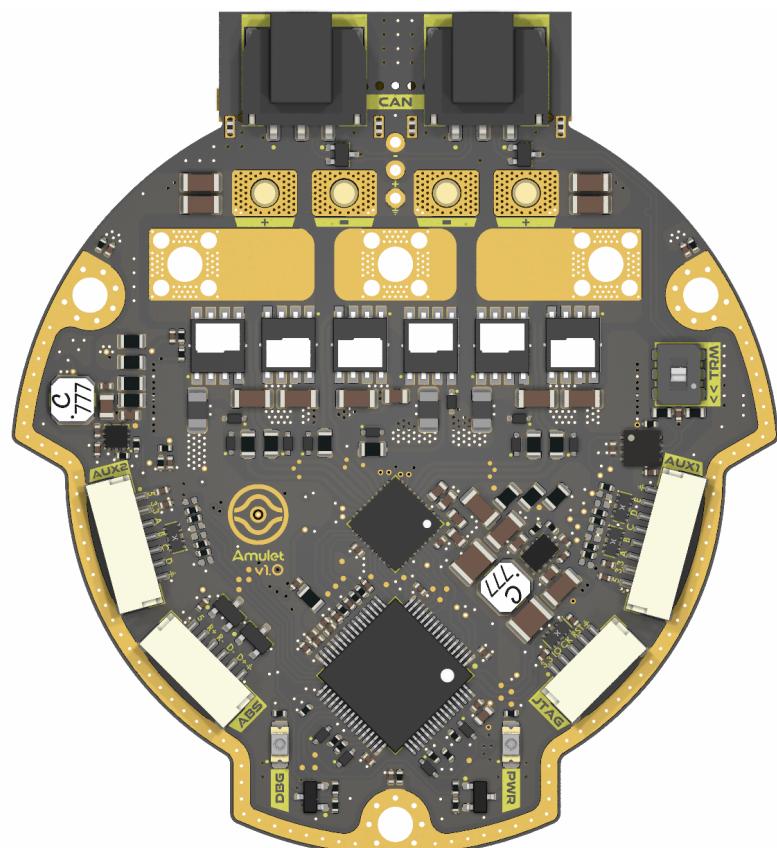
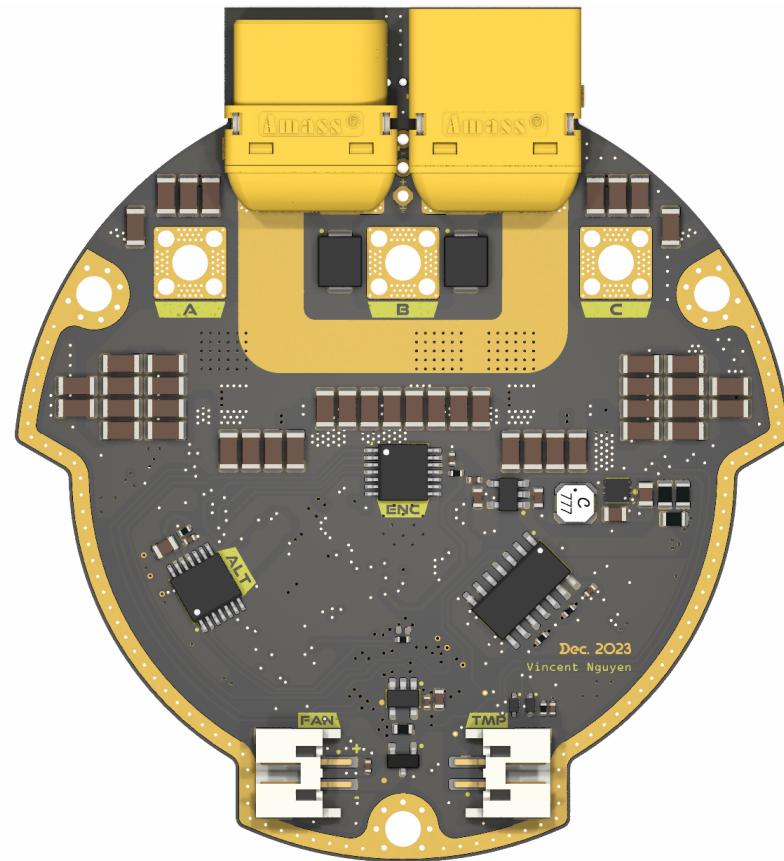


