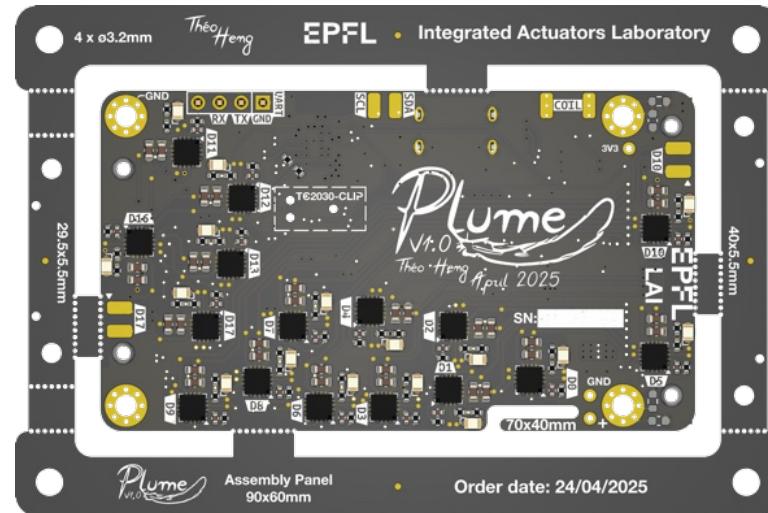


Plume Fabrication Document

Top View



Bottom View

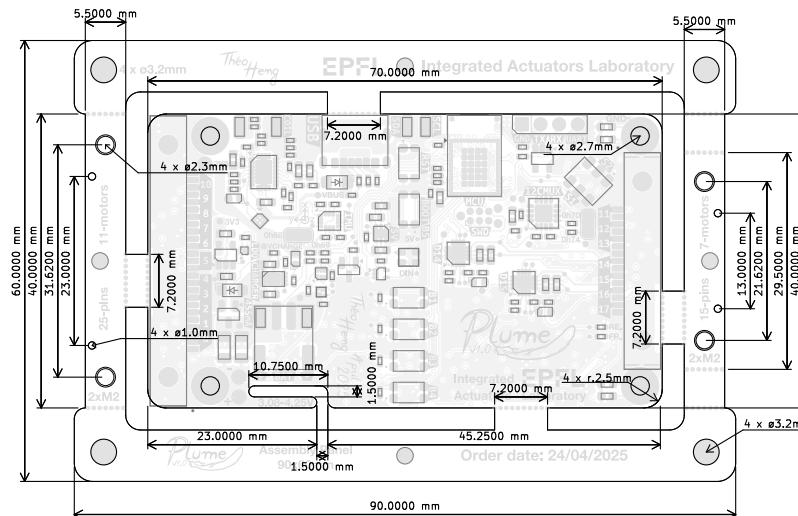


Comments: TITLE PAGE - Page 1/13	Company: Integrated Actuators Laboratory		Variant: Released	
	Board Name: Plume		Project Name: Smart Footwear for Diabetic Foot Care	
Sheet Title: Plume Fabrication Document	File Name: Plume.kicad_pcb	Designer: Théo Heng	Date: 2025-06-04	Revision: 1.1
Sheet Path: TITLE PAGE		Reviewer: Maël Dagon, Paolo Germano	Size: A4	Sheet: of 1

Plume Fabrication Document

Top Fabrication (Scale 1:1)

Layer Stack Legend



All dimensions are in millimeters unless otherwise specified.

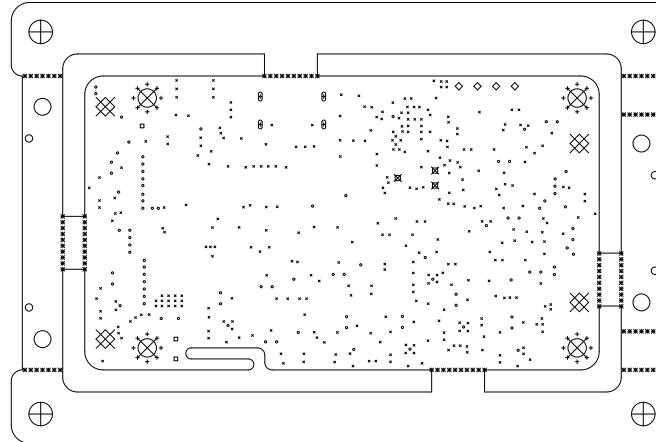
Comments: FABRICATION_TOP - Page 2/13	Company: Integrated Actuators Laboratory		Variant: Released
	Board Name: Plume		Project Name: Smart Footwear for Diabetic Foot Care
Sheet Title: Plume Fabrication Document	File Name: Plume.kicad_pcb	Designer: Théo Heng	Date: 2025-06-04
Sheet Path: FABRICATION_TOP		Reviewer: Maël Dagon, Paolo Germano	Size: A4 Sheet: of 1

