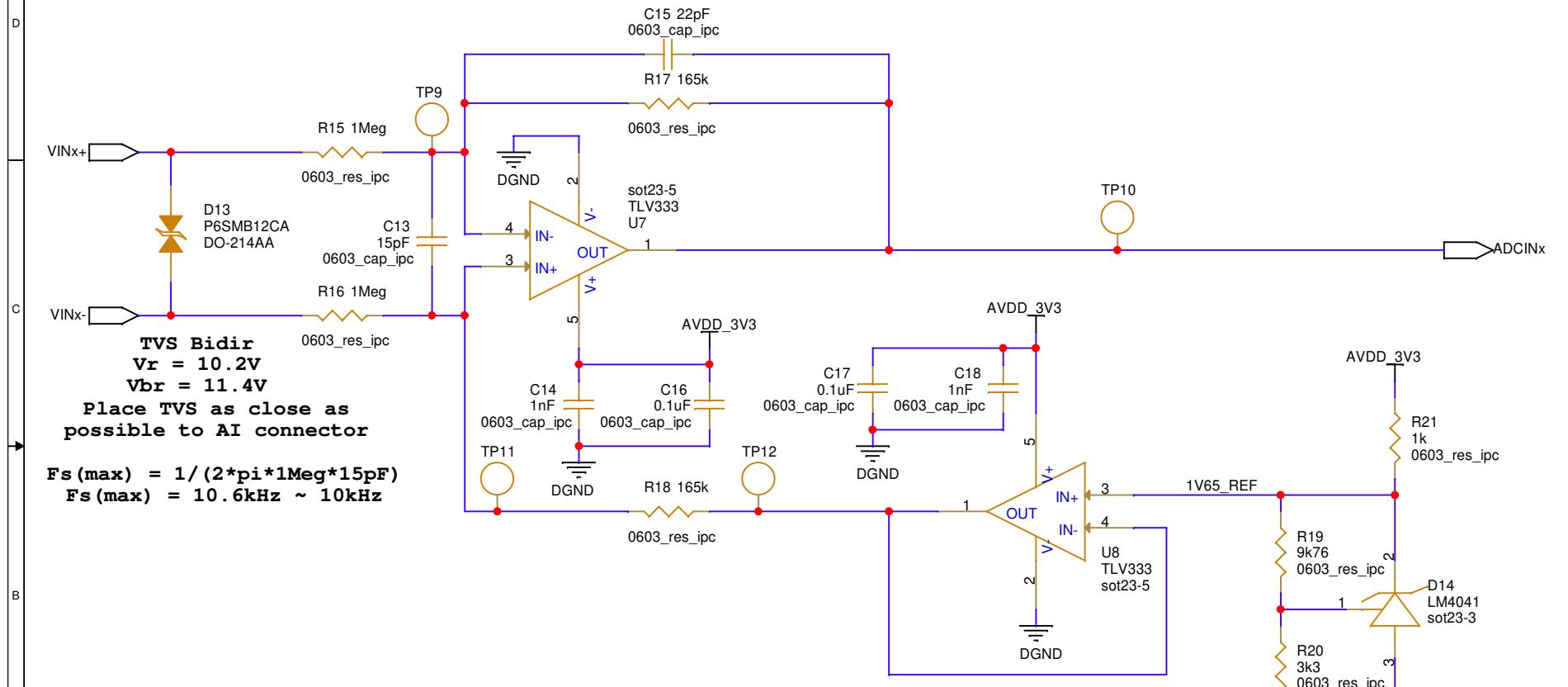


Analog input ±10V
12 bits resolution



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

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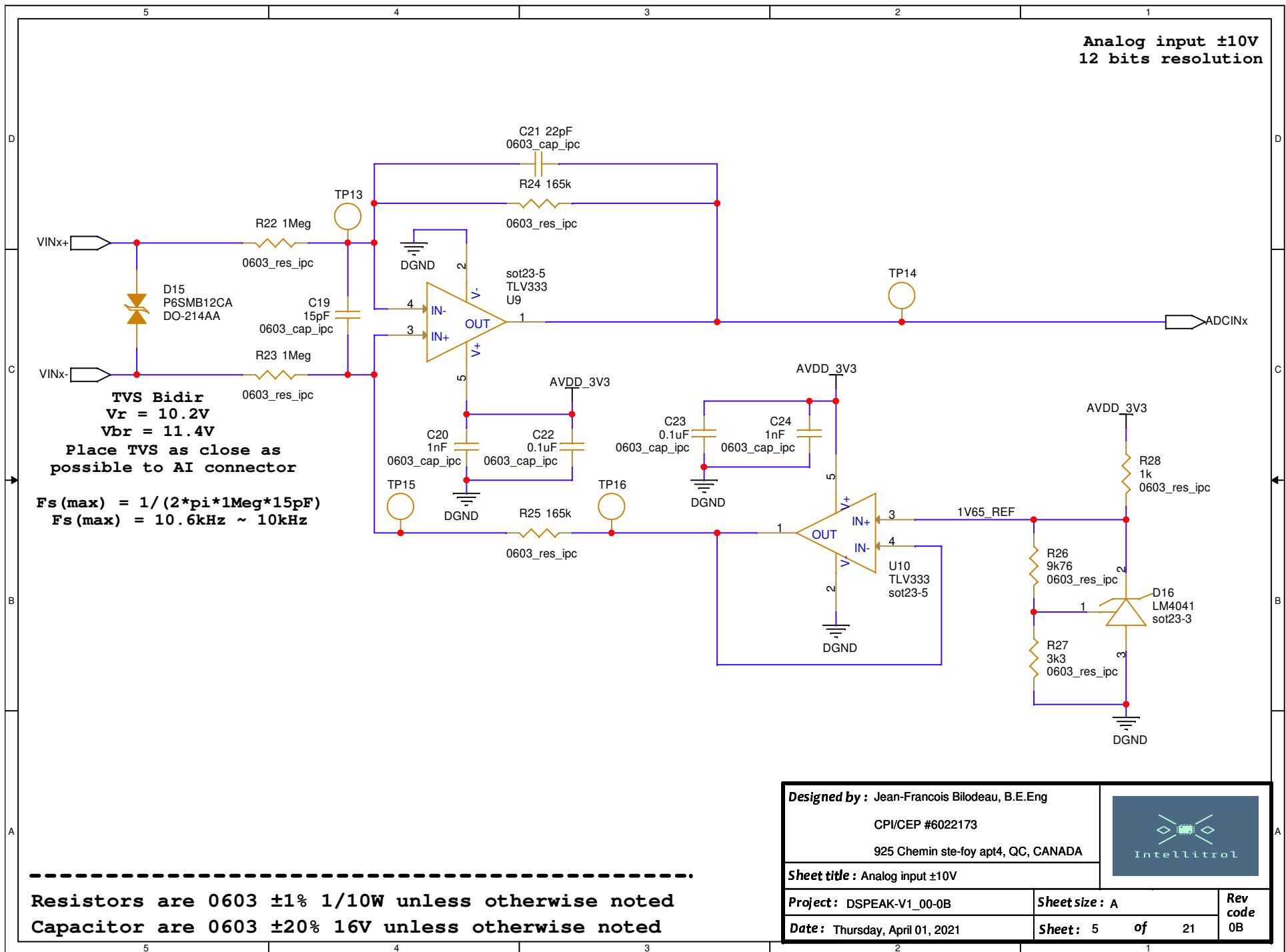
Sheet title : Analog input ±10V

