

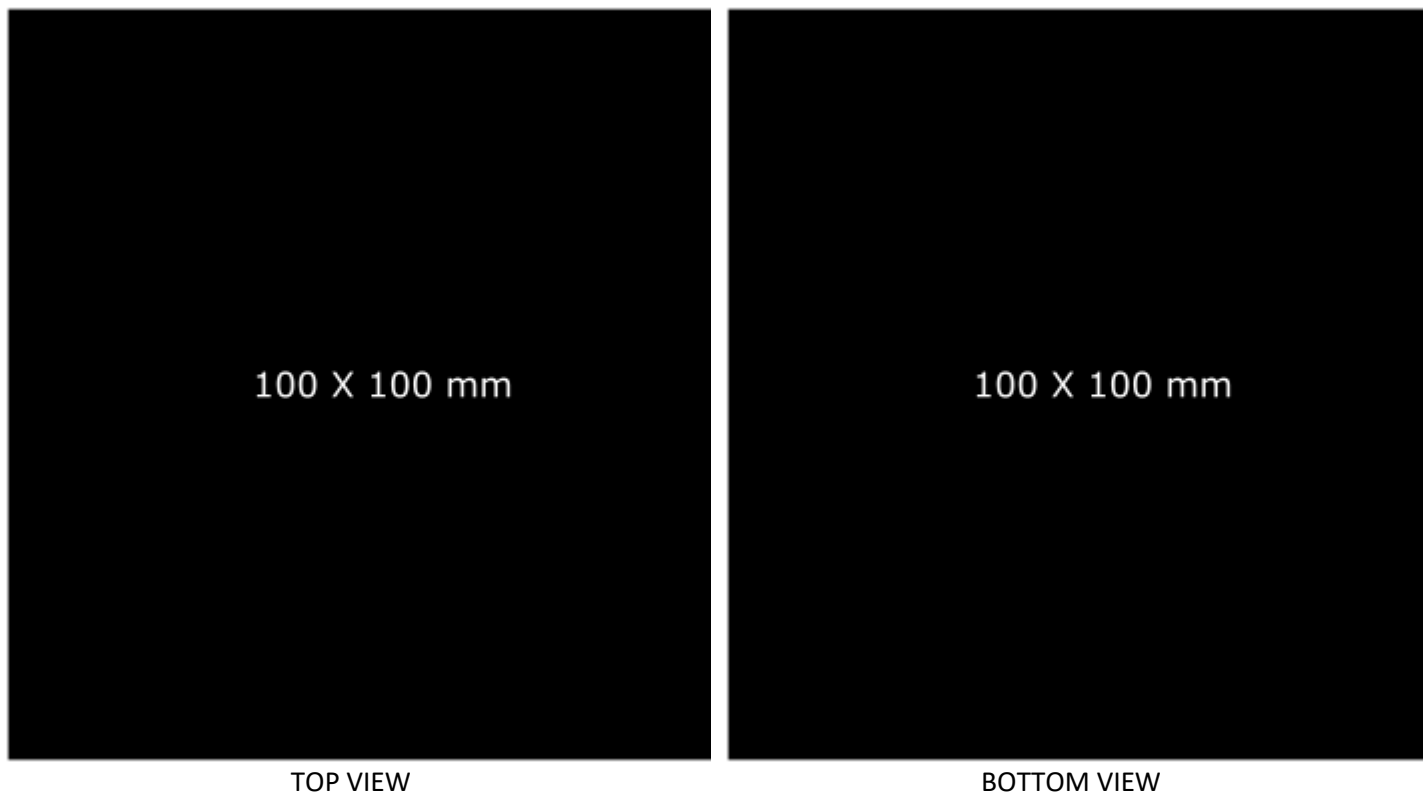
00A-100, Load Board, Switched

PART NUMBER	00A-100
GROUP NAME	Probing and Prototyping (00A)
CIRCUIT NAME	Electronic Load, Static
VARIANT DESCRIPTION	Static Load, Manual Control
BOARD DESIGN	PCB50
PRODUCT DESCRIPTION	Panel of #00A-100 miniPCBs, v-scored (1 Panel = 4 Pieces)

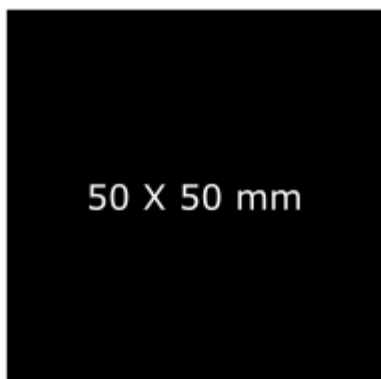
Circuit Description

This board contains six (6) power resistors, two (2) banana jack posts, two (2) multimeter test points, and a switch. This board enables fast and reliable testing of power sources such as DCDC converters and DCDC isolators.

