

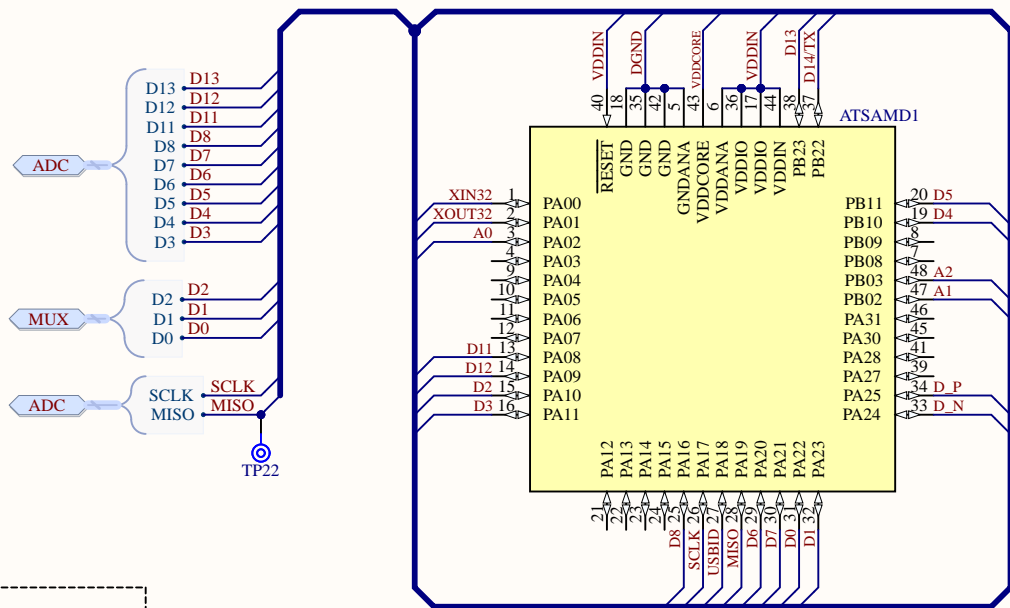
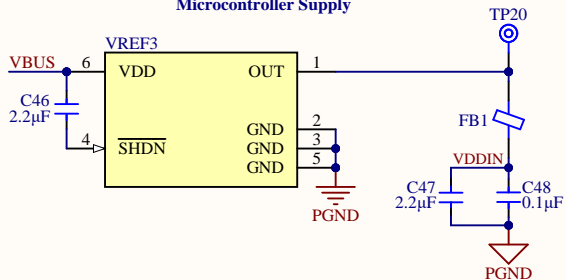
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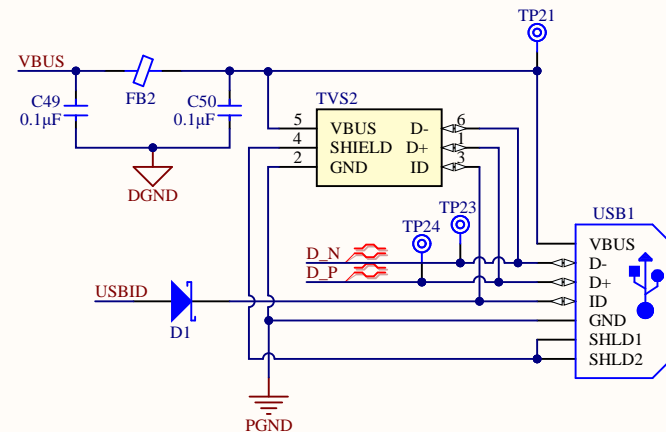
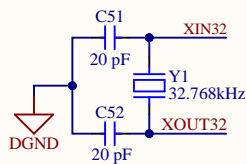
3

4

Microcontroller Supply



Crystal Oscillator



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Faculté des sciences et de génie
Département de physique,
de génie physique et d'optique

