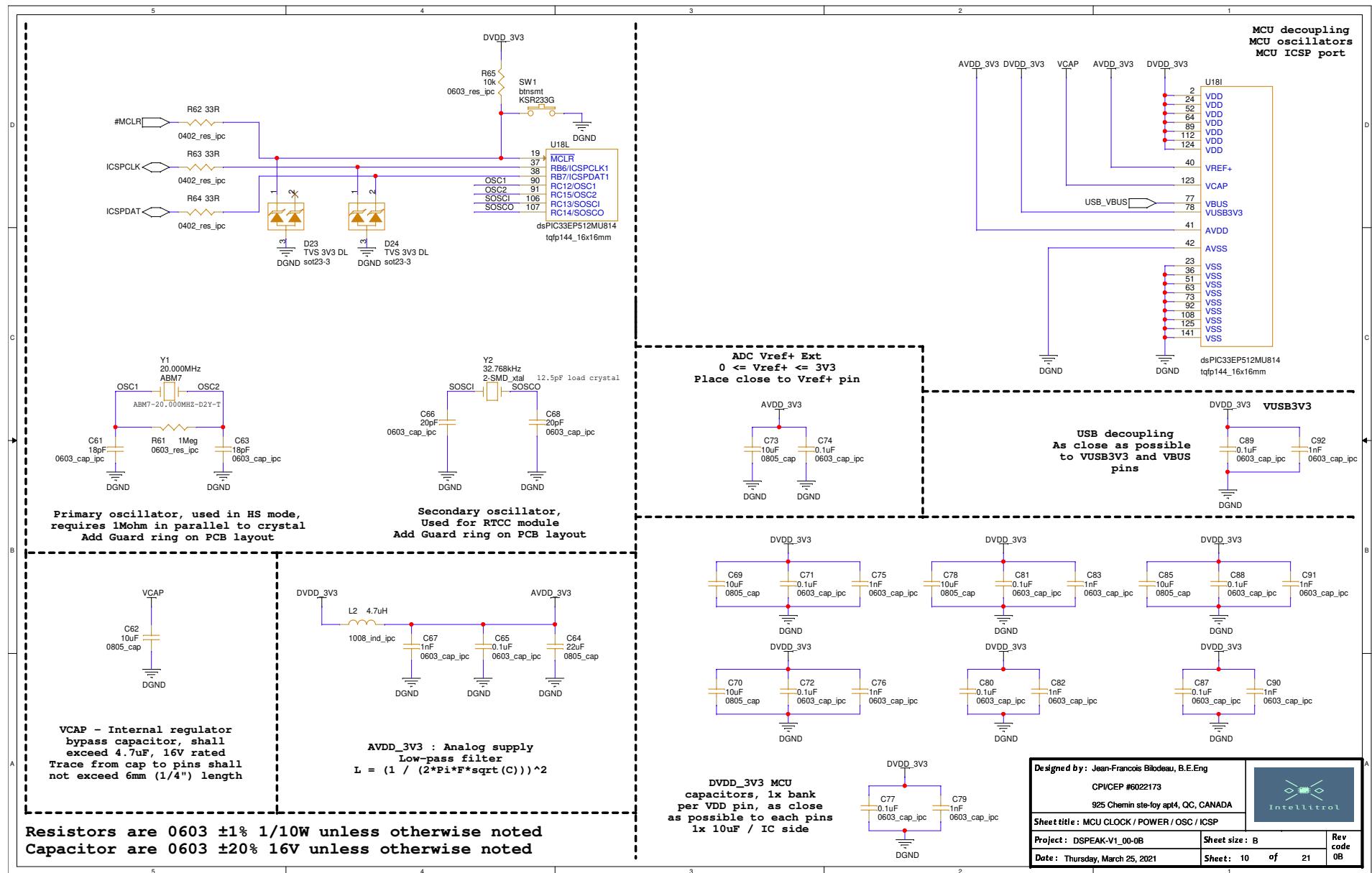


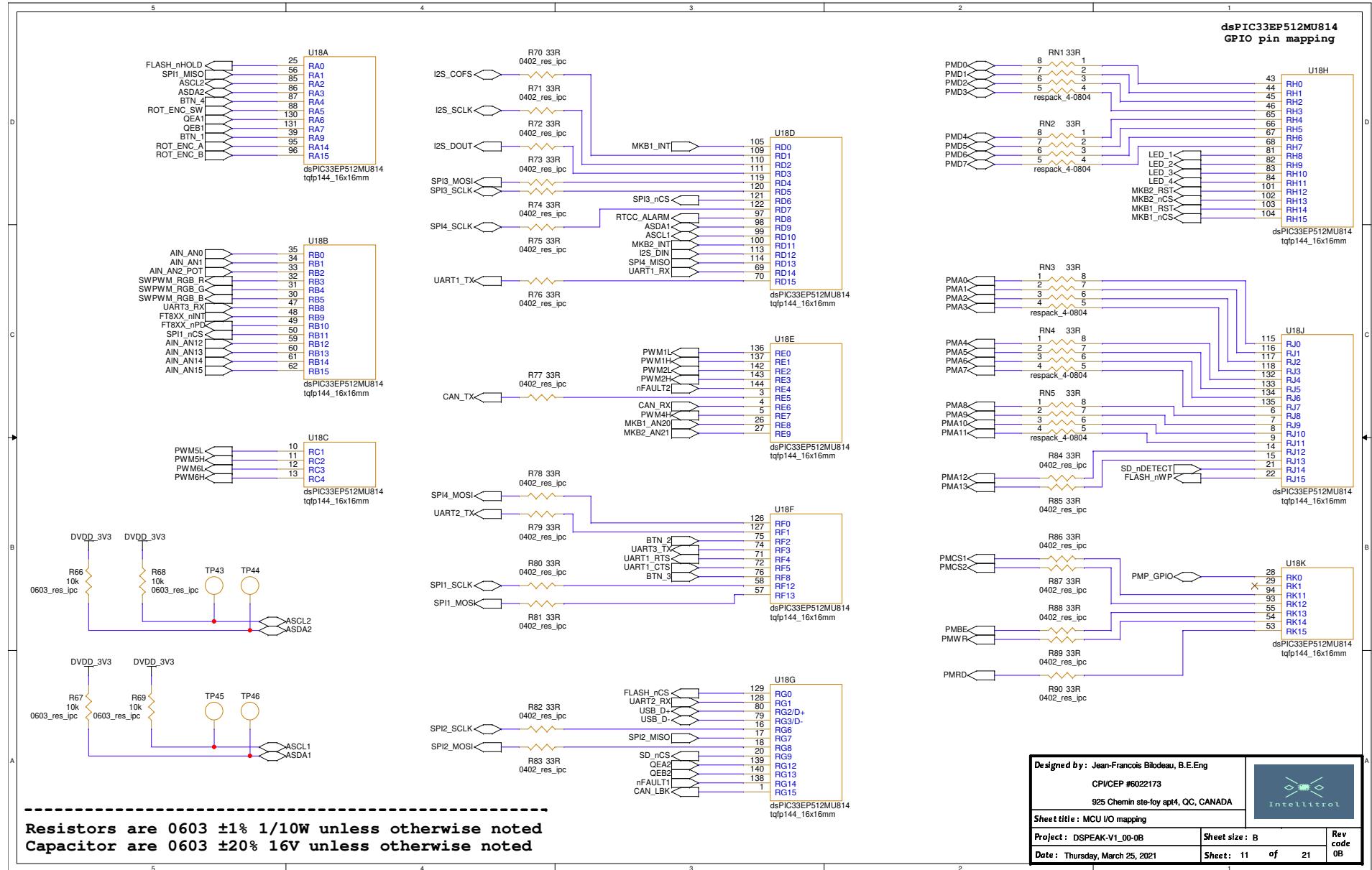
CAN bus interface
CAN 2.0B support
Max bitrate 550kbps