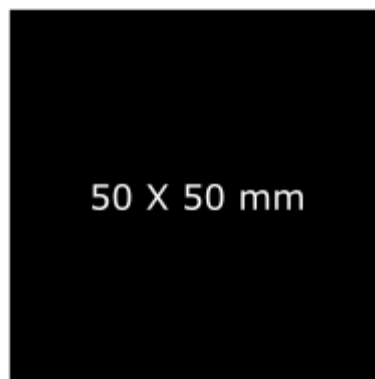
Panel Board



Single Board

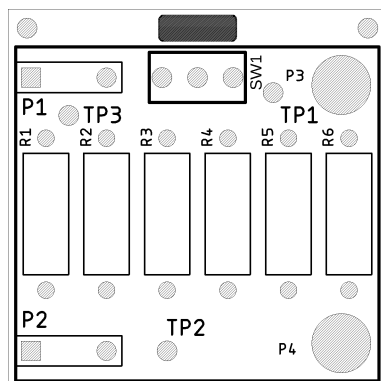


TOP VIEW

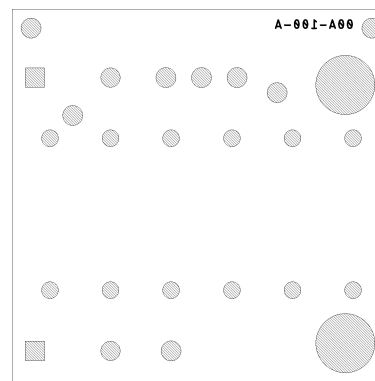