DRAWN BY

Maxime Tousignant-Tremblay

COURSE ID

GPH-3110

ID NUMBER

536 772 369

IDUL

MATOT9

TITLE

Processing interface

DATE

2023-03-17

DRAWING NO

1

UNITS

mm

REV

*

SHEET 1 OF 5

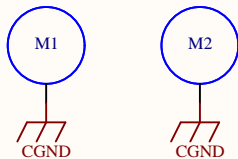
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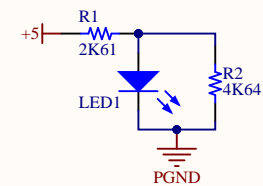
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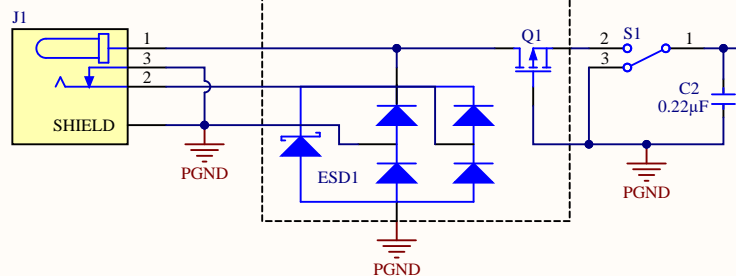
Chassis Mounts