Resistors are 0603 $\pm 1\%$ 1/10W unless otherwise noted
Capacitor are 0603 $\pm 20\%$ 16V unless otherwise noted

Designed by : Jean-Francois Bilodeau, B.E.Eng	
CPI/CEP #6022173	
925 Chemin ste-foy apt4, QC, CANADA	
Sheet title : CAN 2.0B bus interface	 Intellitrol
Project: DSPEAK-V1_00-0B	Sheet size : A
Date : Thursday, March 25, 2021	Rev code 0B
Sheet : 9 of 21	





Resistors are 0603 $\pm 1\%$ 1/10W unless otherwise noted
Capacitor are 0603 $\pm 20\%$ 16V unless otherwise noted

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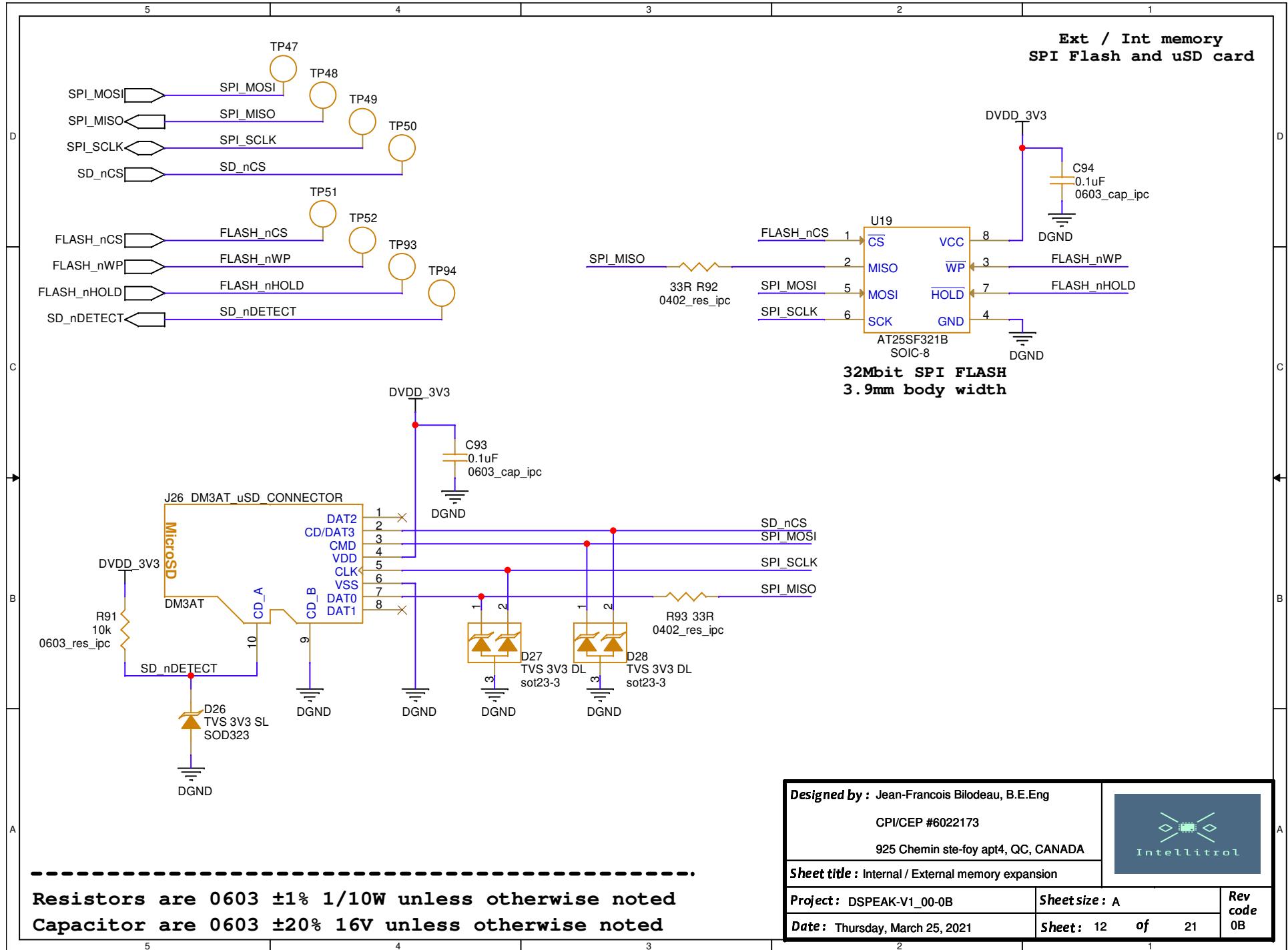
925 Chemin ste-foy apt4, QC, CANA