BOTTOM VIEW

Part Locations

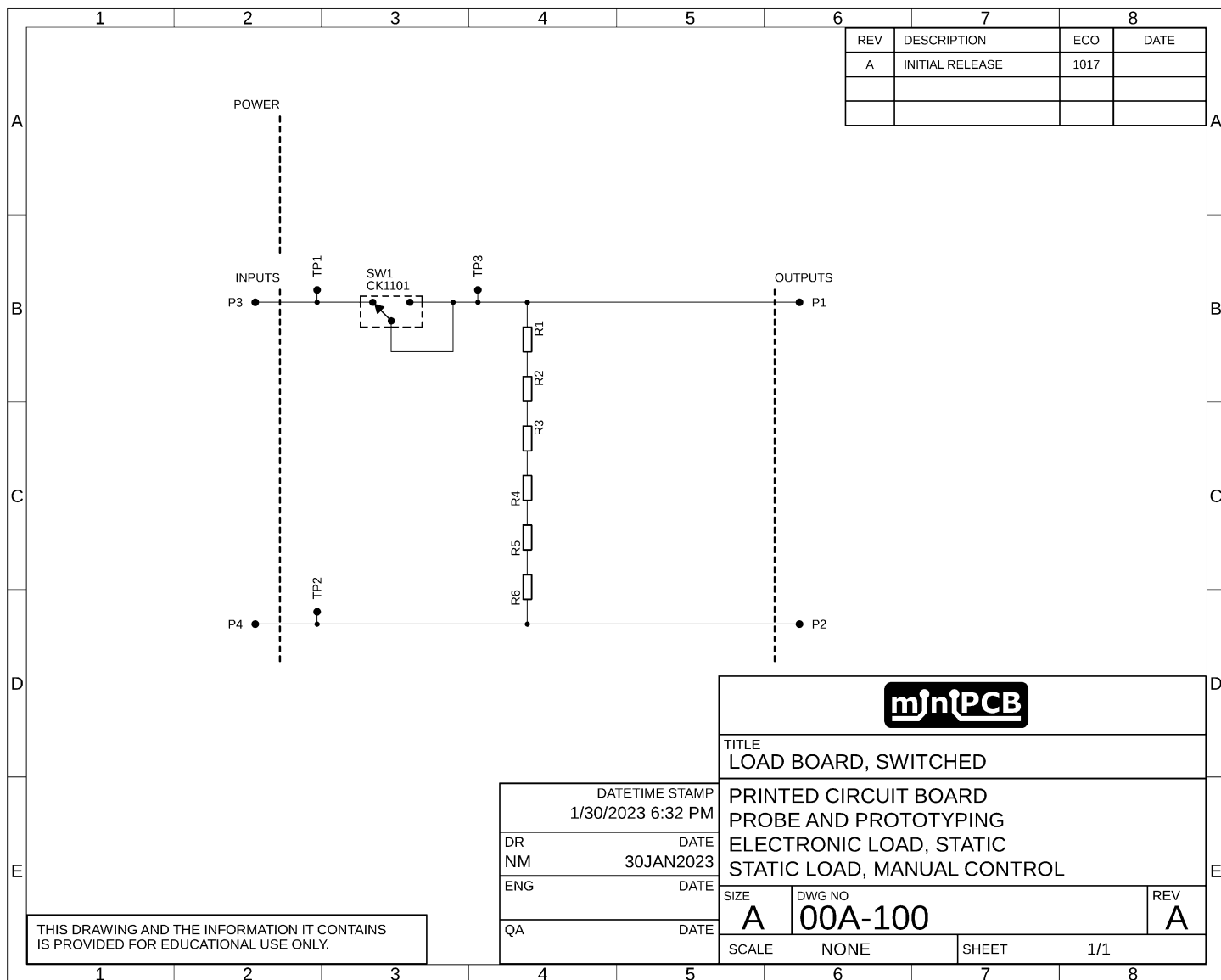


TOP VIEW



BOTTOM VIEW

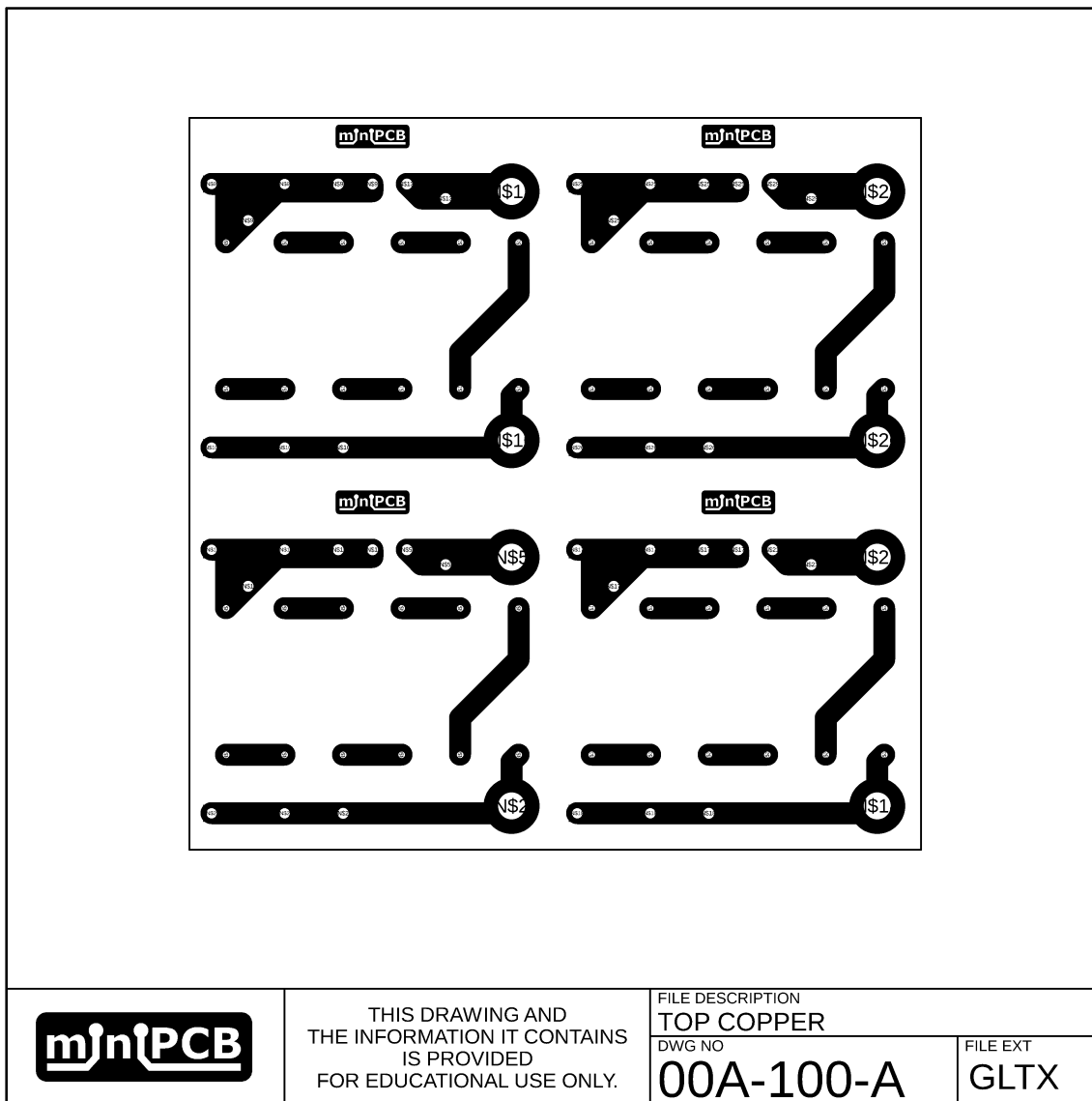