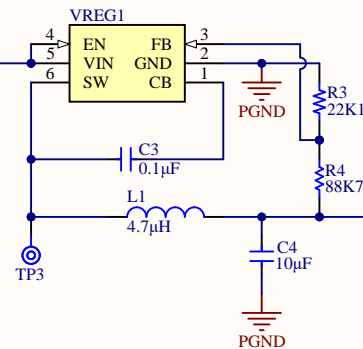
Power Good



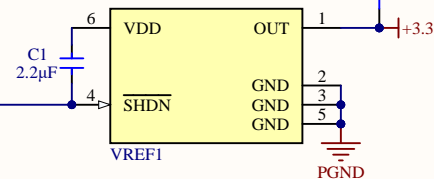
ESD & Reverse polarity protection



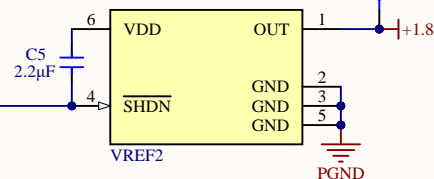
5V Switching Power Supply



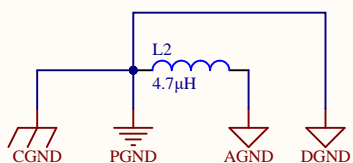
ADC Vref and thermistors supply



ADC Analog Input supply



Grounds Connections



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IDUL

MATOT9

TITLE

Power Supply Unit

DATE

2023-03-17

DRAWING NO

2

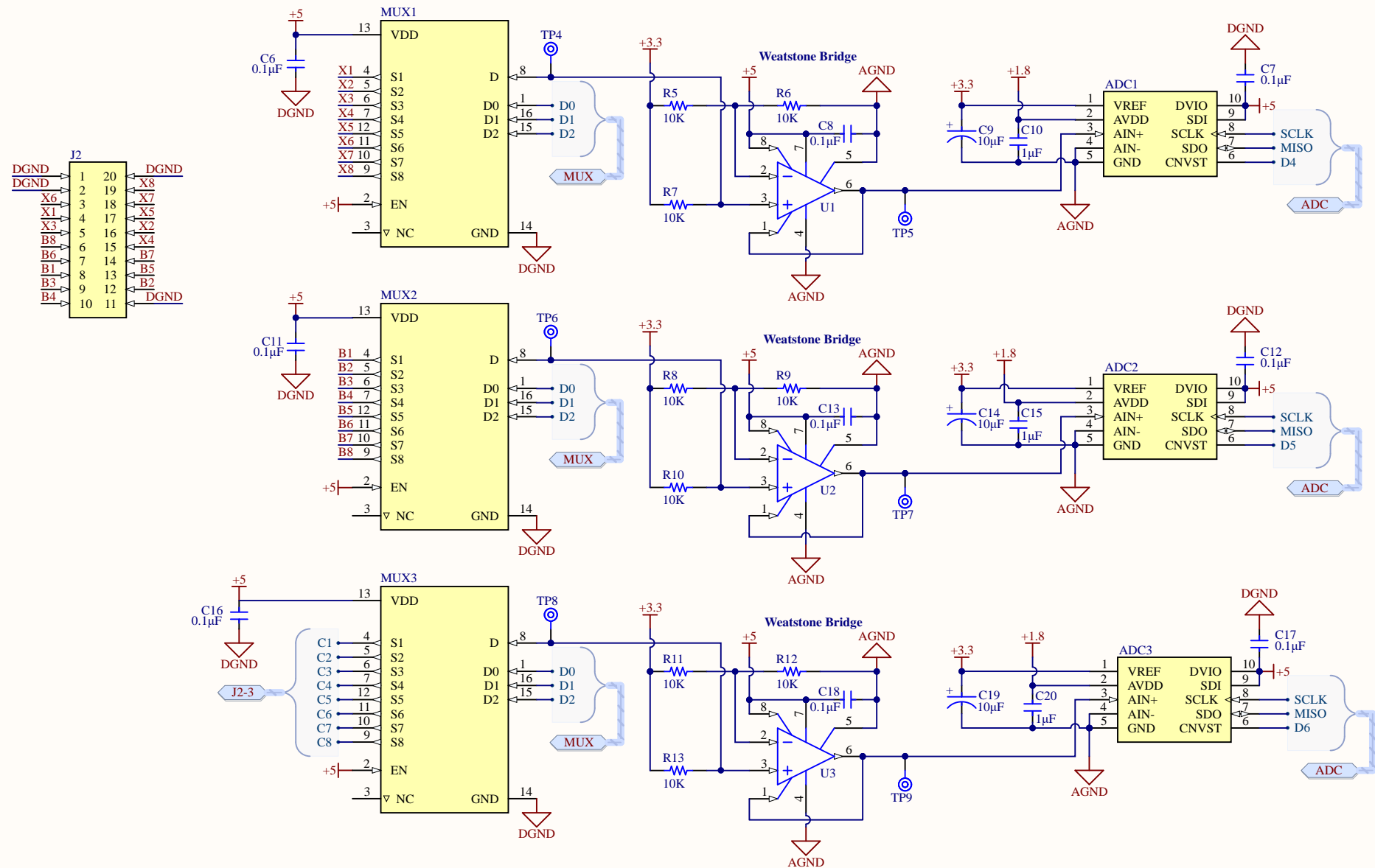
UNITS

mm

REV