**Top view****Bottom view**

A

B

C

D

A

B

C

D

		Comments:	Company: EPFL Xplore Research	 Variant: Preliminary
		Board Name: <b>Amulet Motion Controller</b>		Project Name: <b>Chienpanzé</b>
		Sheet Title: Amulet Motion Controller Assembly	File Name: amulet_controller.kicad_pcb	Designer: Vincent Nguyen
		Sheet Path:		Date: 2023-12-16 Revision: 1.0
		Reviewer:		Size: <b>A4</b> Sheet: <b>1</b> of <b>1</b>

A

A

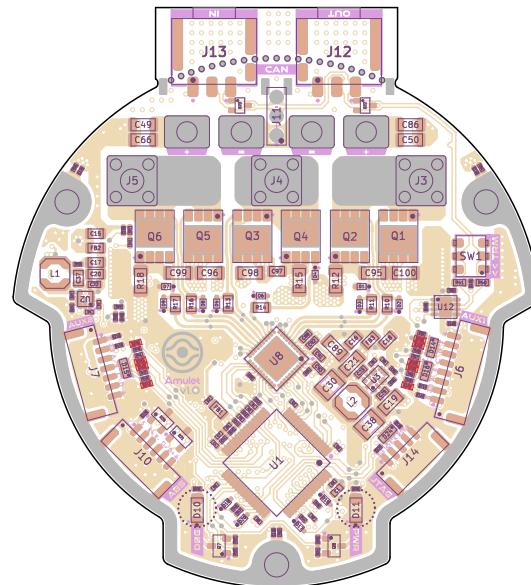
## Assembly TOP of Amulet Motion Controller Variant: Preliminary

B

B

C

C



Copper (2oz, 70um)  
Prepreg (7628, 0.18mm)  
Copper (1oz, 35um)  
Core (0.4mm)  
Copper (1oz, 35um)  
Prepreg (7628, 0.18mm)  
Copper (1oz, 35um)  
Core (0.4mm)  
Copper (1oz, 35um)  
Prepreg (7628, 0.18mm)  
Copper (2oz, 70um)

1.62 mm

		Comments:	Company: <b>EPFL Xplore Research</b> 	Variant: Preliminary
			Board Name: <b>Amulet Motion Controller</b>	Project Name: <b>Chienpanzé</b>
D		Sheet Title: Amulet Motion Controller Assembly	File Name: amulet_controller.kicad_pcb	Designer: Vincent Nguyen
			Date: 2023-12-16	Revision: 1.0
		Sheet Path:	Reviewer:	Size: <b>A4</b> Sheet: <b>1</b> of <b>1</b>

A

A

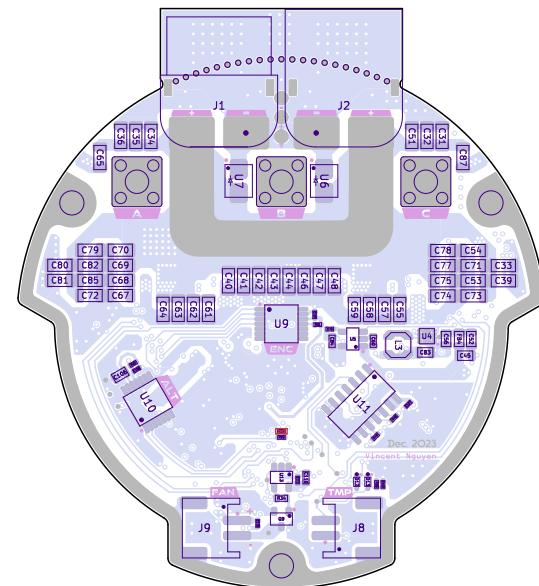
B

B

C

C

# Assembly BOTTOM of Amulet Motion Controller Variant: Preliminary



Comments:	Company: <b>EPFL Xplore Research</b>		Variant: Preliminary	
	Board Name: <b>Amulet Motion Controller</b>		Project Name: <b>Chienpanzé</b>	
	Sheet Title: Amulet Motion Controller Assembly	File Name: amulet_controller.kicad_pcb	Designer: Vincent Nguyen	Date: 2023-12-16      Revision: 1.0
Sheet Path:	Reviewer:		Size: <b>A4</b>	Sheet: <b>1</b> of <b>1</b>