Schematic



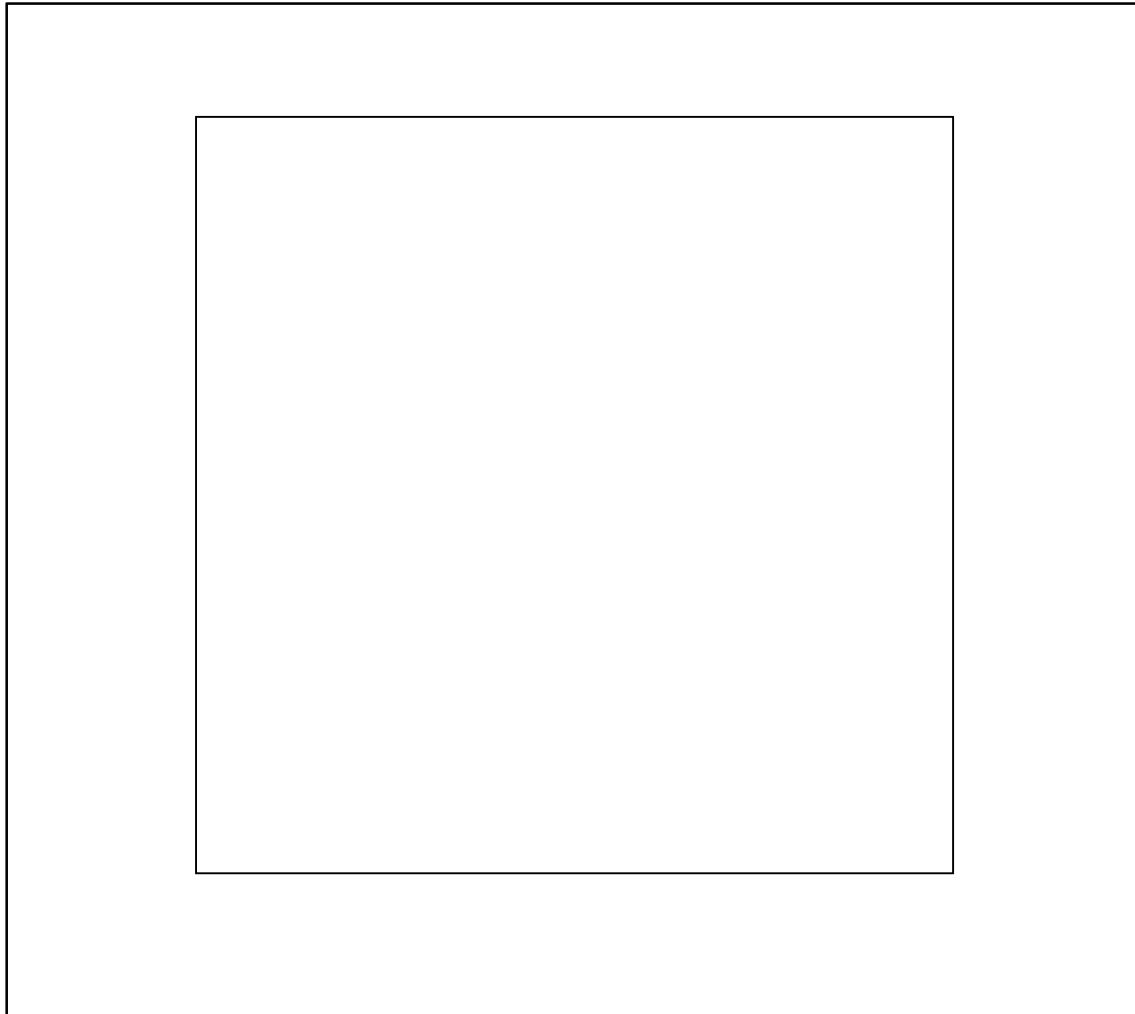

Gerber Files

This section contains images of the layers included in each Gerber file.