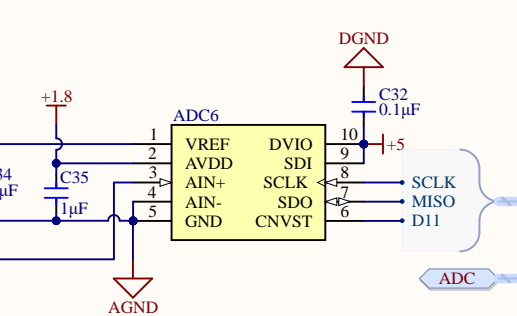
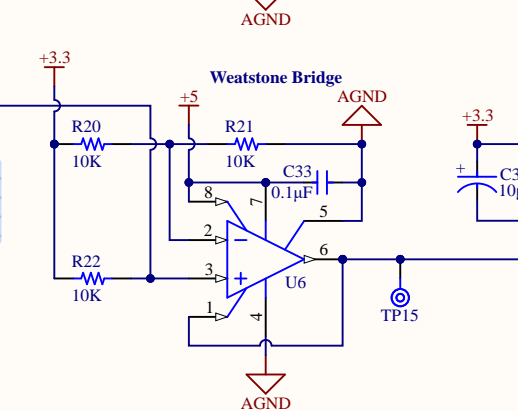
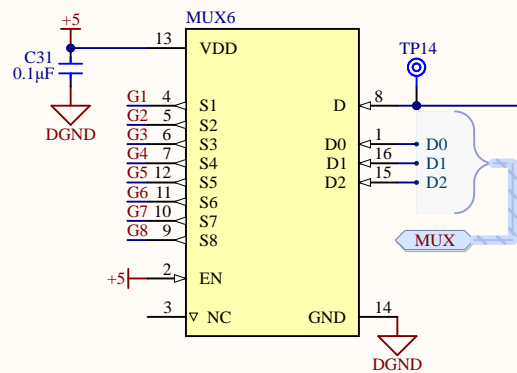
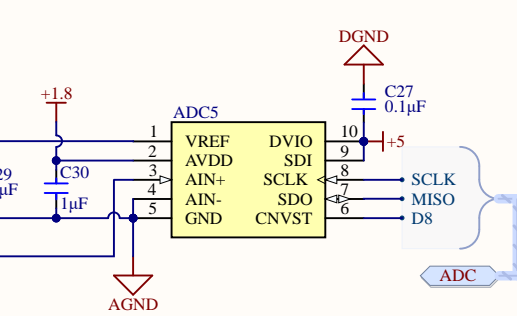
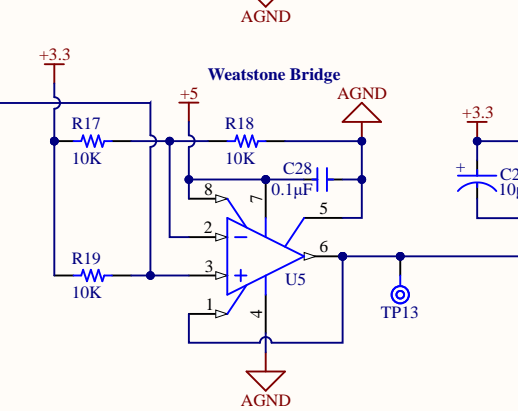
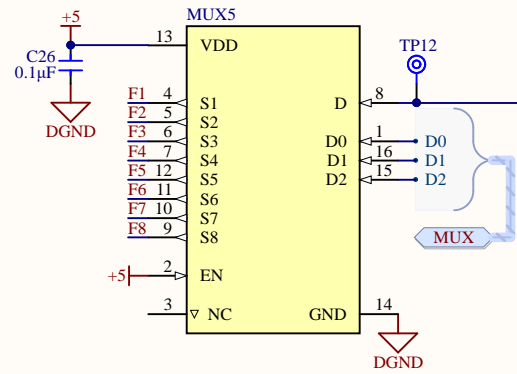
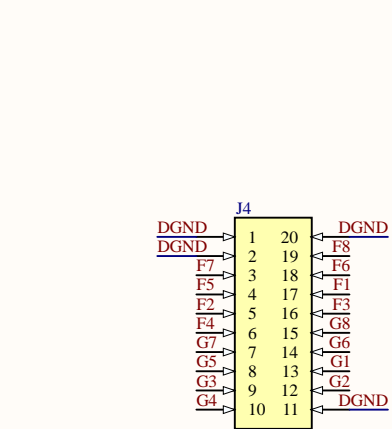
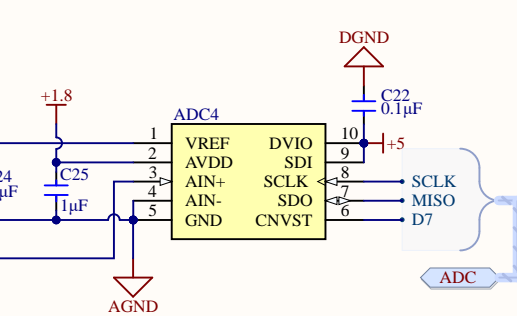
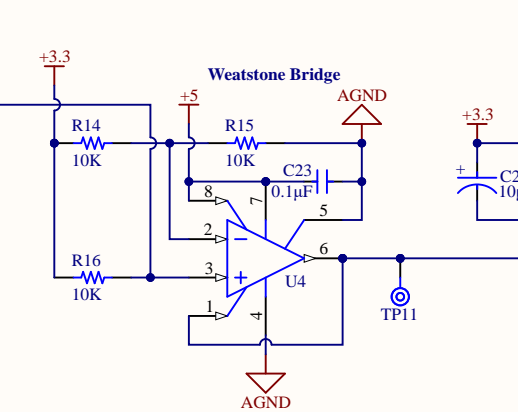
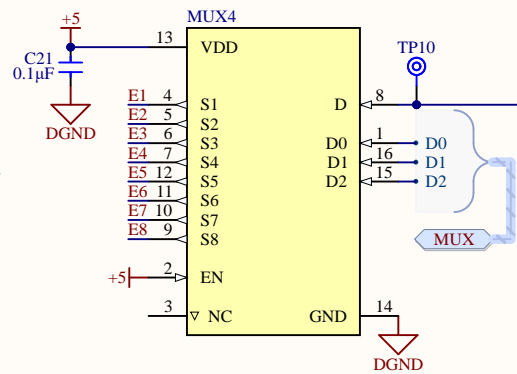
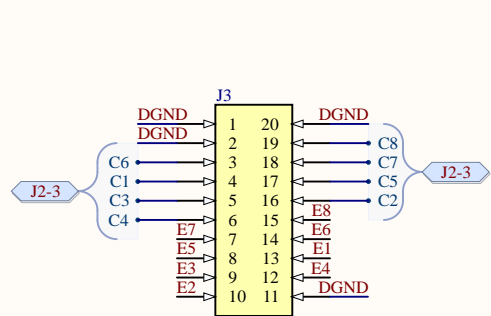
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SHEET 2 OF 5