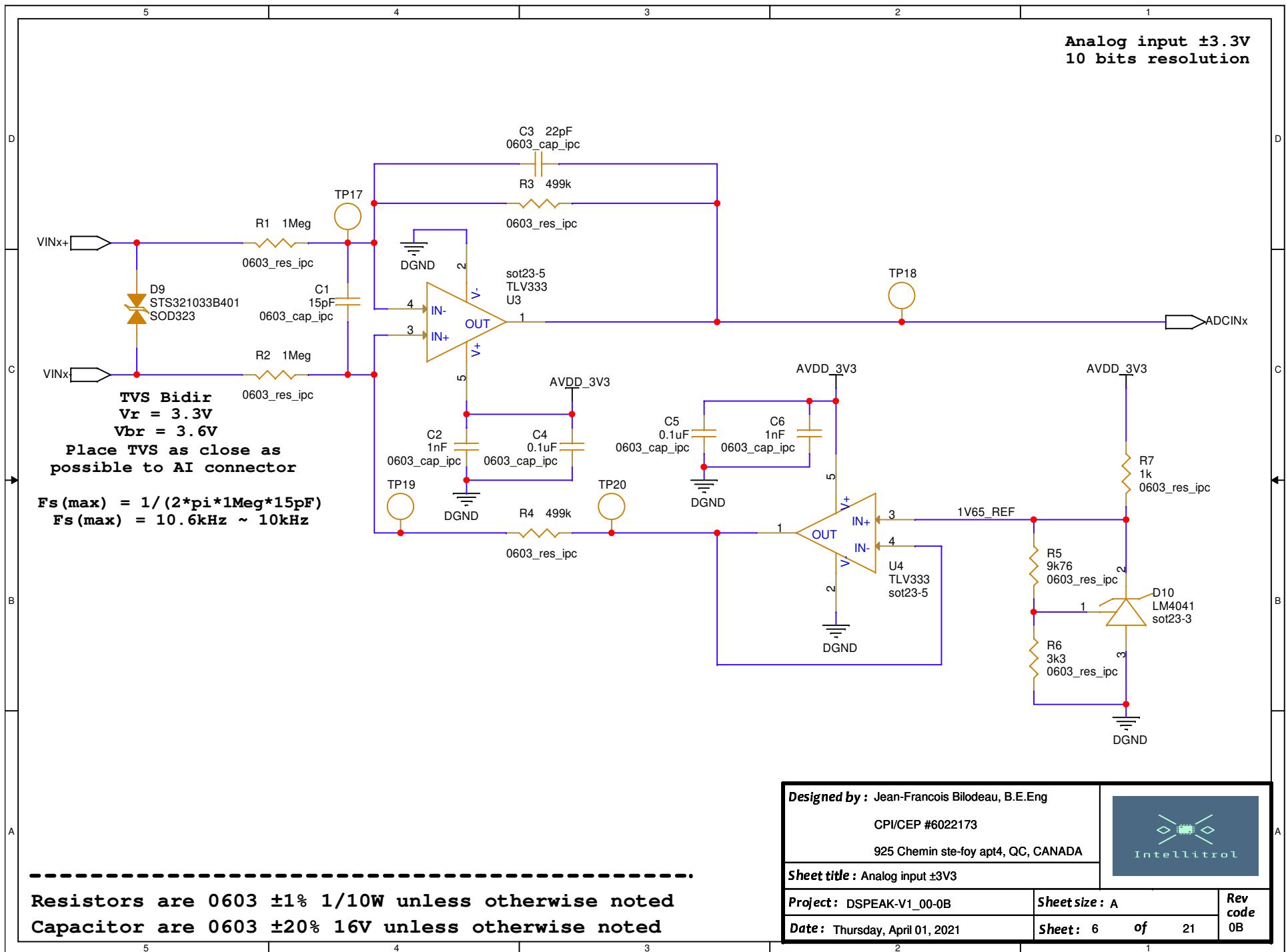
Project: DSPEAK-V1_00-0E

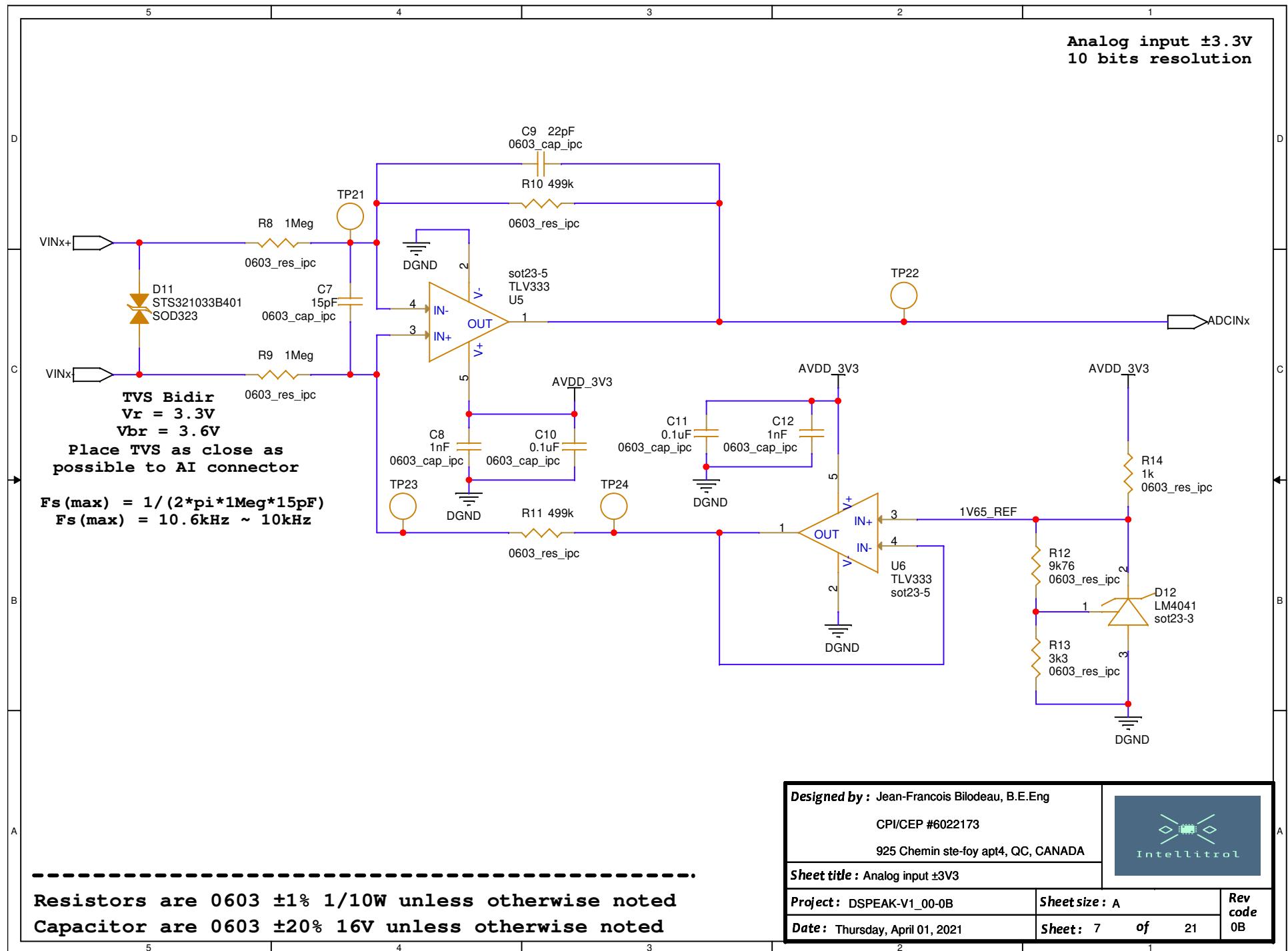
Date: Thursday, April 01, 2021

Sheet size : A4

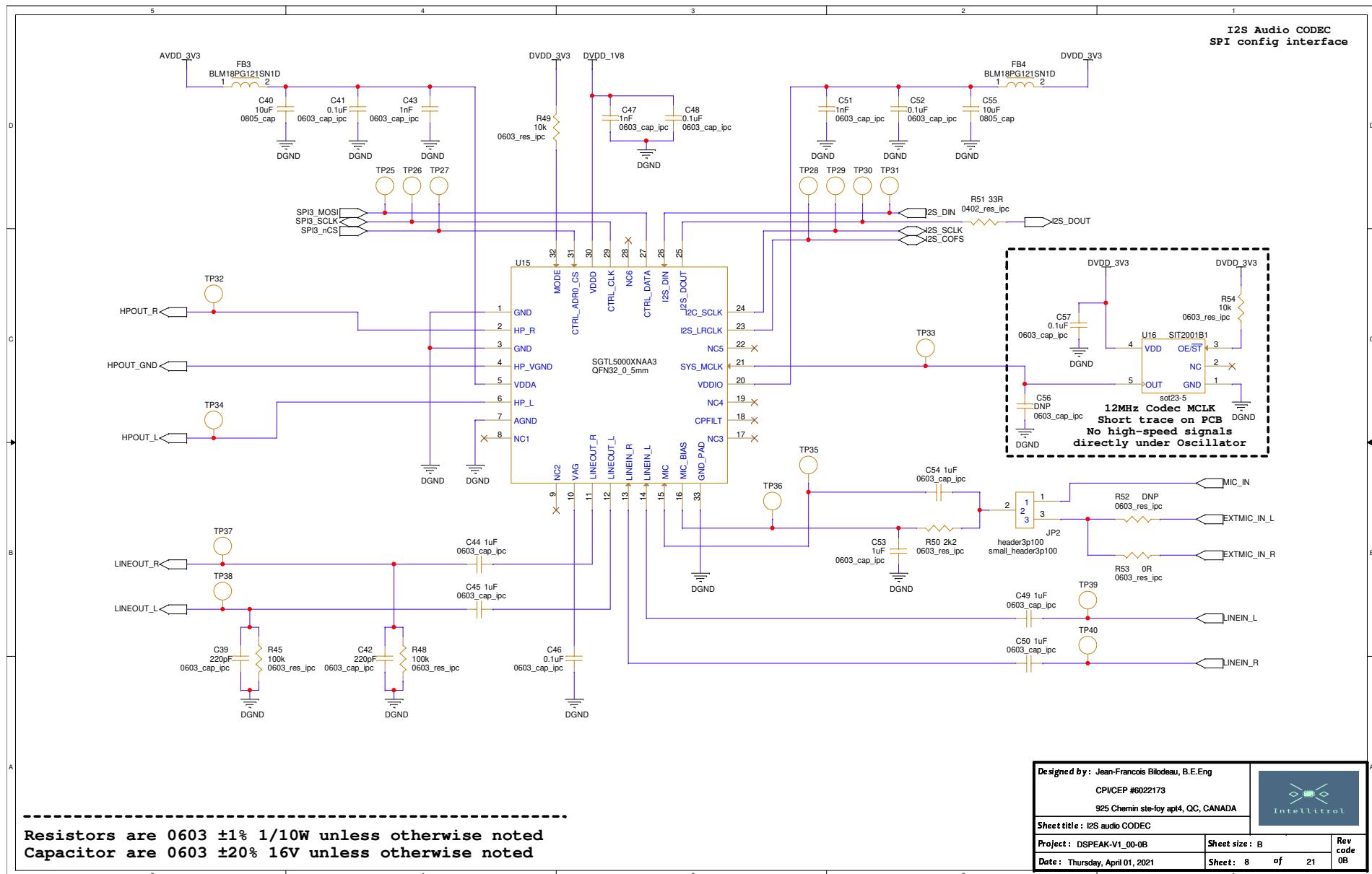
**Rev
code
0B**



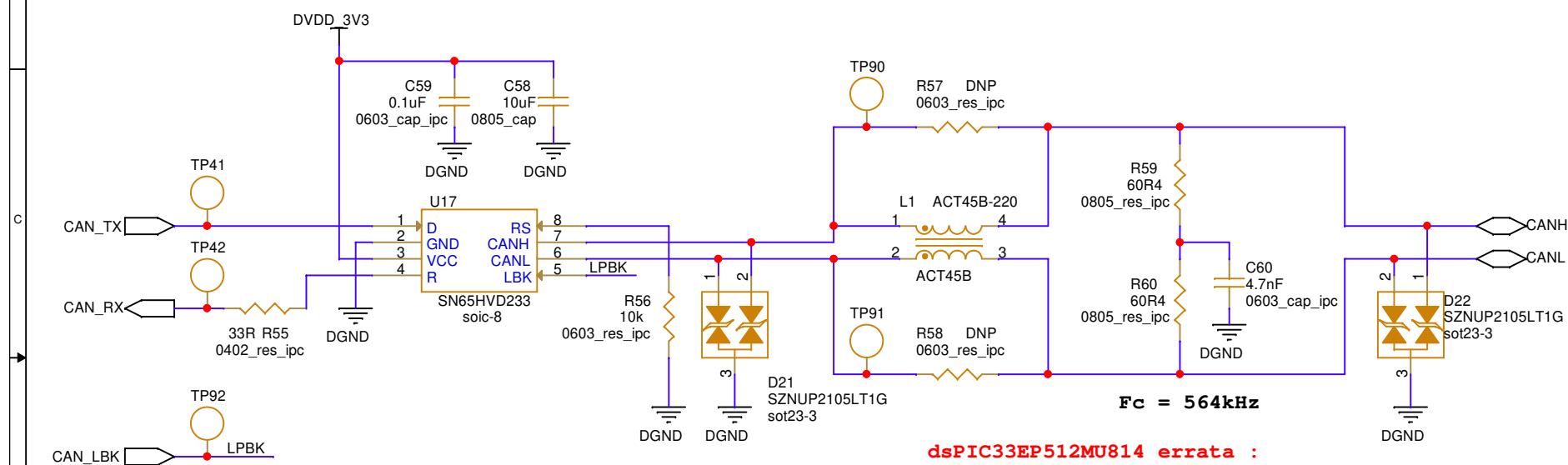




I2S Audio CODEC
SPI config interface