A

B

C

D

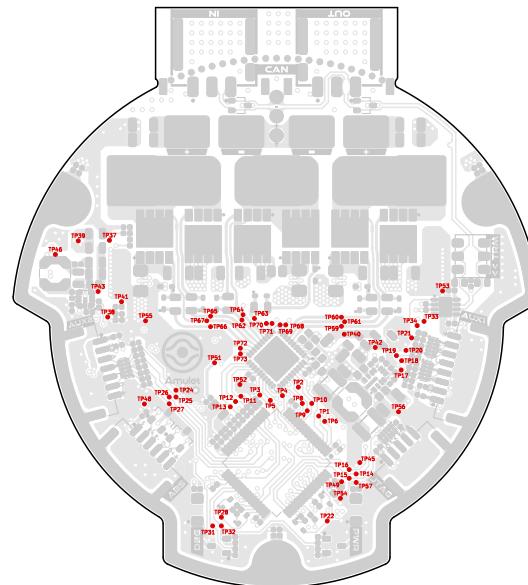
A

B

C

D

**Front Test Points of Amulet Motion Controller**  
Variant: Preliminary



A

A

B

B

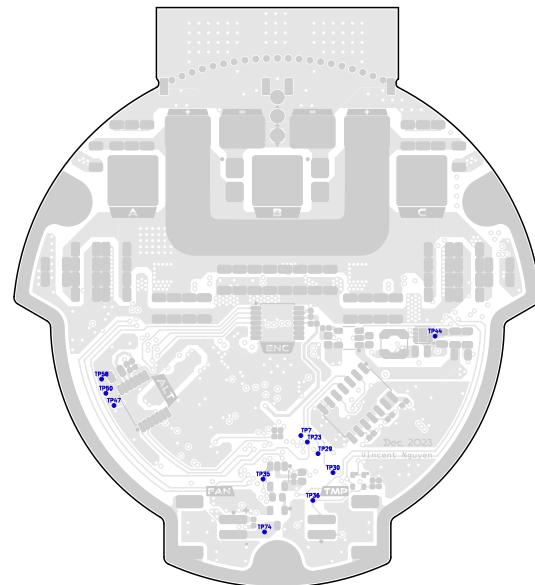
C

C

D

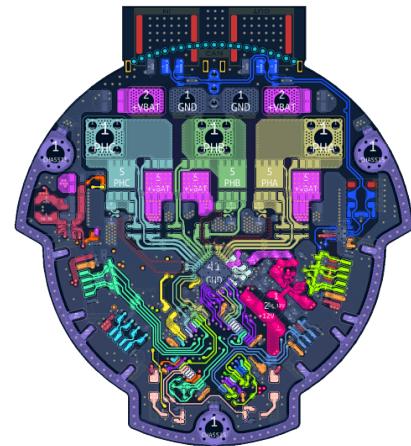
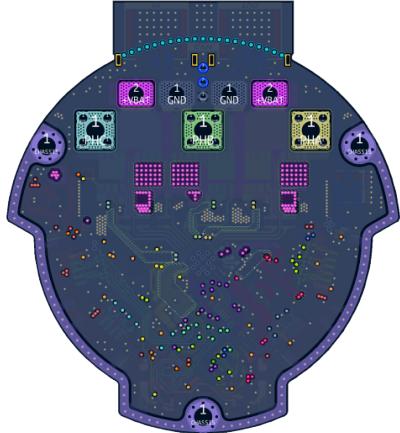
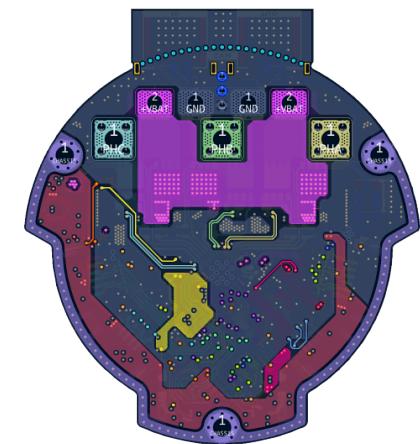
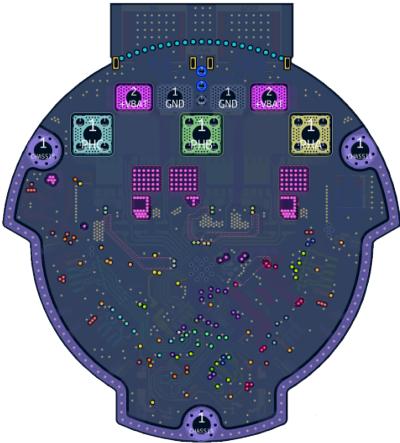
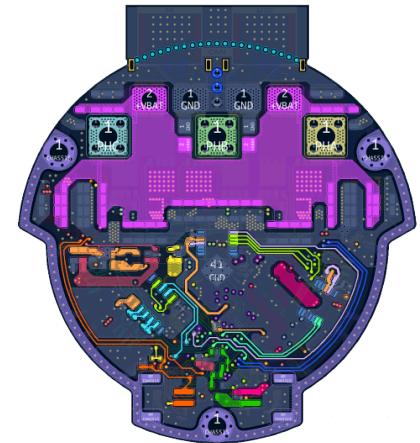
D

**Back Test Points of Amulet Motion Controller**  
Variant: Preliminary



	Comments:	Company: <b>EPFL Xplore Research</b>	Variant: <b>Preliminary</b>
	Board Name: <b>Amulet Motion Controller</b>	Project Name: <b>Chienpanzé</b>	
	Sheet Title: Amulet Motion Controller Assembly	File Name: amulet_controller.kicad_pcb	Designer: Vincent Nguyen
	Sheet Path:	Reviewer:	Date: 2023-12-16      Revision: 1.0
			Size: <b>A4</b> Sheet: <b>1</b> of <b>1</b>

1 2 3 4 5 6