TOP COPPER (GLTX)



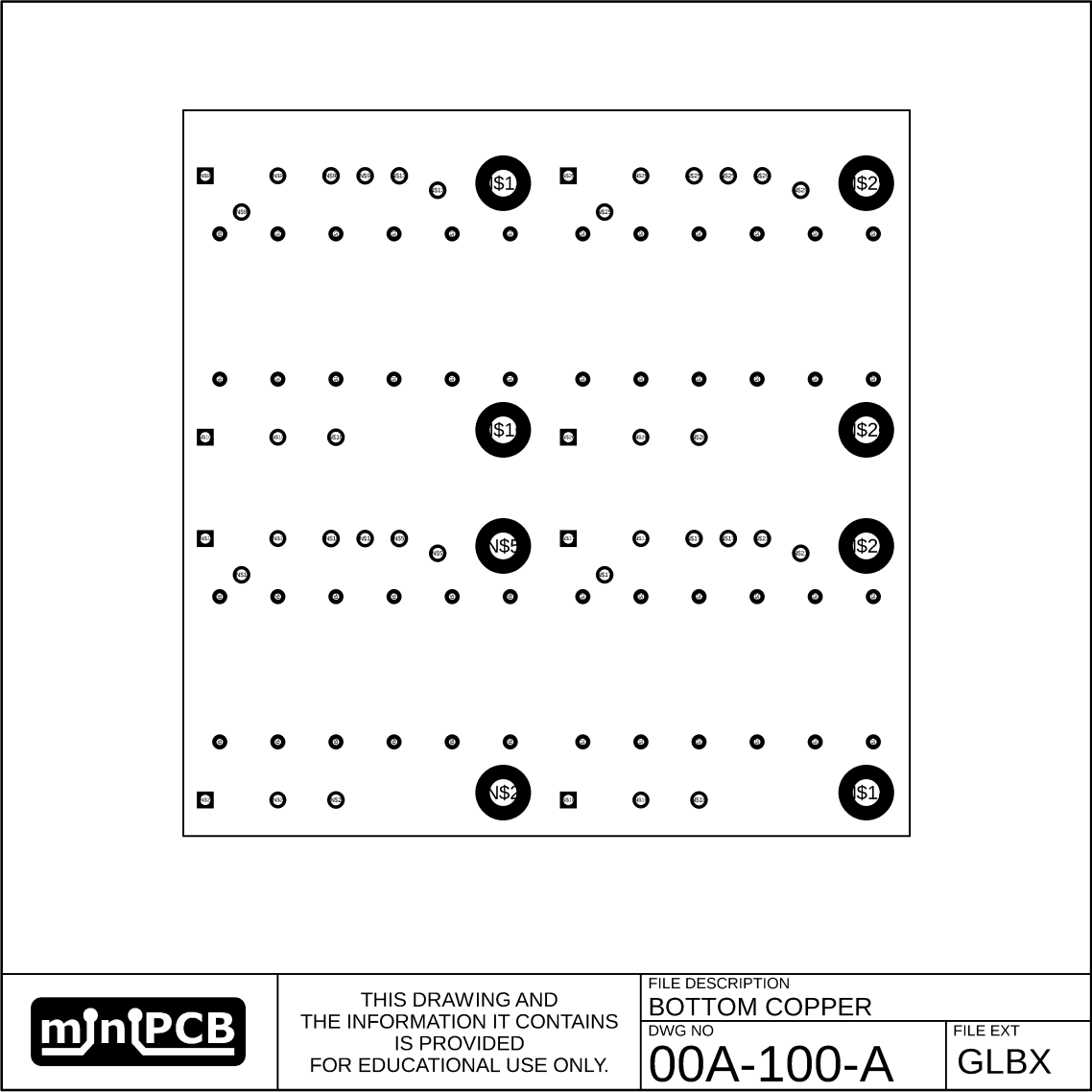
TOP CREAM (GCTX)

			
	<p>THIS DRAWING AND THE INFORMATION IT CONTAINS IS PROVIDED FOR EDUCATIONAL USE ONLY.</p>	<p>FILE DESCRIPTION TOP CREAM</p>	
		<p>DWG NO 00A-100-A</p>	<p>FILE EXT GCTX</p>