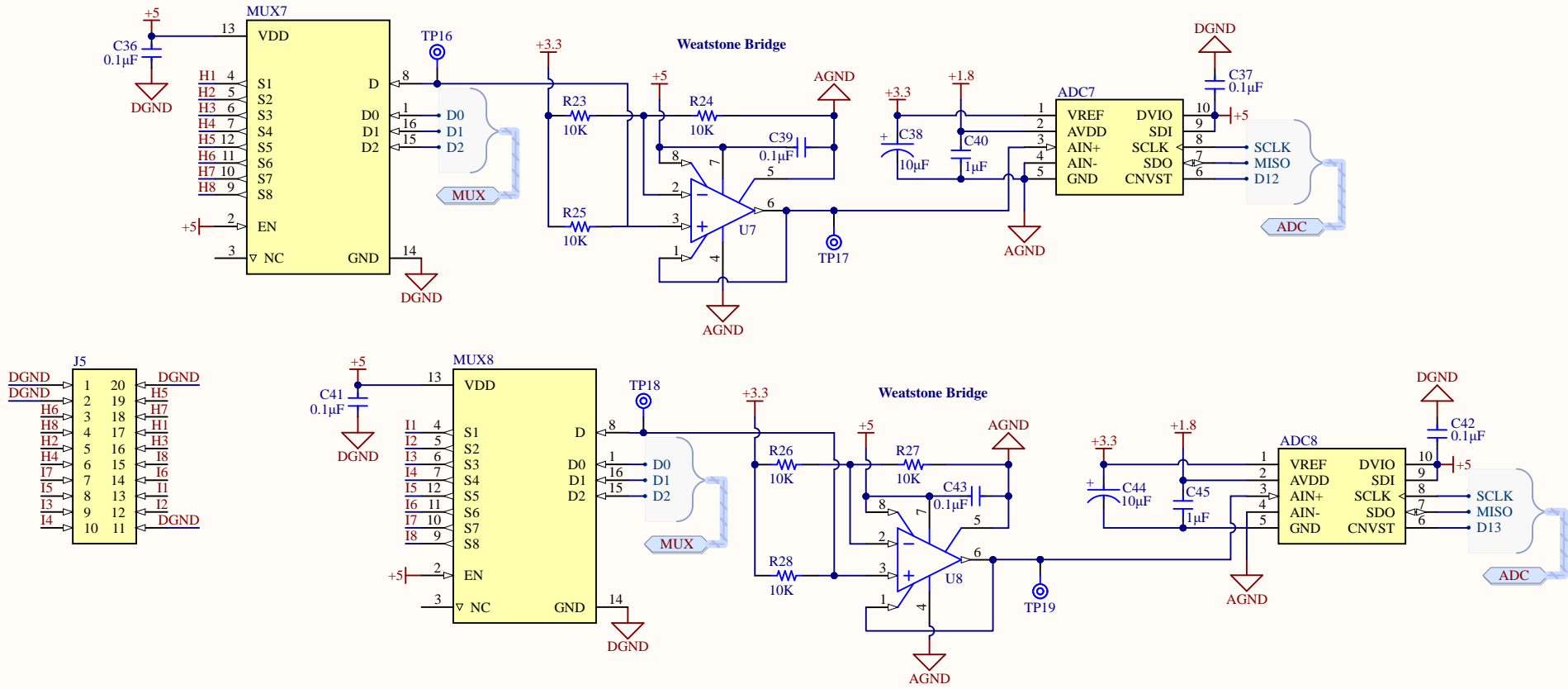
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Département de physique,
de génie physique et d'optique


DRAWN BY Maxime Tousignant-Tremblay		COURSE ID GPH-3110		
ID NUMBER 536 772 369	IDUL MATOT9	TITLE Wheatstone bridge part I		
DATE 2023-03-17	DRAWING NO 3	UNITS mm	REV 1	SHEET 3 OF 5



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DRAWN BY Maxime Tousignant-Tremblay		COURSE ID GPH-3110		
ID NUMBER 536 772 369	IDUL MATOT9	TITLE Wheatstone bridge part II		
DATE 2023-03-17	DRAWING NO 4	UNITS mm	REV 1	SHEET 4 OF 5



 UNIVERSITÉ LAVAL	Faculté des sciences et de génie Département de physique, de génie physique et d'optique	DRAWN BY Maxime Tousignant-Tremblay		COURSE ID GPH-3110		
		ID NUMBER 536 772 369	IDUL MATOT9	TITLE Wheatstone bridge part III		
		DATE 2023-03-17	DRAWING NO 5	UNITS mm	REV 1	SHEET 5 OF 5