Sheet title : MCU I/O map

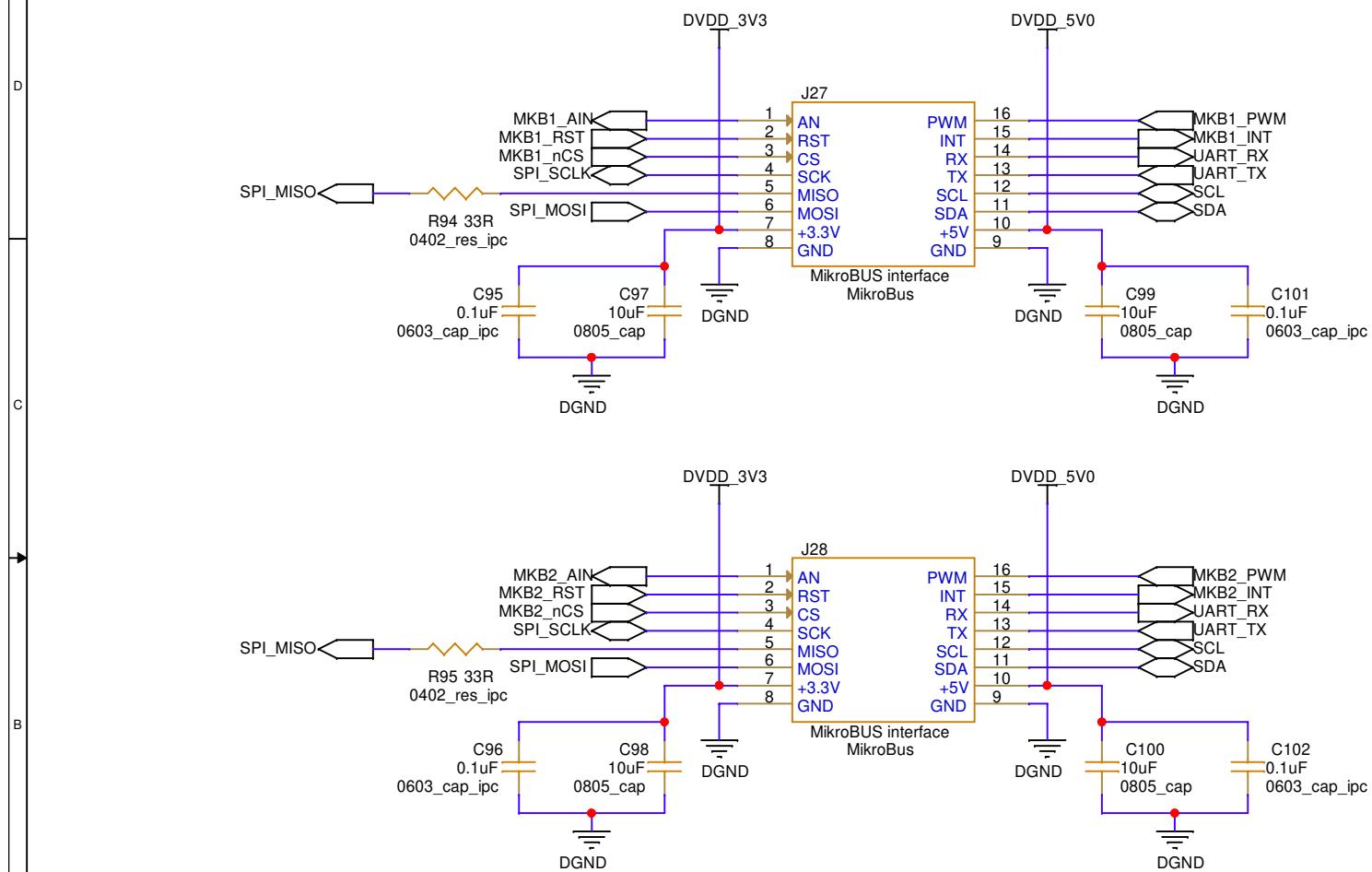
Project : DSPEAK-V1_00

Date : Thursday, March 25, 202

Table 1. Summary of the main characteristics of the four groups.



MikroBus port
Click Board compatible
General purpose I/Os



Resistors are 0603 $\pm 1\%$ 1/10W unless otherwise noted
Capacitor are 0603 $\pm 20\%$ 16V unless otherwise noted