Plume Fabrication Document

Drill Drawing (Top View) (Scale 1:1)

A

Symbol	Count	Hole Size	Plated
*	349	0.25mm	Plated
.	89	0.30mm	Plated
•	32	0.50mm	Plated
▫	3	0.70mm	Plated
◊	4 (slot)	1.00mm	Plated
☒	4	2.50mm	Plated
*■	102	0.5mm	Unplated
☒■	3	0.991mm	Unplated
☒■	4	2.54mm	Unplated
☒■	4	3.2mm	Unplated



B

B

C

C

D

D

Comments: DRILL_DRAWING - Page 3/13	Company: Integrated Actuators Laboratory	Variant: Released
Board Name: Plume	EPFL <i>Plume</i>	Project Name: Smart Footwear for Diabetic Foot Care
Sheet Title: Plume Fabrication Document	File Name: Plume.kicad_pcb	Date: 2025-06-04 Revision: 1.1
Sheet Path: DRILL_DRAWING	Reviewer: Maël Dagon, Paolo Germano	Size: A4 Sheet: of 1

Plume Fabrication Document

L1 - (Scale 1:1)

A

A

B

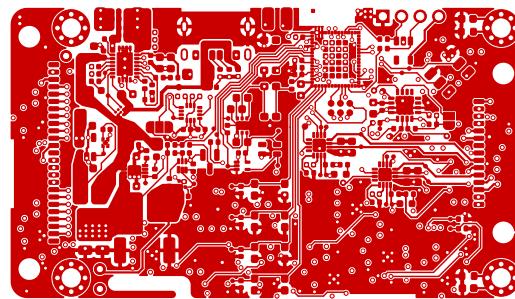
B

C

C

D

D



Comments: L1 - Page 4/13	Company: Integrated Actuators Laboratory	Variant: Released
Board Name: Plume	EPFL  	Project Name: Smart Footwear for Diabetic Foot Care
Sheet Title: Plume Fabrication Document	File Name: Plume.kicad_pcb	Designer: Théo Heng Date: 2025-06-04 Revision: 1.1
Sheet Path: L1	Reviewer: Maël Dagon, Paolo Germano	Size: A4 Sheet: of 1

Plume Fabrication Document

L2 - (Scale 1:1)

A

A

B

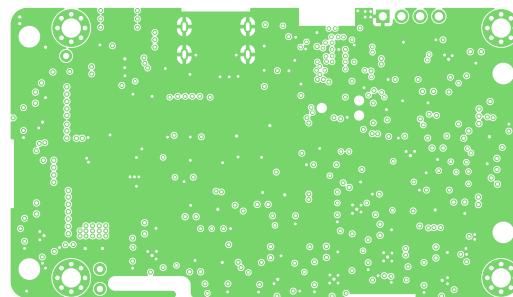
B

C

C

D

D



Comments: L2 - Page 5/13	Company: Integrated Actuators Laboratory	Variant: Released
	Board Name: Plume	Project Name: EPFL <i>Plume</i> Smart Footwear for Diabetic Foot Care
Sheet Title: Plume Fabrication Document	File Name: Plume.kicad_pcb	Designer: Théo Heng Date: 2025-06-04 Revision: 1.1
Sheet Path: L2	Reviewer: Maël Dagon, Paolo Germano	Size: A4 Sheet: of 1

Plume Fabrication Document

L3 - (Scale 1:1)

A

A

B

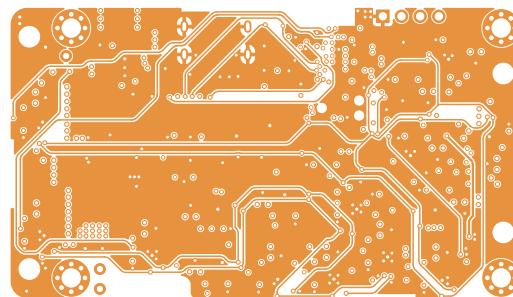
B

C

C

D

D



Comments: L3 - Page 6/13	Company: Integrated Actuators Laboratory	Variant: Released
Board Name: Plume	EPFL  	Project Name: Smart Footwear for Diabetic Foot Care
Sheet Title: Plume Fabrication Document	File Name: Plume.kicad_pcb	Designer: Théo Heng Date: 2025-06-04 Revision: 1.1
Sheet Path: L3	Reviewer: Maël Dagon, Paolo Germano	Size: A4 Sheet: of 1