CAN bus interface
CAN 2.0B support
Max bitrate 550kbps



Resistors are 0603 ±1% 1/10W unless otherwise noted
Capacitor are 0603 ±20% 16V unless otherwise noted

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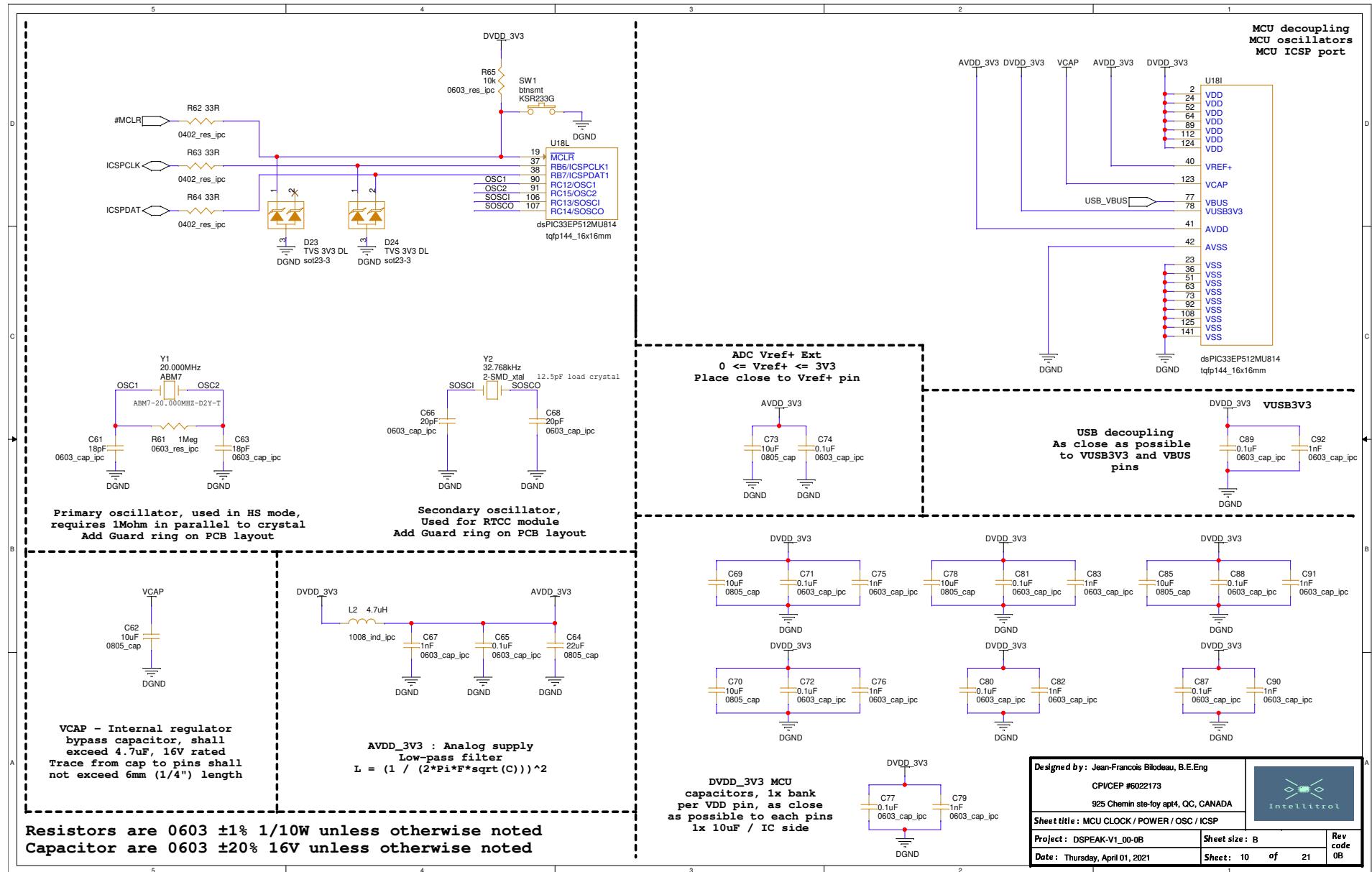
Sheet title : CAN 2.0B bus interface