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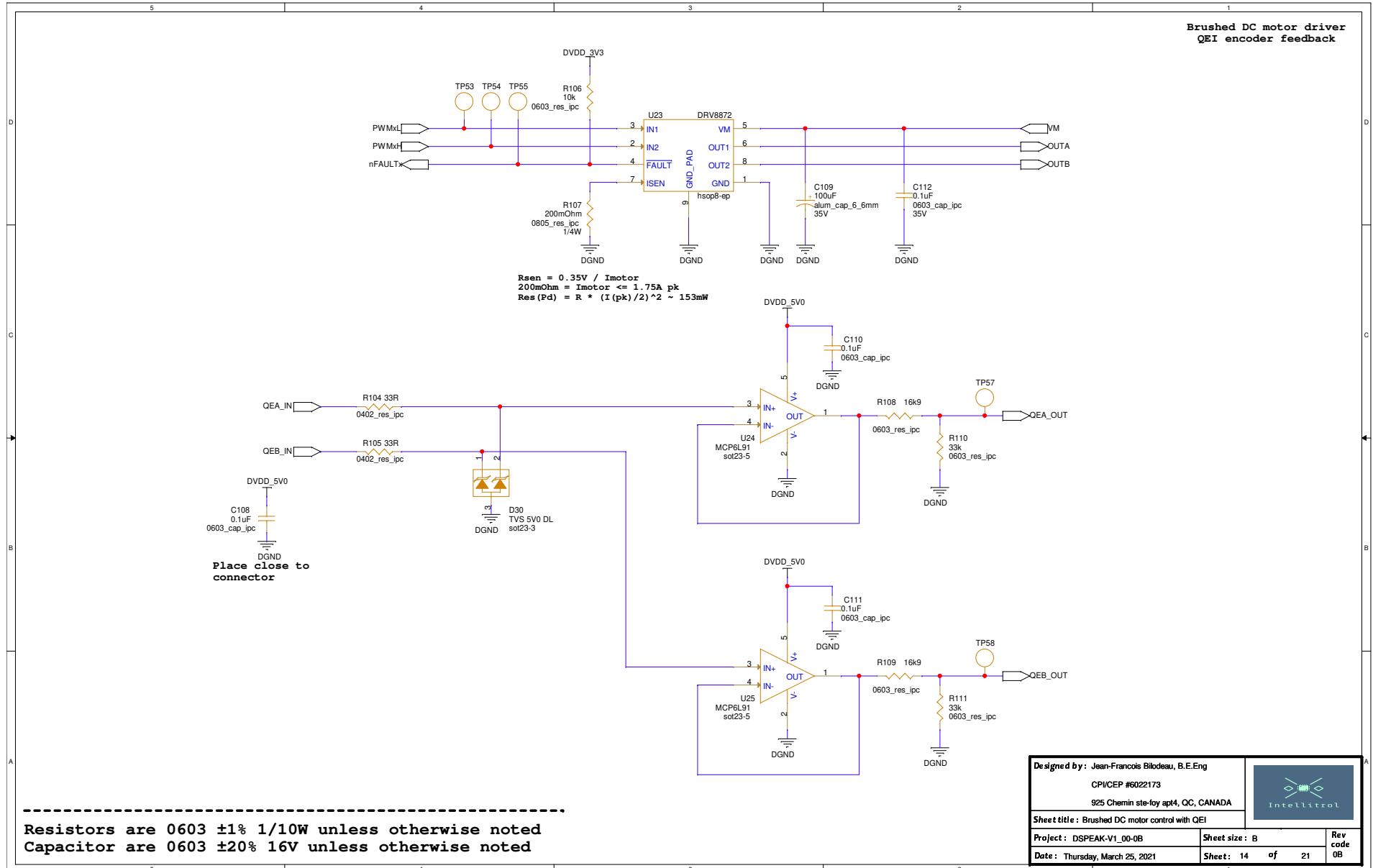
Sheet title : MikroBus expansion socket - dual