Plume Fabrication Document

L4 - (Scale 1:1)

A

A

B

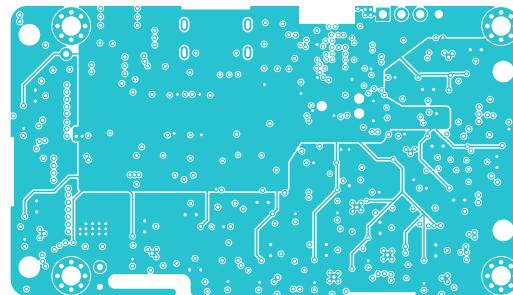
B

C

C

D

D



Comments: L4 - Page 7/13	Company: Integrated Actuators Laboratory	Variant: Released
Sheet Title: Plume Fabrication Document	Board Name: Plume	Project Name: EPFL <i>Plume</i> Smart Footwear for Diabetic Foot Care
Sheet Path: L4	File Name: Plume.kicad_pcb	Designer: Théo Heng
	Reviewer: Maël Dagon, Paolo Germano	Date: 2025-06-04 Revision: 1.1
		Size: A4 Sheet: of 1

Plume Fabrication Document

L5 - (Scale 1:1)

A

A

B

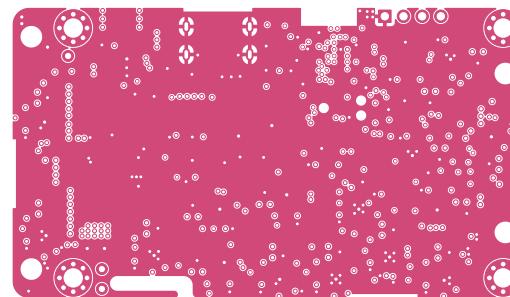
B

C

C

D

D



Comments: L5 - Page 8/13	Company: Integrated Actuators Laboratory	Variant: Released
Board Name: Plume	EPFL  	Project Name: Smart Footwear for Diabetic Foot Care
Sheet Title: Plume Fabrication Document	File Name: Plume.kicad_pcb	Designer: Théo Heng
Sheet Path: L5	Reviewer: Maël Dagon, Paolo Germano	Date: 2025-06-04 Revision: 1.1
		Size: A4 Sheet: of 1

Plume Fabrication Document

L6 - (Scale 1:1)

A

A

B

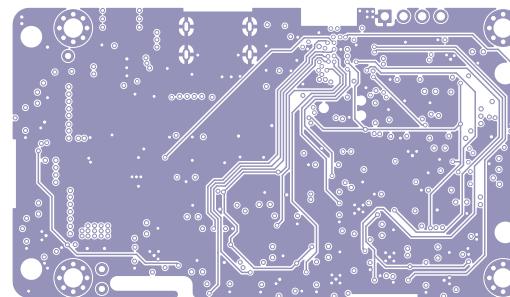
B

C

C

D

D



Comments: L6 - Page 9/13	Company: Integrated Actuators Laboratory	Variant: Released
Sheet Title: Plume Fabrication Document	Board Name: Plume	Project Name: EPFL <i>Plume</i> Smart Footwear for Diabetic Foot Care
Sheet Path: L6	File Name: Plume.kicad_pcb	Designer: Théo Heng
	Reviewer: Maël Dagon, Paolo Germano	Date: 2025-06-04 Revision: 1.1 Size: A4 Sheet: of 1

Plume Fabrication Document

L7 - (Scale 1:1)

A

A

B

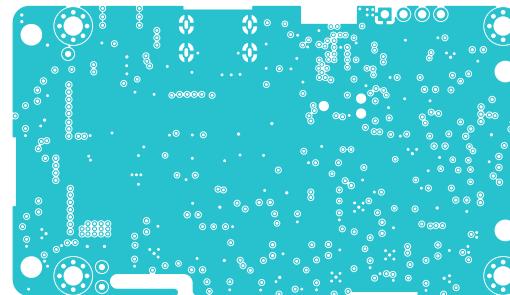
B

C

C

D

D



Comments: L7 - Page 10/13	Company: Integrated Actuators Laboratory	Variant: Released
	Board Name: Plume	Project Name: EPFL Smart Footwear for Diabetic Foot Care
Sheet Title: Plume Fabrication Document	File Name: Plume.kicad_pcb	Designer: Théo Heng
Sheet Path: L7	Reviewer: Maël Dagon, Paolo Germano	Date: 2025-06-04 Revision: 1.1
		Size: A4 Sheet: of 1