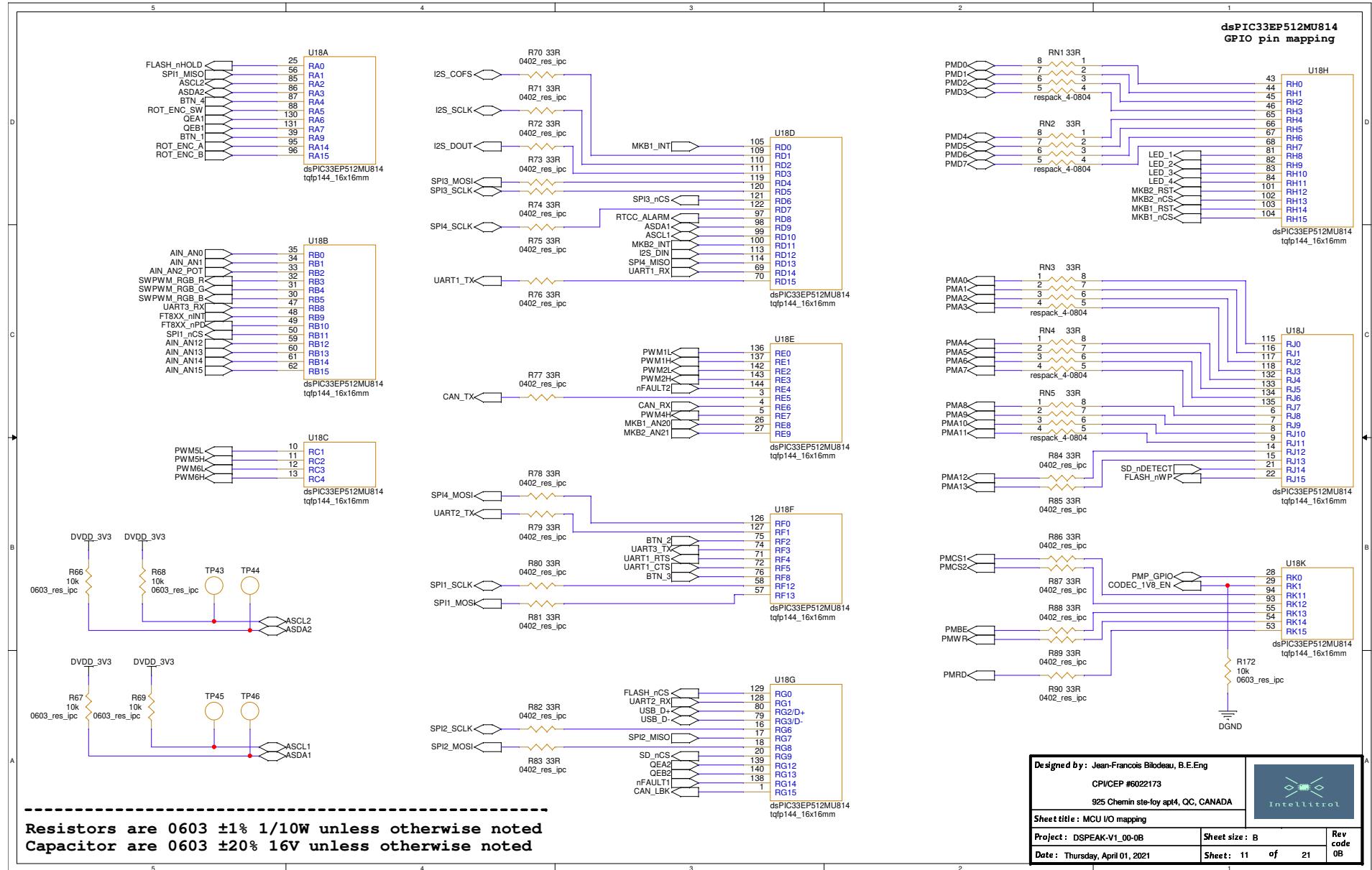
Project: DSPEAK-V1_00-0B

Date: Thursday, April 01, 2021



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0B





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

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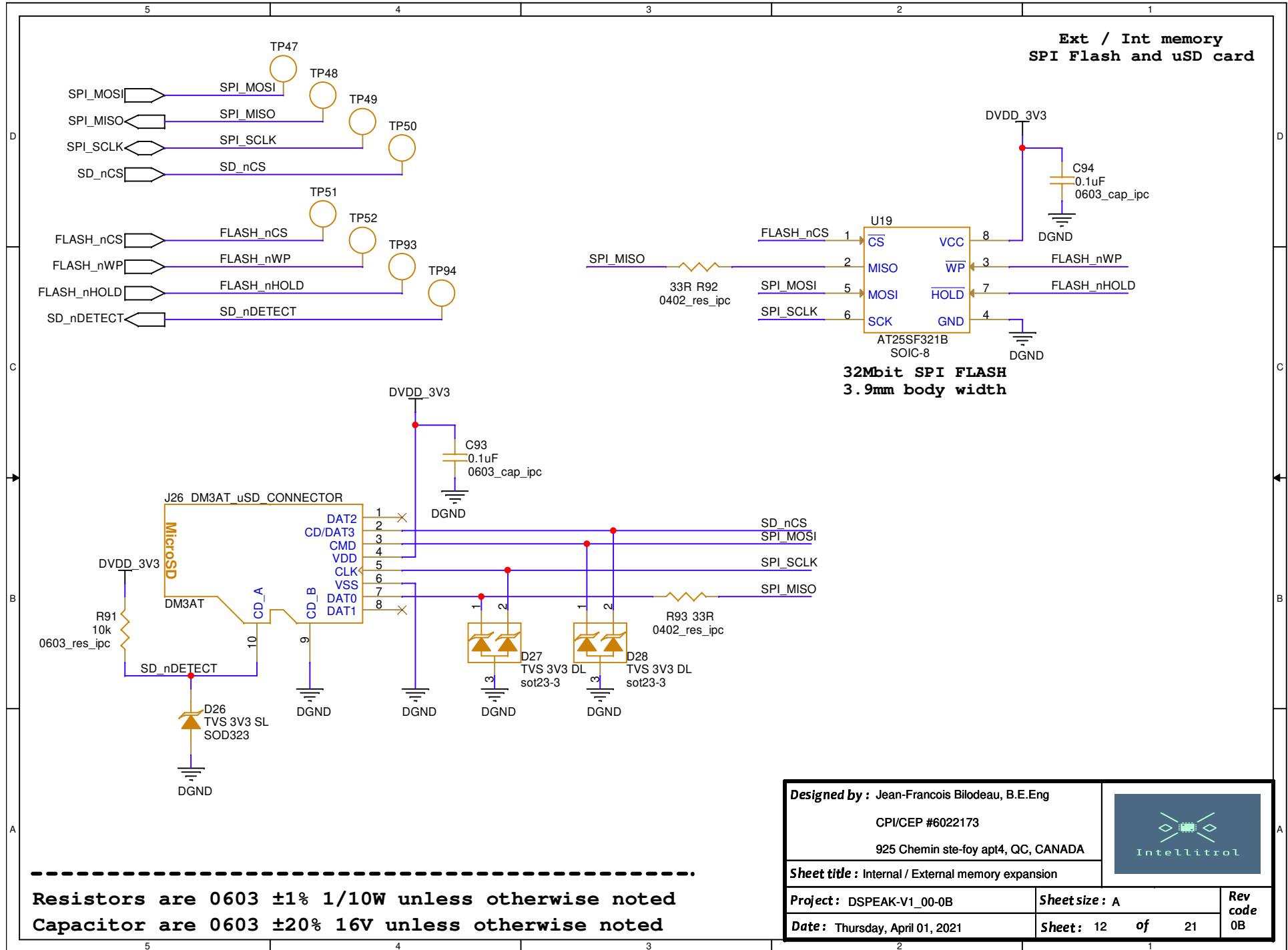
925 Chemin ste-foy apt4, QC, CAN