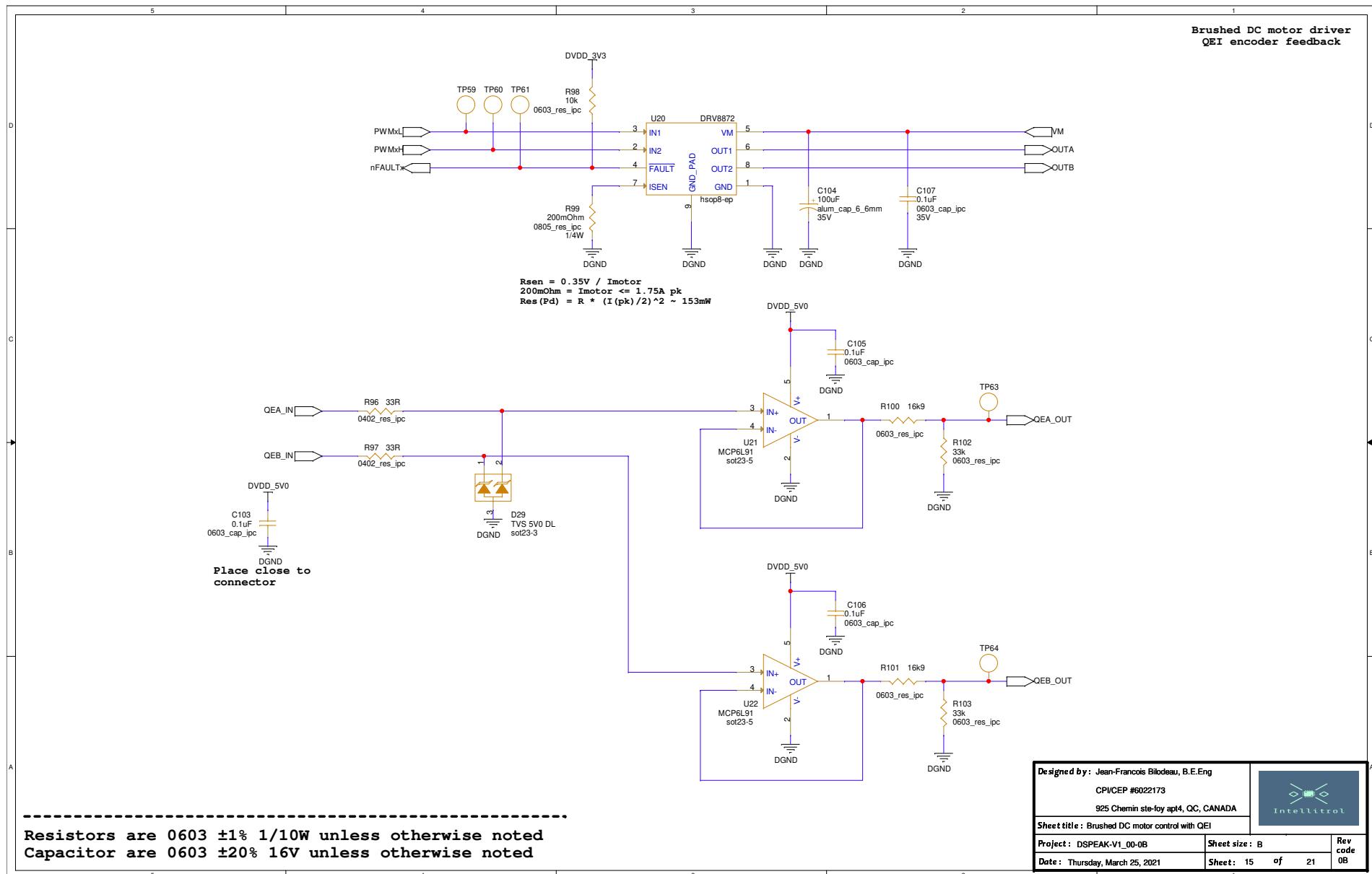
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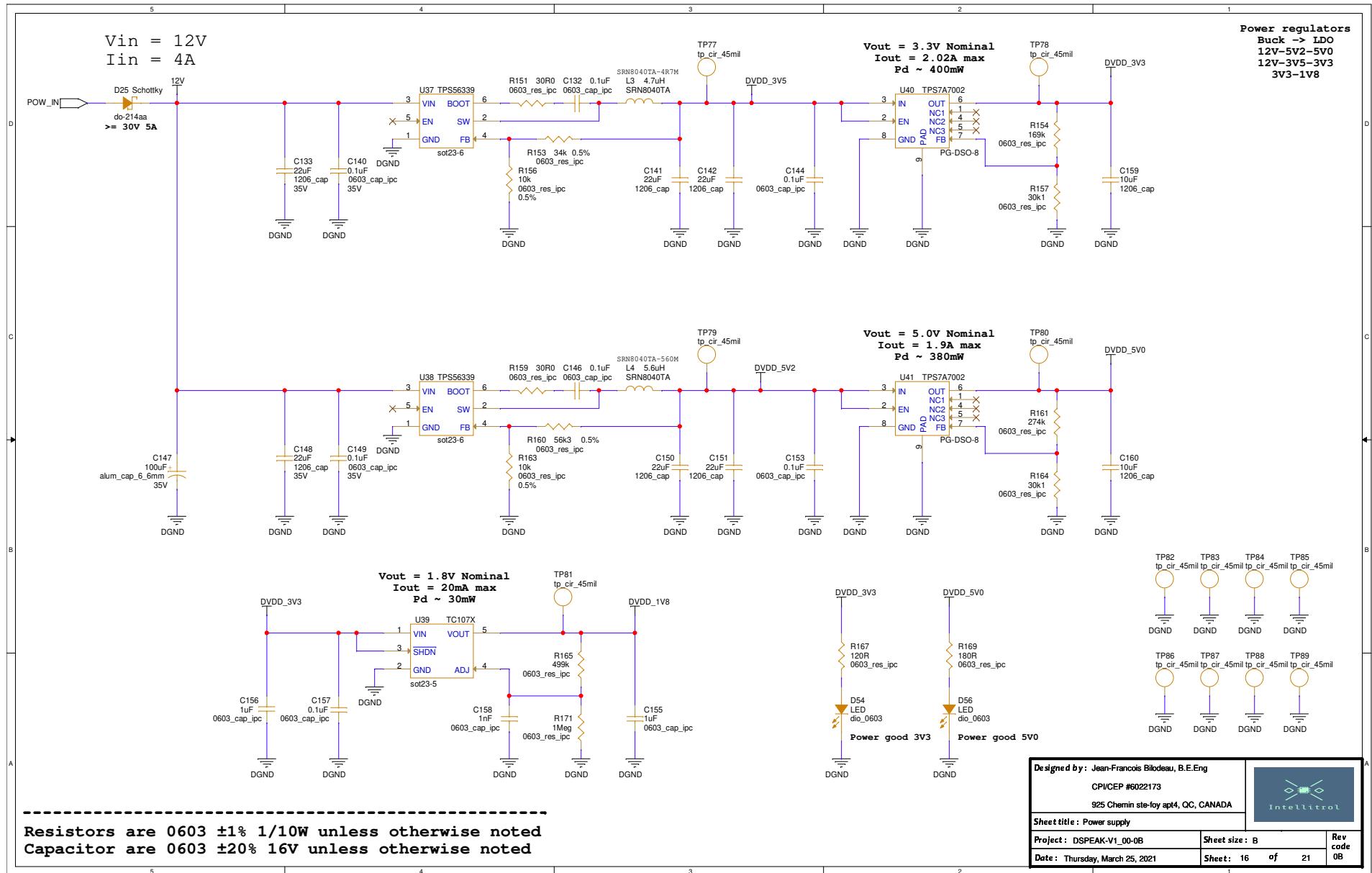
Date: Thursday, March 25, 2021