Plume Fabrication Document

L8 - (Scale 1:1)

A

A

B

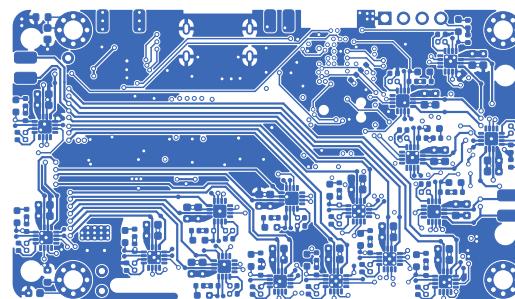
B

C

C

D

D

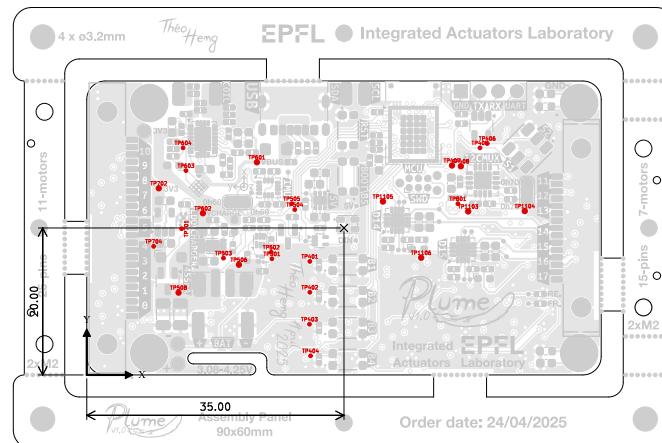


Comments: L8 - Page 11/13	Company: Integrated Actuators Laboratory	Variant: Released
Sheet Title: Plume Fabrication Document	Board Name: Plume	Project Name: Smart Footwear for Diabetic Foot Care
Sheet Path: L8	File Name: Plume.kicad_pcb	Designer: Théo Heng
	Reviewer: Maël Dagon, Paolo Germano	Date: 2025-06-04 Revision: 1.1
		Size: A4 Sheet: of 1

Plume Fabrication Document

Top Test Points (Scale 1:1)

Ref.	Net	X [mm]	Y [mm]
TP?	???	???	???
TP?	???	???	???
TP?	???	???	???



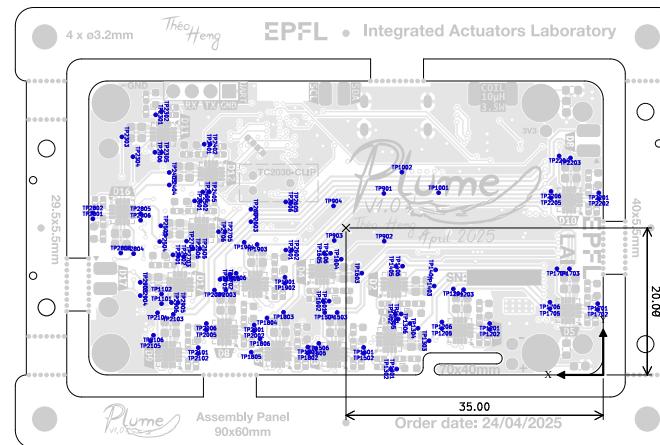
All dimensions are in millimeters unless otherwise specified.

Comments: TESTPOINTS_TOP - Page 12/13	Company: Integrated Actuators Laboratory	Variant: Released
Board Name: Plume	Project Name: Plume	EPFL
Sheet Title: Plume Fabrication Document	File Name: Plume.kicad_pcb	Designer: Théo Heng
Sheet Path: TESTPOINTS_TOP	Reviewer: Maël Dagon, Paolo Germano	Date: 2025-06-04
		Revision: 1.1
		Size: A4
		Sheet: of 1

Plume Fabrication Document

Bottom Test Points (Scale 1:1)

Ref.	Net	X [mm]	Y [mm]
TP?	???	???	???
TP?	???	???	???
TP?	???	???	???



All dimensions are in millimeters unless otherwise specified.

Comments: TESTPOINTS_BOT - Page 13/13	Company: Integrated Actuators Laboratory	Variant: Released
Board Name: Plume	Project Name: EPFL Plume	Smart Footwear for Diabetic Foot Care
Sheet Title: Plume Fabrication Document	File Name: Plume.kicad_pcb	Designer: Theo Heng
Sheet Path: TESTPOINTS_BOT	Reviewer: Maël Dagon, Paolo Germano	Date: 2025-06-04
		Revision: 1.1
		Size: A4
		Sheet: of 1