Sheet title : MCU I/O map

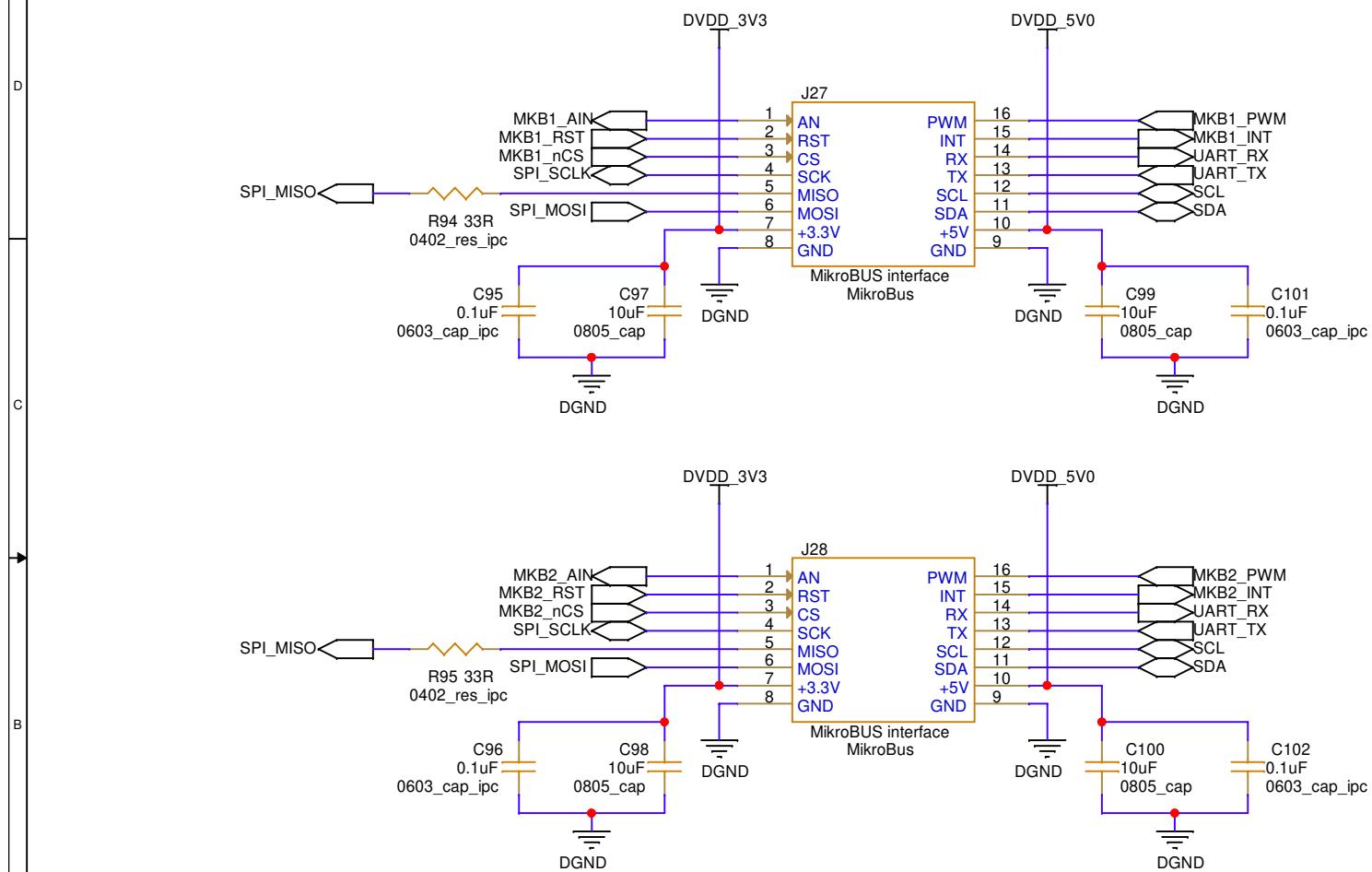
Project : DSPEAK-V1_00-0B

Date : Thursday, April 01, 2021





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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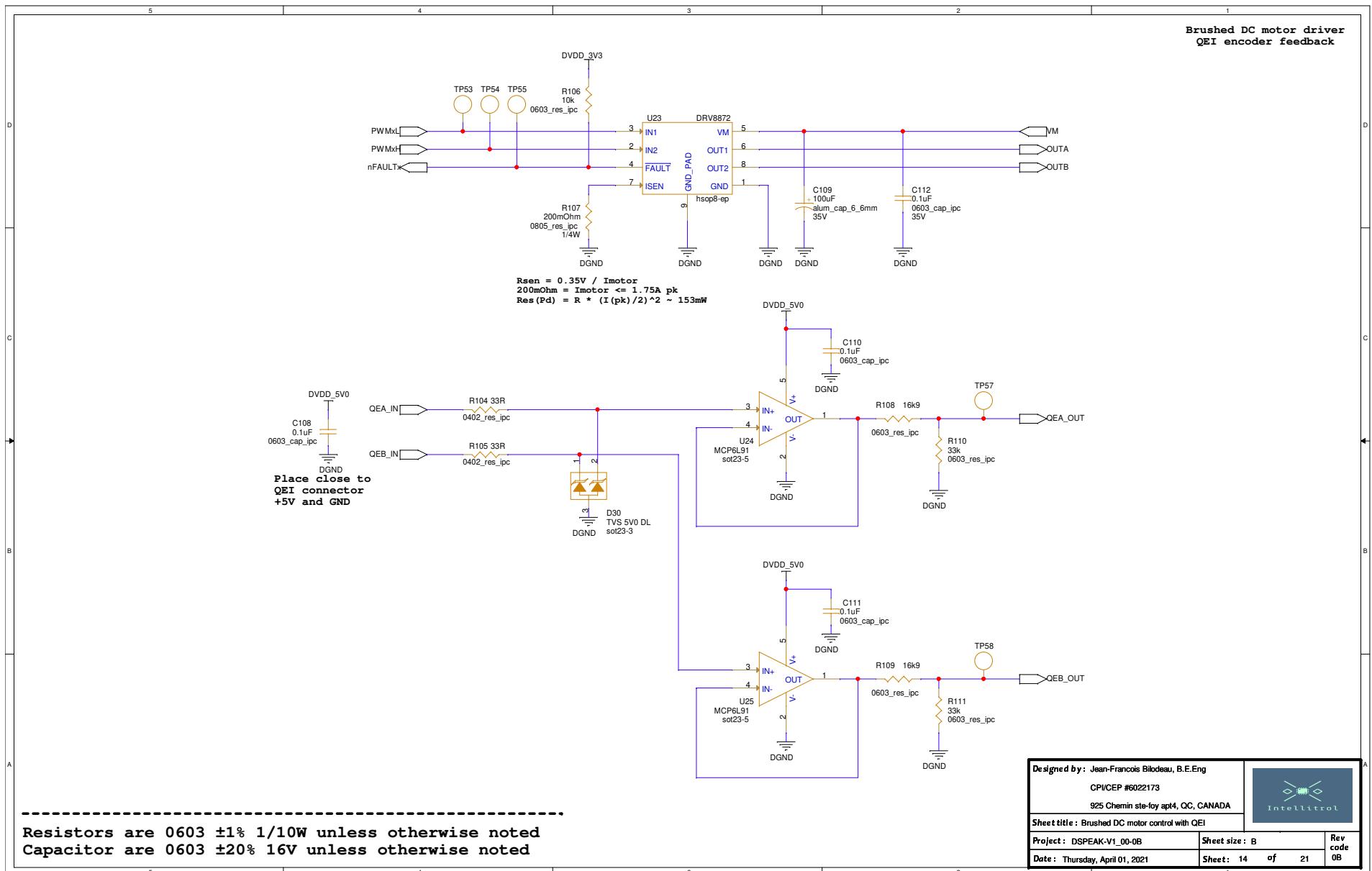
Sheet title : MikroBus expansion socket - dual