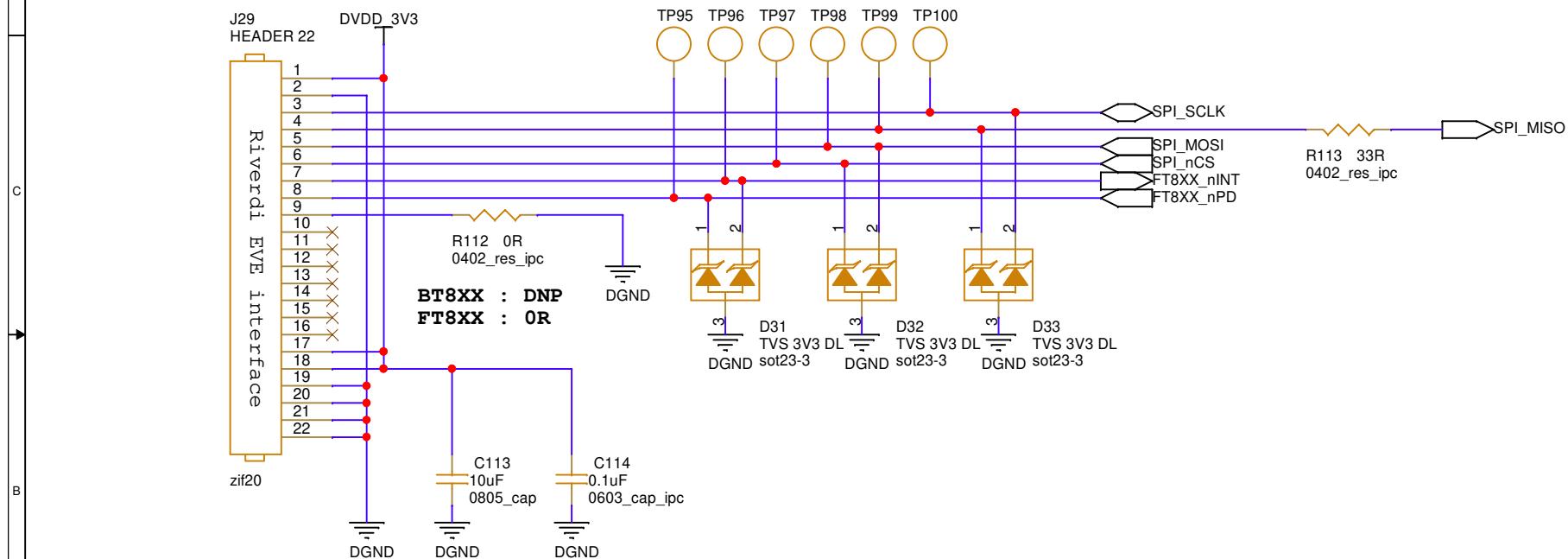


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Sheet title : Riverdi TFT LCD EVE interface



Intellitrol

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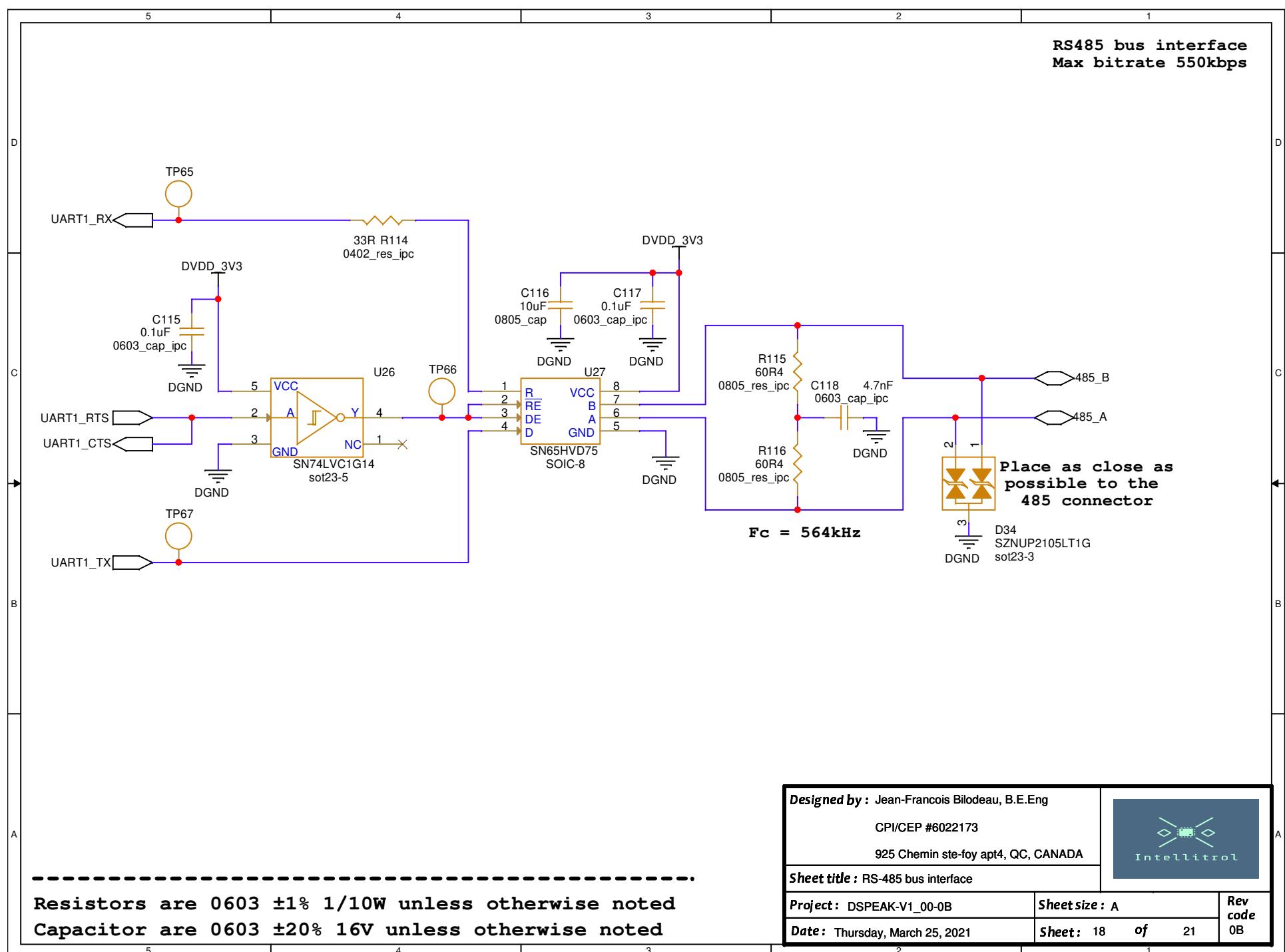
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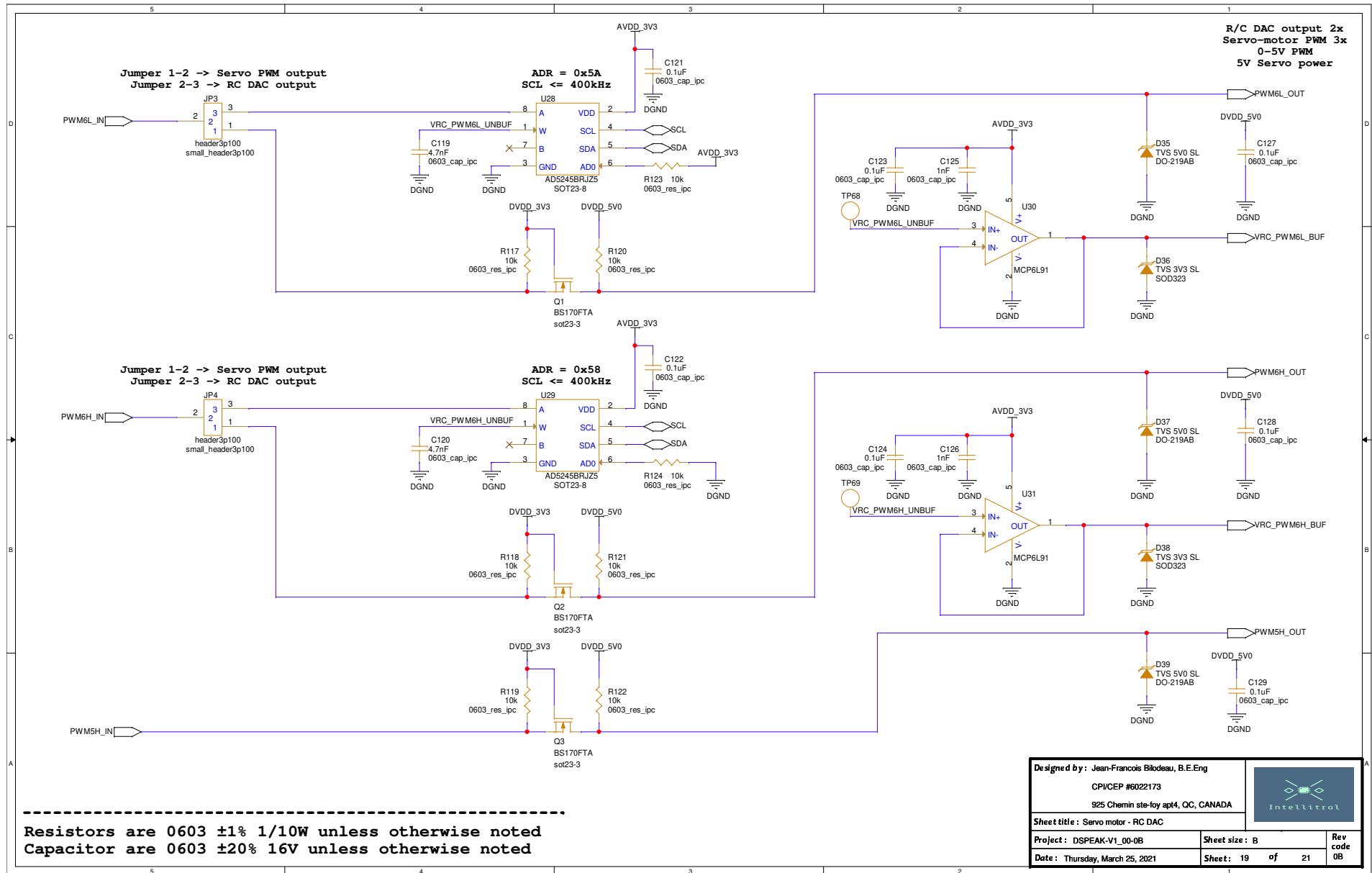
Sheet : 17 of 21