**Layer 1 (SIG/PWR)****Layer 2 (GND)****Layer 3 (SIG/PWR)****Layer 4 (SIG/PWR)****Layer 5 (GND)****Layer 6 (SIG/PWR)**

A

B

C

D

A

B

C

D

1 2 3 4 5 6

	Comments:	Company: EPFL Xplore Research	Variant: Preliminary
	Board Name: <b>Amulet Motion Controller</b>		Project Name: <b>Chienpanzé</b>
	Sheet Title: Amulet Motion Controller Assembly	File Name: amulet_controller.kicad_pcb	Designer: Vincent Nguyen
	Sheet Path:	Reviewer:	Date: 2023-12-16 Revision: 1.0
		Size: A4	Sheet: 1 of 1

A

A

B

B

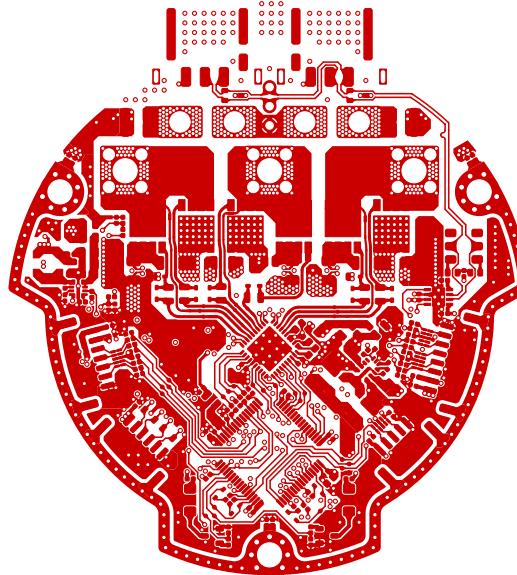
C

C

D

D

### Layer 1 (SIG/PWR)



	Comments:	Company: EPFL Xplore Research	Variant: Preliminary
	Board Name: <b>Amulet Motion Controller</b>	Project Name: <b>Chienpanzé</b>	
	Sheet Title: Amulet Motion Controller Assembly	File Name: amulet_controller.kicad_pcb	Designer: Vincent Nguyen
	Sheet Path:	Reviewer:	Size: <b>A4</b> Sheet: <b>1</b> of <b>1</b>