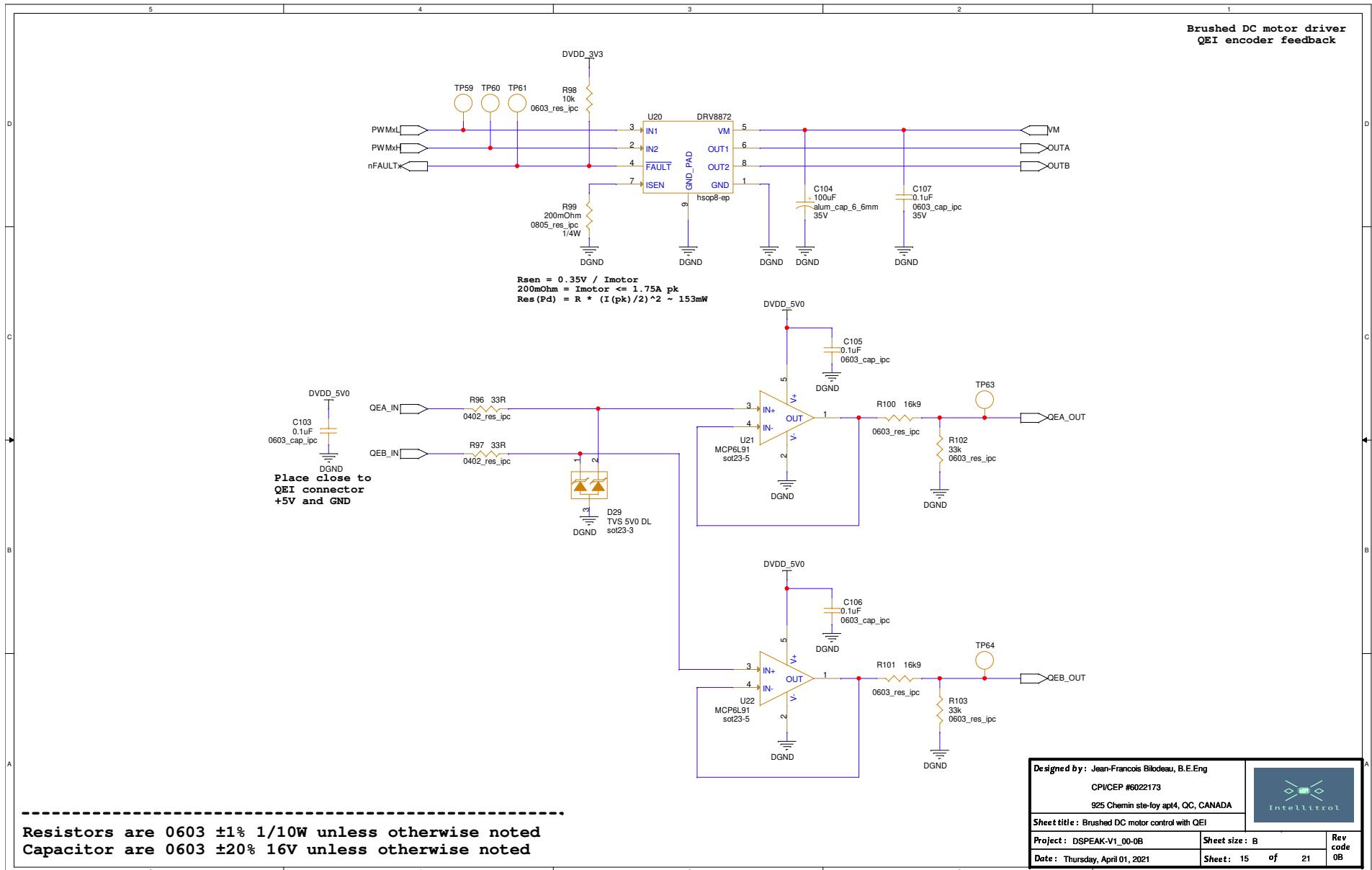
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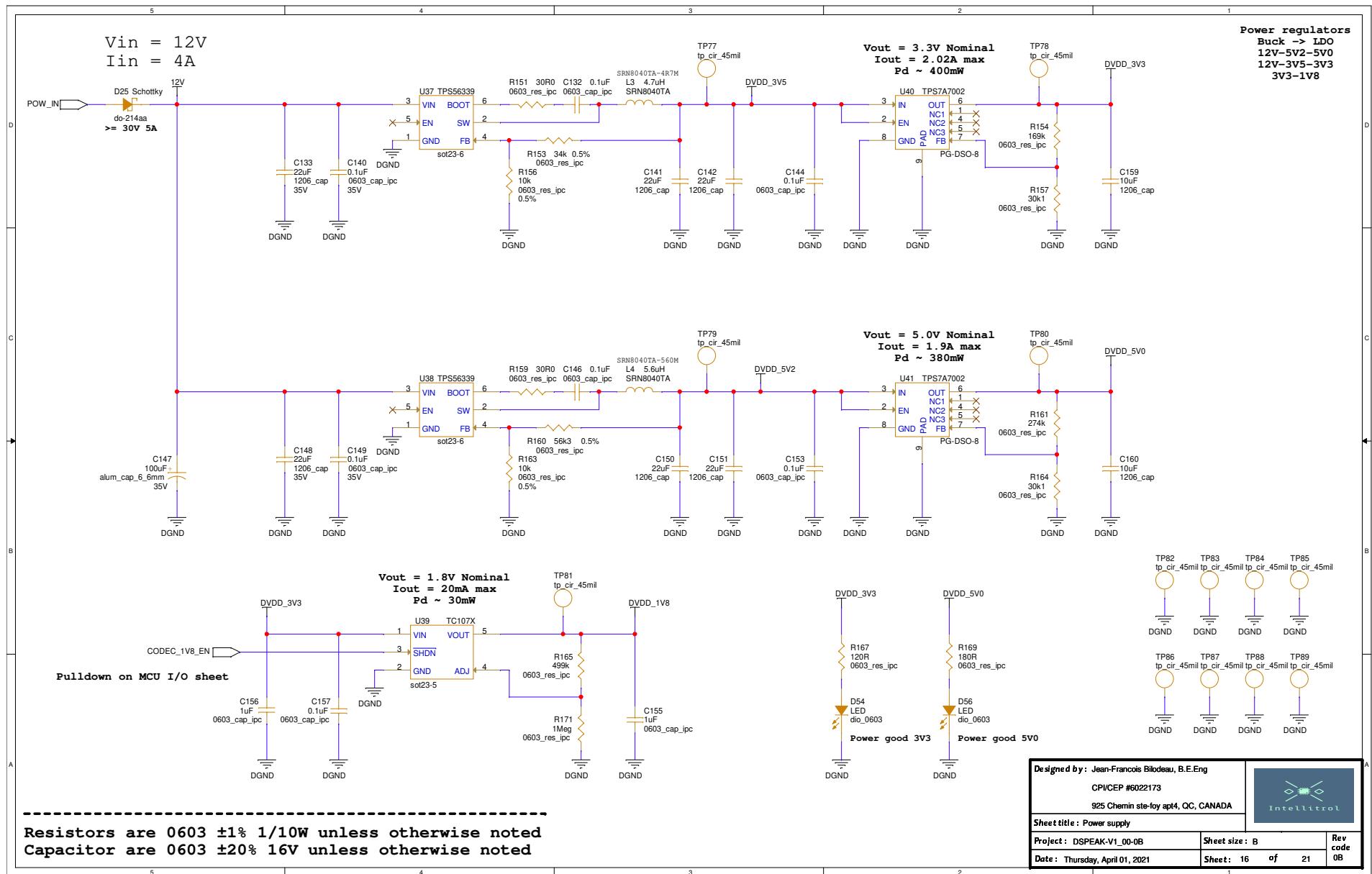
Date: Thursday, April 01, 2021

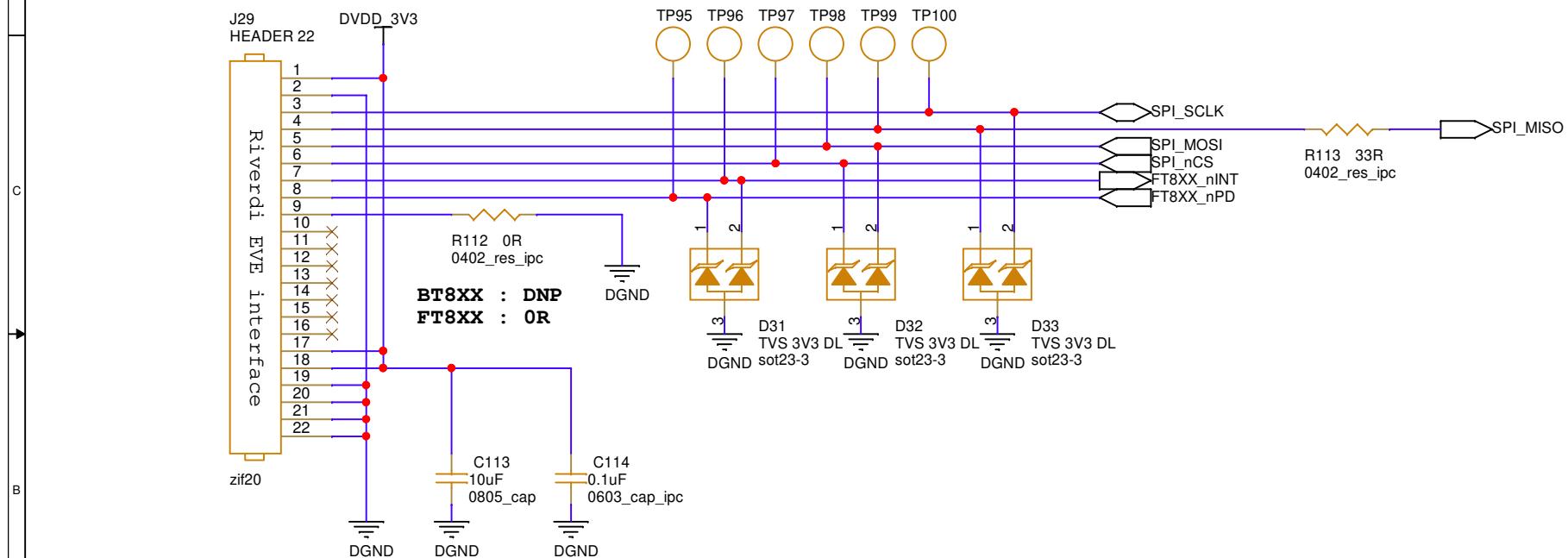


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Sheet title : Riverdi TFT LCD EVE interface