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Resistors are 0603 ±1% 1/10W unless otherwise noted

Capacitor are 0603 ±20% 16V unless otherwise noted





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Sheet title: Servo motor - RC DAC

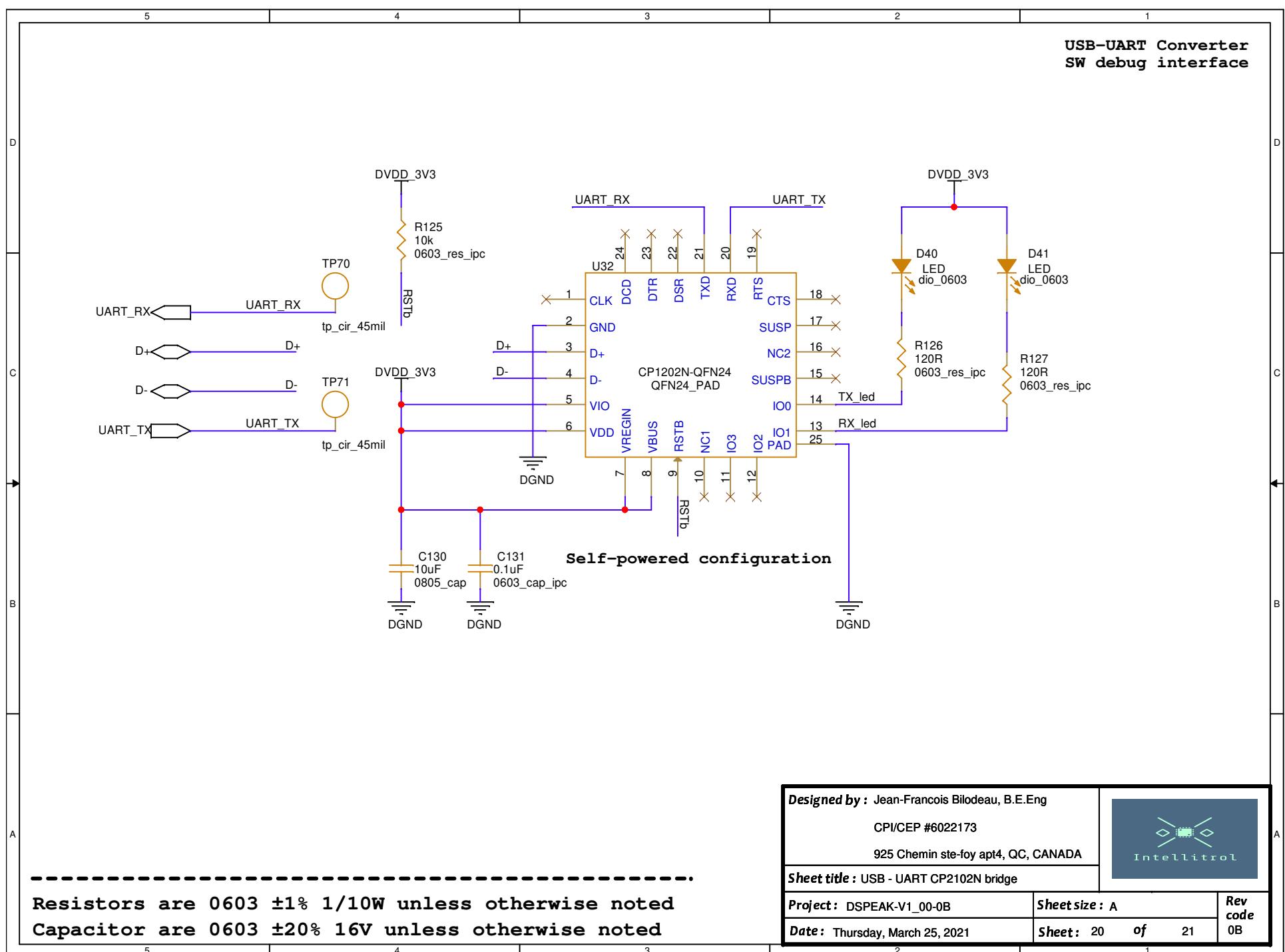
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Sheet size : B

