

BOARD CHARACTERISTICS

Copper Layer Count:4Board Thickness:1.5610 mm

Board overall dimensions:85.6000 mm x 54.0000 mm

Min track/spacing:0.1250 mm / 0.1250 mmMin hole diameter:0.2000 mm

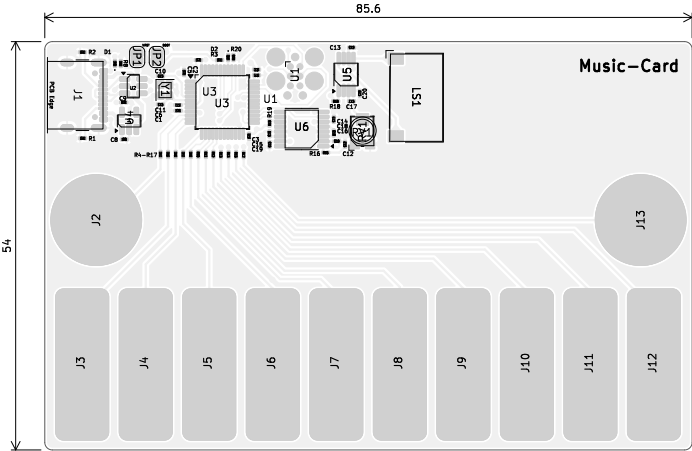
Copper Finish:HAL lead-freeImpedance Control:No

Castellated pads:NoPlated Board Edge:No

Edge card connectors:No

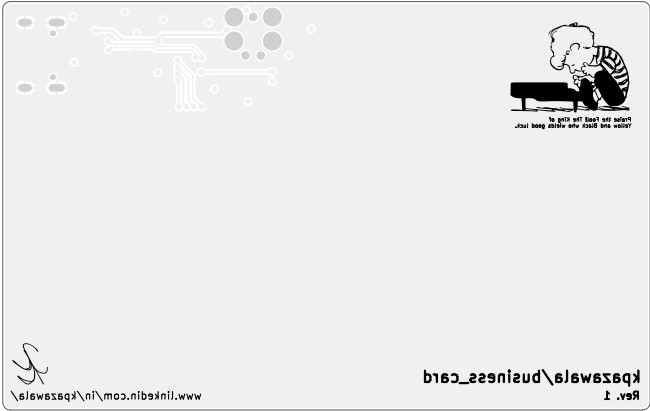
Layer Name	Type	Material	Thickness (mm)	Color	Epsilon R	Loss Tangent
F.Silkscreen	Top Silk Screen	Not specified	0 mm	Not specified	1	0
F.Paste	Top Solder Paste		0 mm		1	0
F.Mask	Top Solder Mask	Not specified	0.01 mm	Not specified	3.3	0
L1 (F.Sig)	copper		0.035 mm		1	0
Dielectric 1	prepreg	7628	0.1855 mm	FR4 natural	4.74	0
L2 (GND)	copper		0.035 mm		1	0
Dielectric 2	core	FR4	1.03 mm	Not specified	4.5	0.02
L3 (PWR)	copper		0.035 mm		1	0
Dielectric 3	prepreg	7628	0.1855 mm	FR4 natural	4.74	0
L4 (B.Sig)	copper		0.035 mm		1	0
B.Mask	Bottom Solder Mask	Not specified	0.01 mm	Not specified	3.3	0
B.Paste	Bottom Solder Paste		0 mm		1	0
B.Silkscreen	Bottom Silk Screen	Not specified	0 mm	Not specified	1	0

Top Fabrication (Scale 1:1)



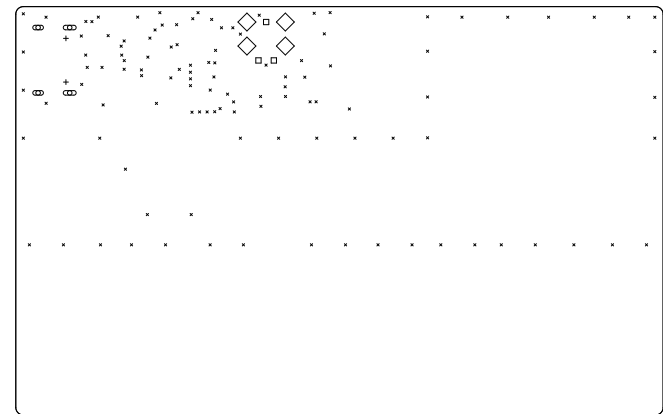
	1	2	3	4	5	6
A						A
B						B
C						C
D						D
	1	2	3	4	5	6

Bottom Fabrication (Scale 1:1)



Board2Pdf: FABRICATION_BOTTOM – Page 2/7		
Music Card Fabrication Document		
Sheet: FABRICATION_BOTTOM File: business_card.kicad_pcb		
Title: Business Card		
Size: A4	Date: 2025-09-05	Rev: 1.0
KiCad E.D.A. 9.0.3	Id: /1	

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



Drill Map:

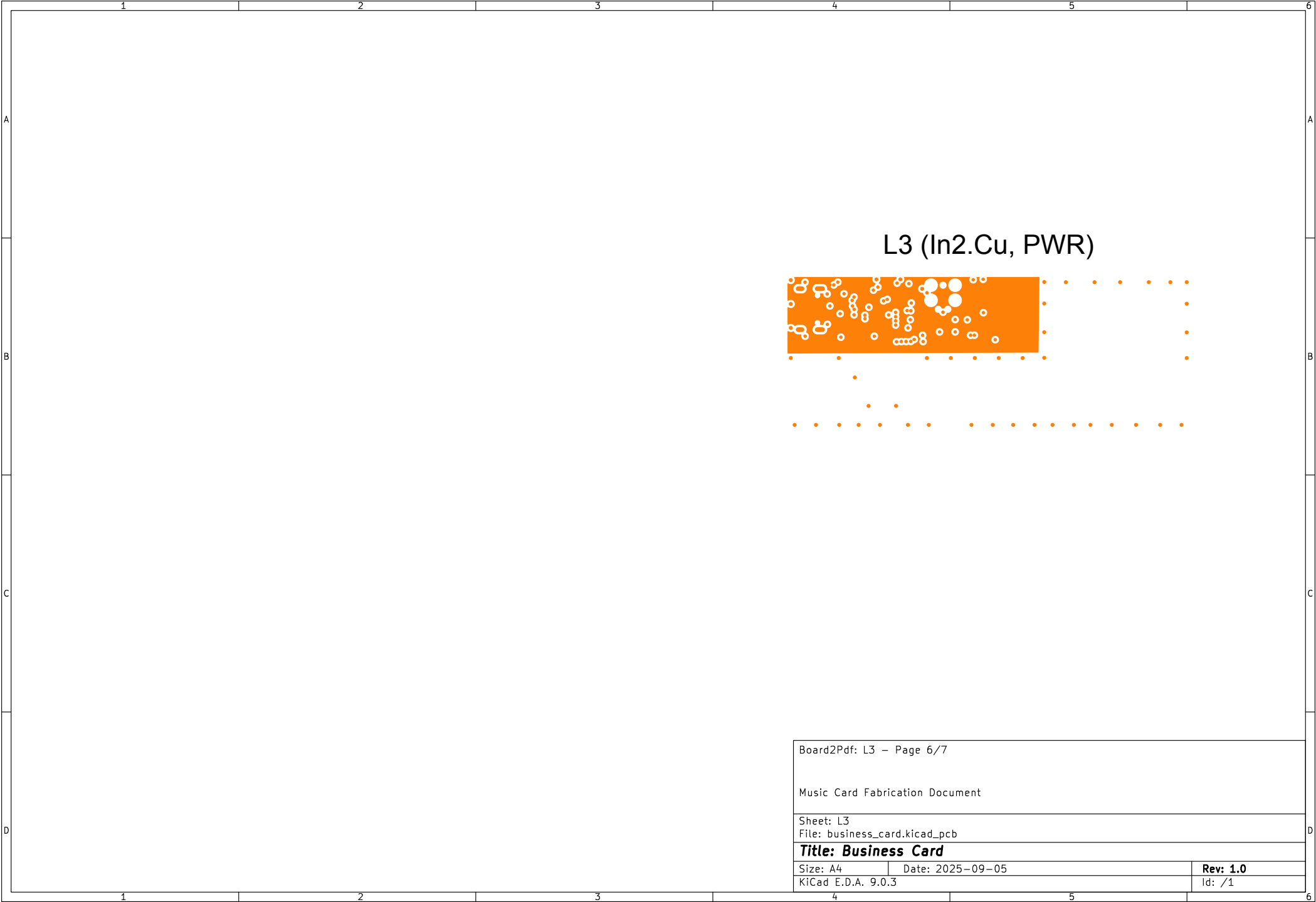
- 0.300mm / 0.0118" (114 holes)
- 0.600mm / 0.0236" (0 holes + 4 slots)
- + 0.650mm / 0.0256" (2 holes) (not plated)
- ◻ 0.991mm / 0.0390" (3 holes) (not plated)
- ◊ 2.375mm / 0.0935" (4 holes) (not plated)