Resistors are 0603 ±1% 1/10W unless otherwise noted
Capacitor are 0603 ±20% 16V unless otherwise noted

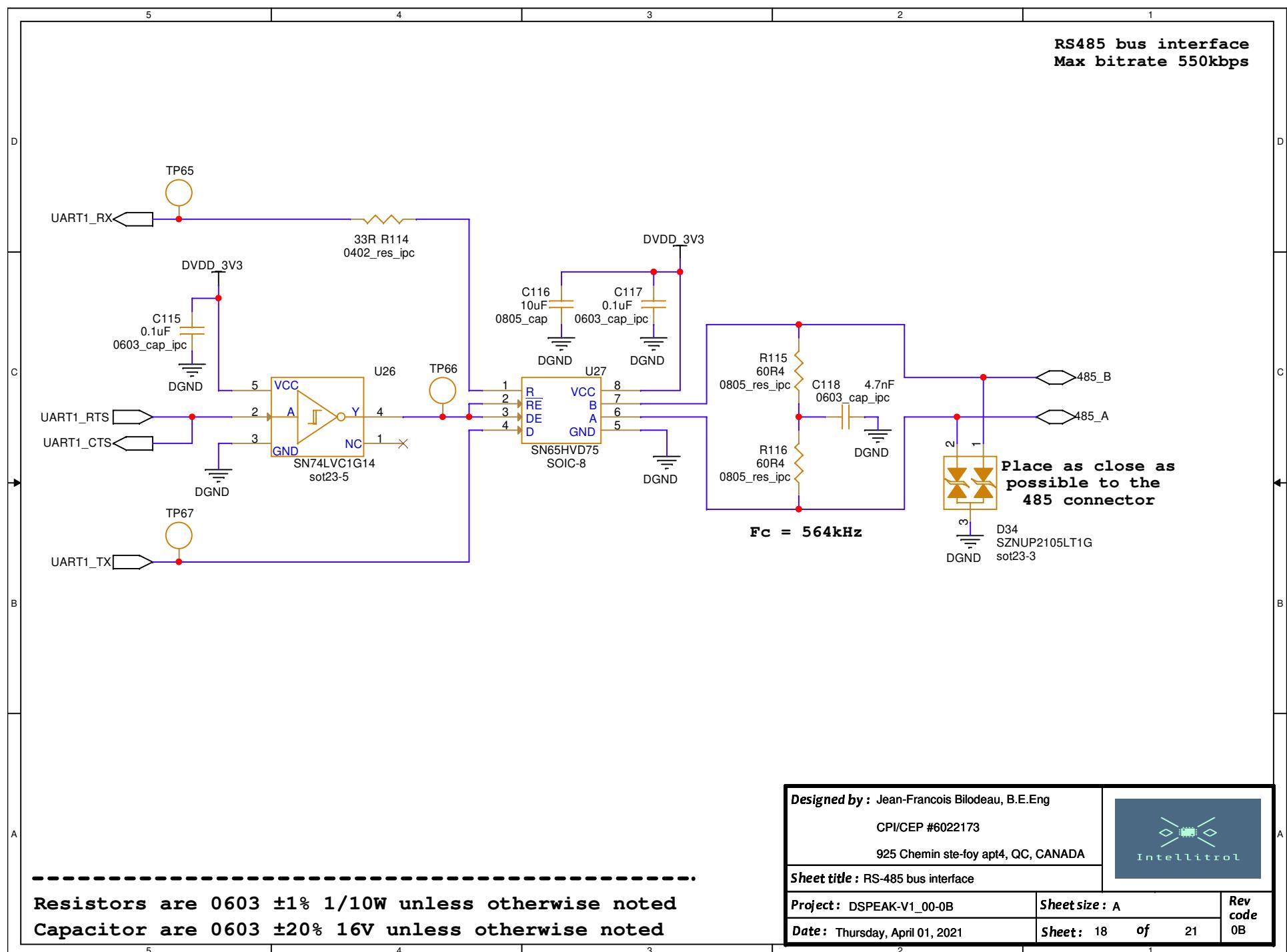
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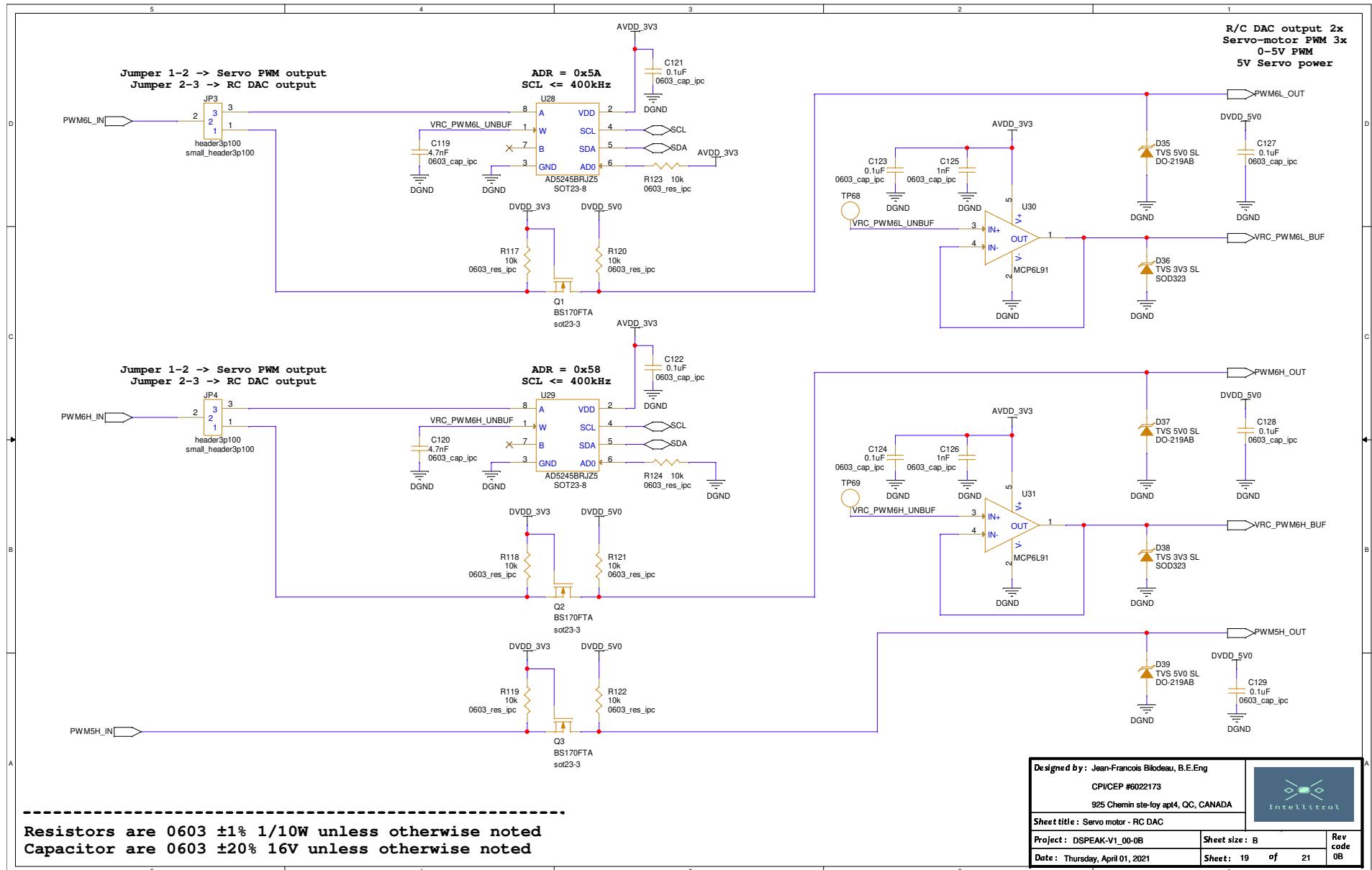
Date: Thursday, April 01, 2021