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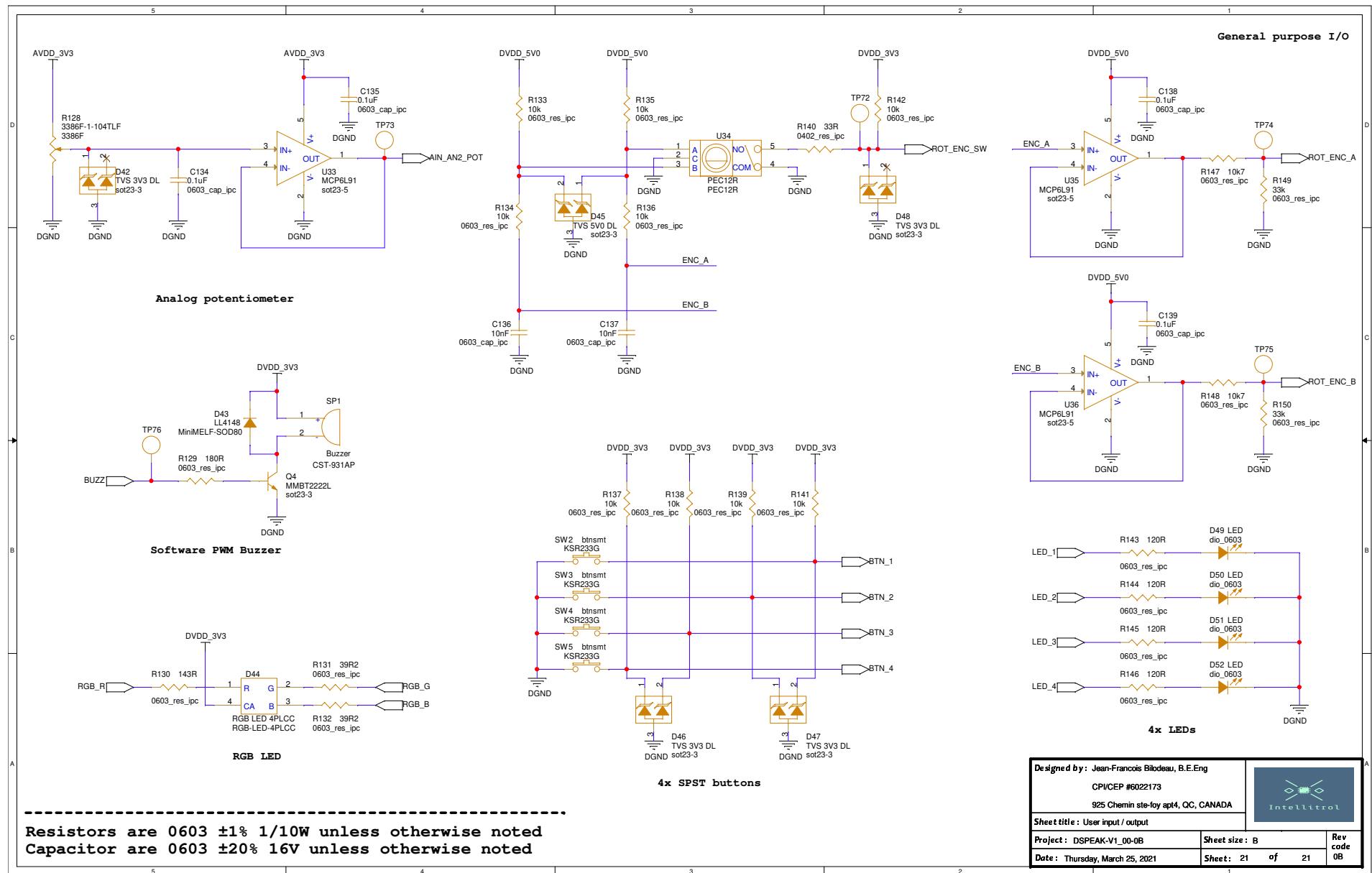
Sheet title : USB - UART CP2102N bridge

Project: DSPEAK-V1_00-0B

Date: Thursday, March 25, 2021



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0B



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Project : DSPEAK-V1.00-08	Sheet size : B		
Date : Thursday, March 25, 2021	Sheet: 21 of 21		