A

A

B

B

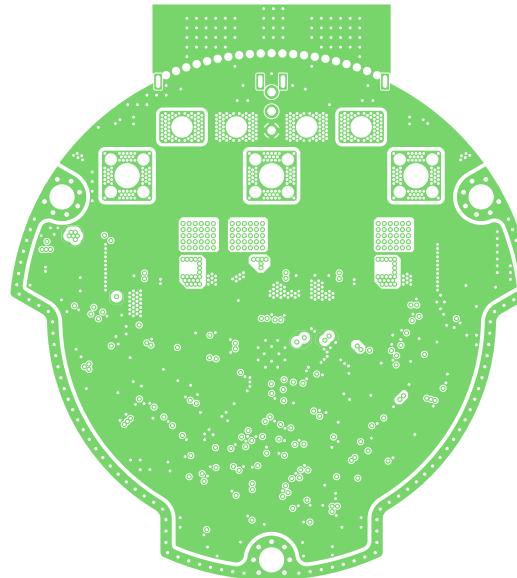
C

C

D

D

## Layer 2 (GND)



		Comments:	Company: <b>EPFL Xplore Research</b>	Variant: Preliminary
		Board Name: <b>Amulet Motion Controller</b>	Project Name: <b>Chienpanzé</b>	
		Sheet Title: Amulet Motion Controller Assembly	File Name: amulet_controller.kicad_pcb	Designer: Vincent Nguyen
		Sheet Path:		Reviewers: <b>A4</b> Sheet: <b>1</b> of <b>1</b>

A

A

B

B

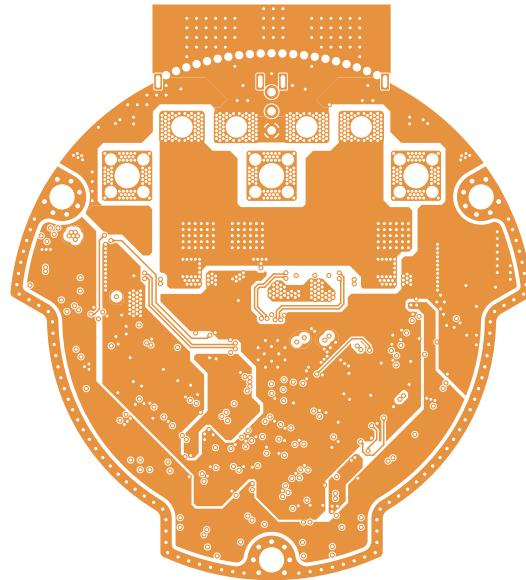
C

C

D

D

### Layer 3 (SIG/PWR)



	Comments:	Company: <b>EPFL Xplore Research</b>	Variant: Preliminary
	Board Name: <b>Amulet Motion Controller</b>	Project Name: <b>Chienpanzé</b>	
	Sheet Title: Amulet Motion Controller Assembly	File Name: amulet_controller.kicad_pcb	Designer: Vincent Nguyen
	Sheet Path:	Reviewer:	Date: 2023-12-16 Revision: 1.0
			Size: <b>A4</b> Sheet: <b>1</b> of <b>1</b>