Sheet size : A

Sheet: 17 of 21

Rev code
0B





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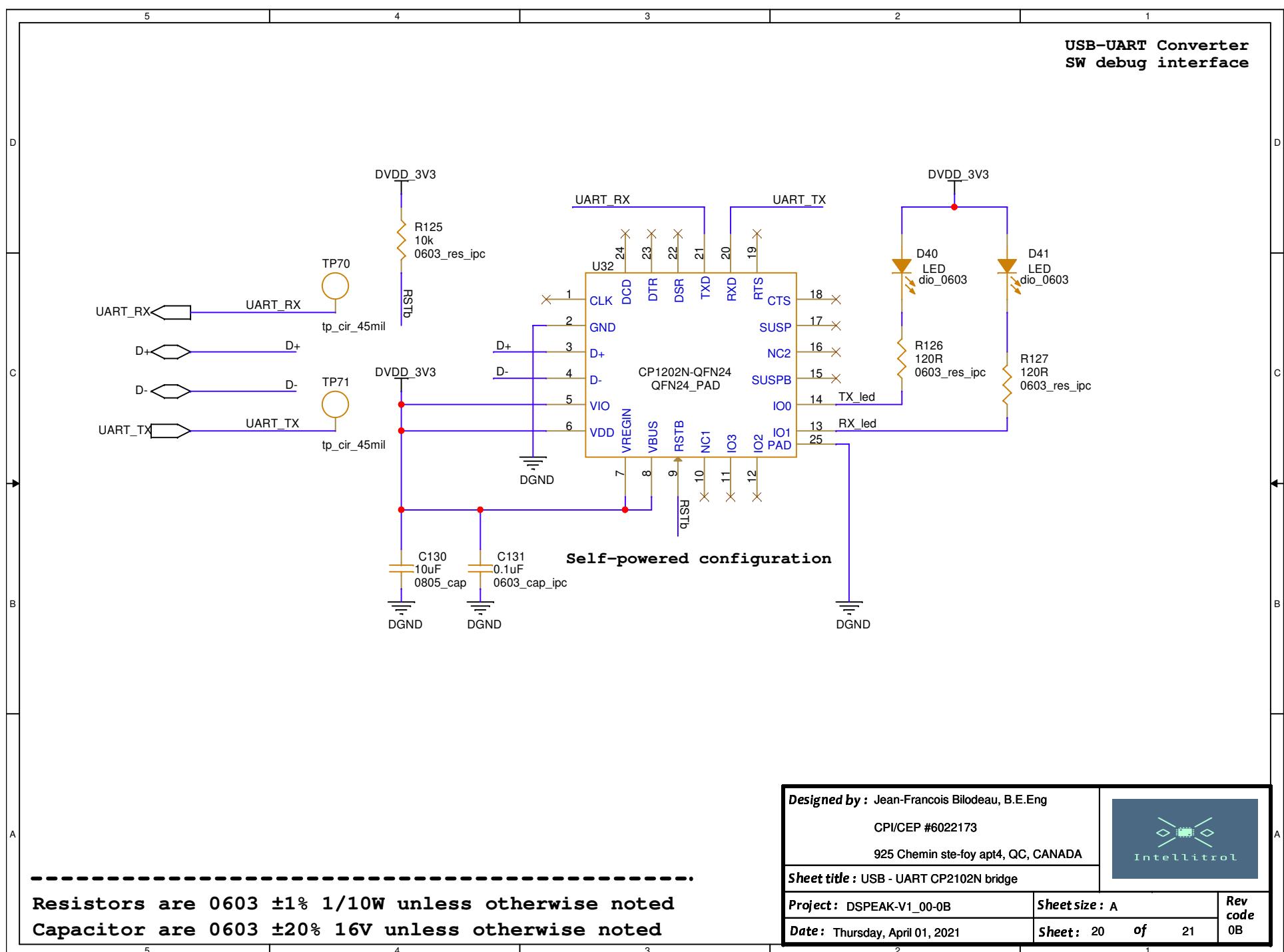
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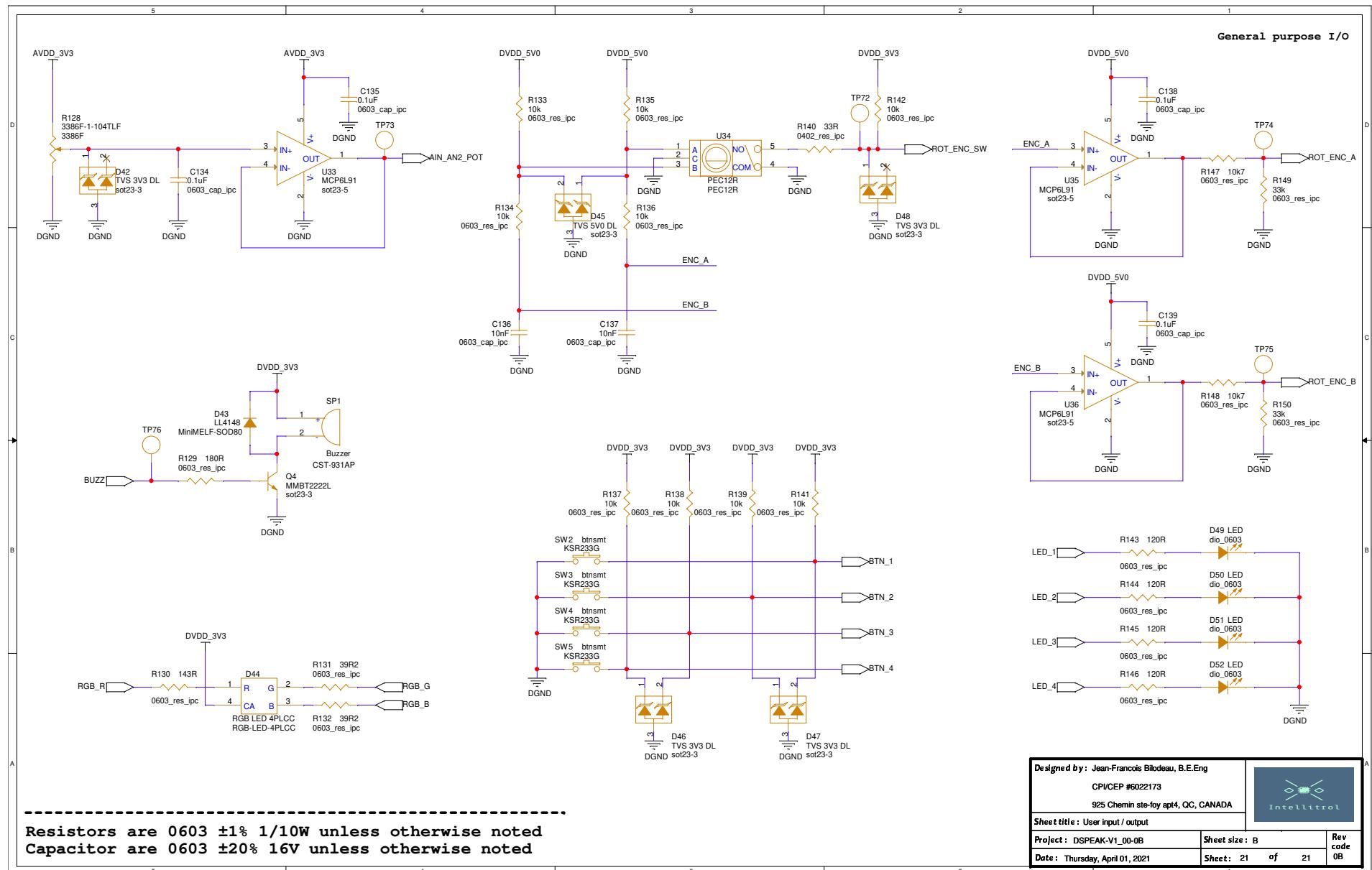
Sheet title: Servo motor - RC DAC

Project : DSPEAK-V1_00-0B

Sheet size : B	Rev code
Date : Thursday, April 01, 2021	Sheet: 19 of 21







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Sheet title : User input / output

Project : DSPEAK-V1_00-08

Sheet size : B

Date : Thursday, April 01, 2021

Sheet: 21 of 21

Rev code
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