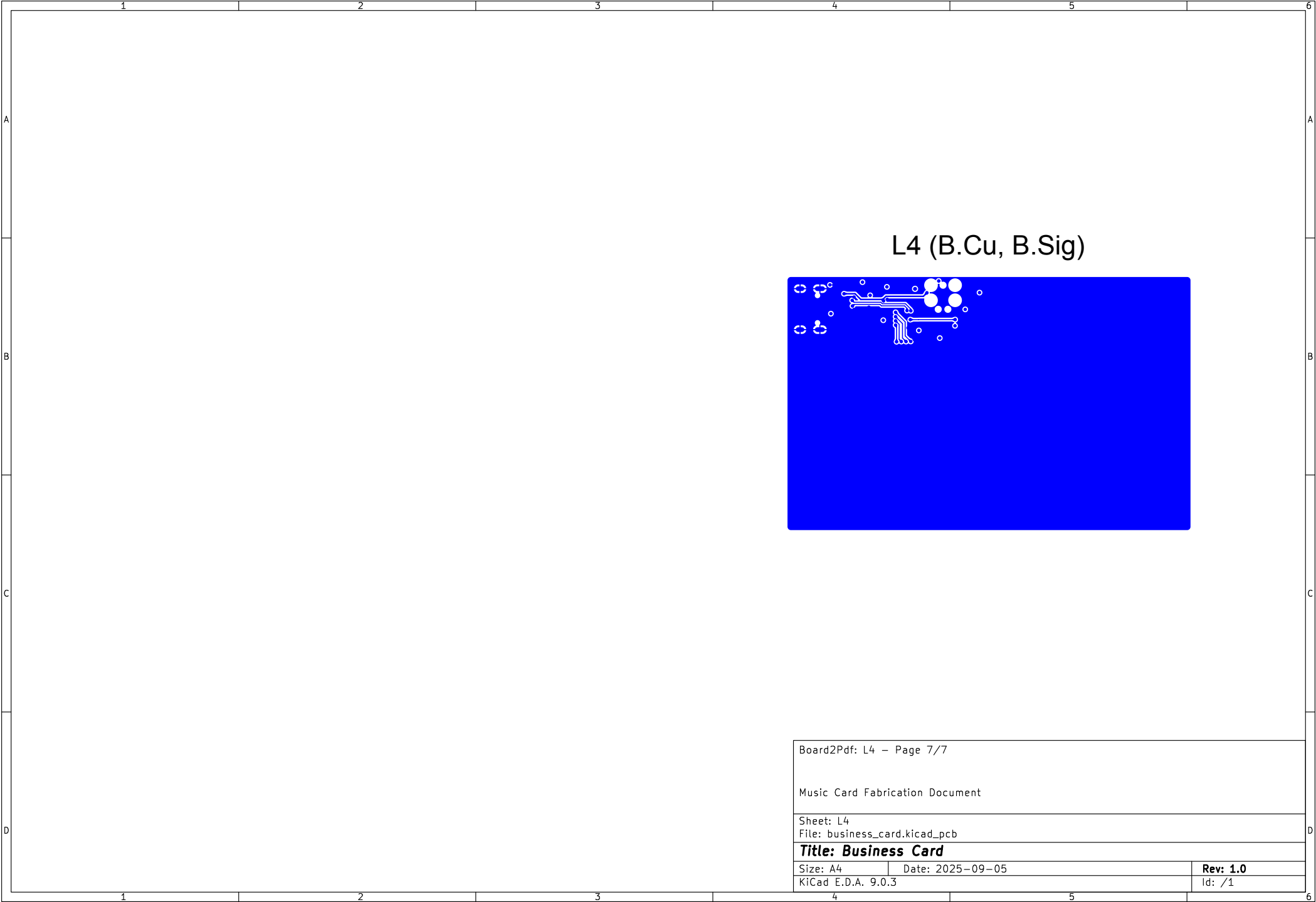


L2 (In1.Cu, GND)

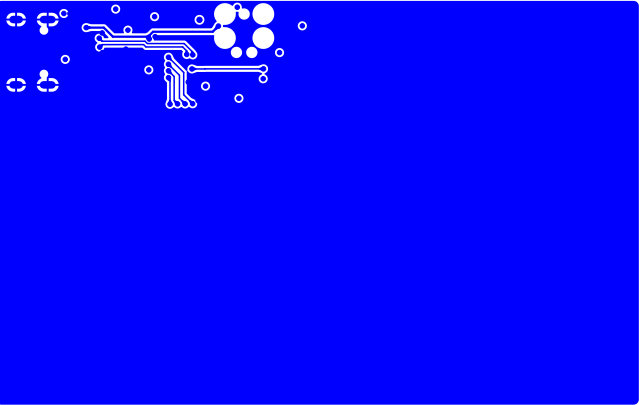
Board2Pdf: L2 – Page 5/7		
Music Card Fabrication Document		
Sheet: L2 File: business_card.kicad_pcb		
Title: Business Card		
Size: A4	Date: 2025-09-05	Rev: 1.0
KiCad E.D.A. 9.0.3	Id: /1	



Board2Pdf: L3 – Page 6/7		
Music Card Fabrication Document		
Sheet: L3 File: business_card.kicad_pcb		
Title: Business Card		
Size: A4	Date: 2025-09-05	Rev: 1.0
KiCad E.D.A. 9.0.3	Id: /1	



L4 (B.Cu, B.Sig)



Board2Pdf: L4 – Page 7/7		
Music Card Fabrication Document		
Sheet: L4 File: business_card.kicad_pcb		
Title: Business Card		
Size: A4	Date: 2025-09-05	Rev: 1.0
KiCad E.D.A. 9.0.3	Id: /1	