A

A

B

B

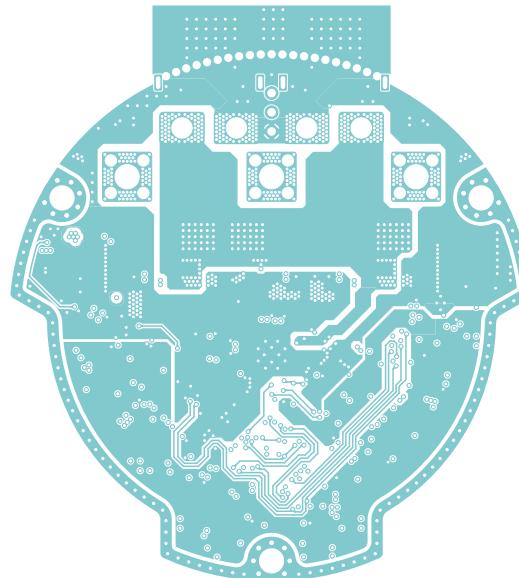
C

C

D

D

## Layer 4 (SIG/PWR)



		Comments:	Company: <b>EPFL Xplore Research</b>	Variant: Preliminary
		Board Name: <b>Amulet Motion Controller</b>	Project Name: <b>Chienpanzé</b>	
		Sheet Title: Amulet Motion Controller Assembly	File Name: amulet_controller.kicad_pcb	Designer: Vincent Nguyen
		Sheet Path:		Review: <b>A4</b> of <b>1</b>

A

A

B

B

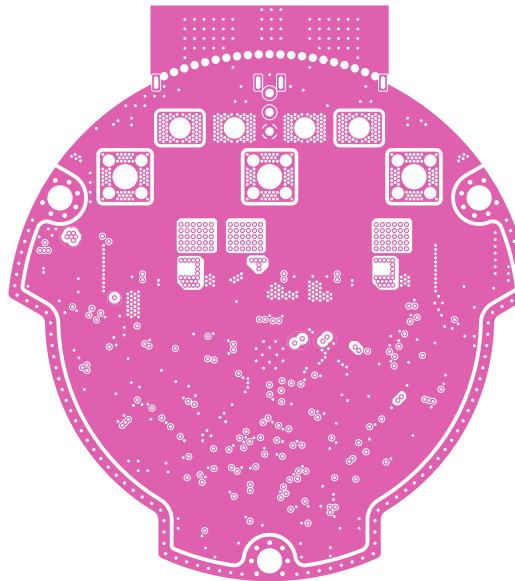
C

C

D

D

## Layer 5 (GND)



		Comments:	Company: <b>EPFL Xplore Research</b>	Variant: Preliminary
		Board Name: <b>Amulet Motion Controller</b>	Project Name: <b>Chienpanzé</b>	
		Sheet Title: Amulet Motion Controller Assembly	File Name: amulet_controller.kicad_pcb	Designer: Vincent Nguyen
		Sheet Path:		Review: <b>A4</b> of <b>1</b>

A

A

B

B

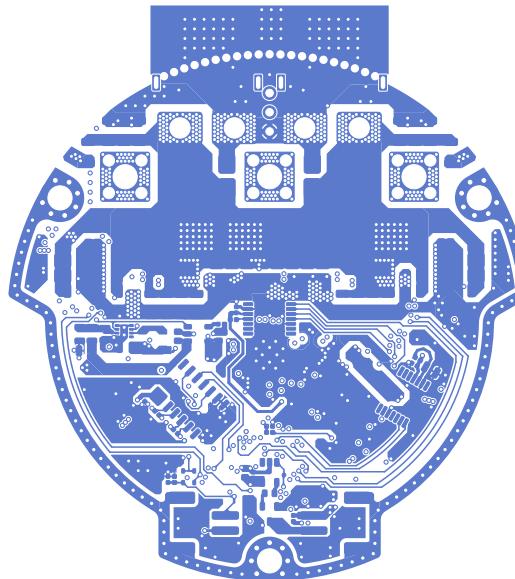
C

C

D

D

## Layer 6 (SIG/PWR)



		Comments:	Company: EPFL Xplore Research	Variant: Preliminary
		Board Name: <b>Amulet Motion Controller</b>	Project Name: <b>Chienpanzé</b>	
		Sheet Title: Amulet Motion Controller Assembly	File Name: amulet_controller.kicad_pcb	Designer: Vincent Nguyen
		Sheet Path:		Reviewer:  <b>A4</b> Sheet: <b>1</b> of <b>1</b>