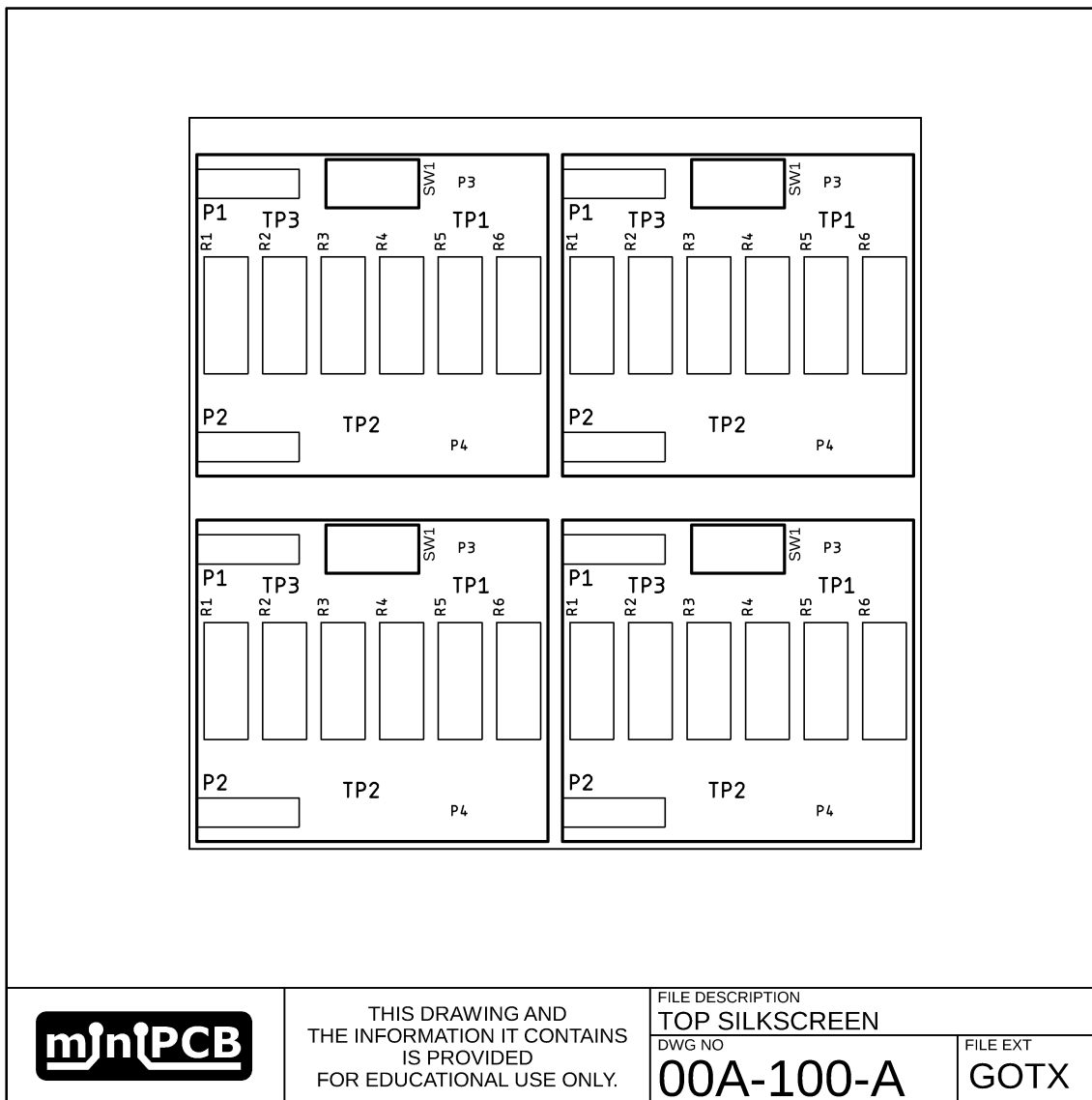
BOTTOM CREAM (GCBX)

	THIS DRAWING AND THE INFORMATION IT CONTAINS IS PROVIDED FOR EDUCATIONAL USE ONLY.	FILE DESCRIPTION BOTTOM CREAM	
		DWG NO 00A-100-A	FILE EXT GCBX

BOTTOM COPPER (GLBX)



TOP SILKSCREEN (GOTX)




BOTTOM SILKSCREEN (GOBX)

A-001-A00

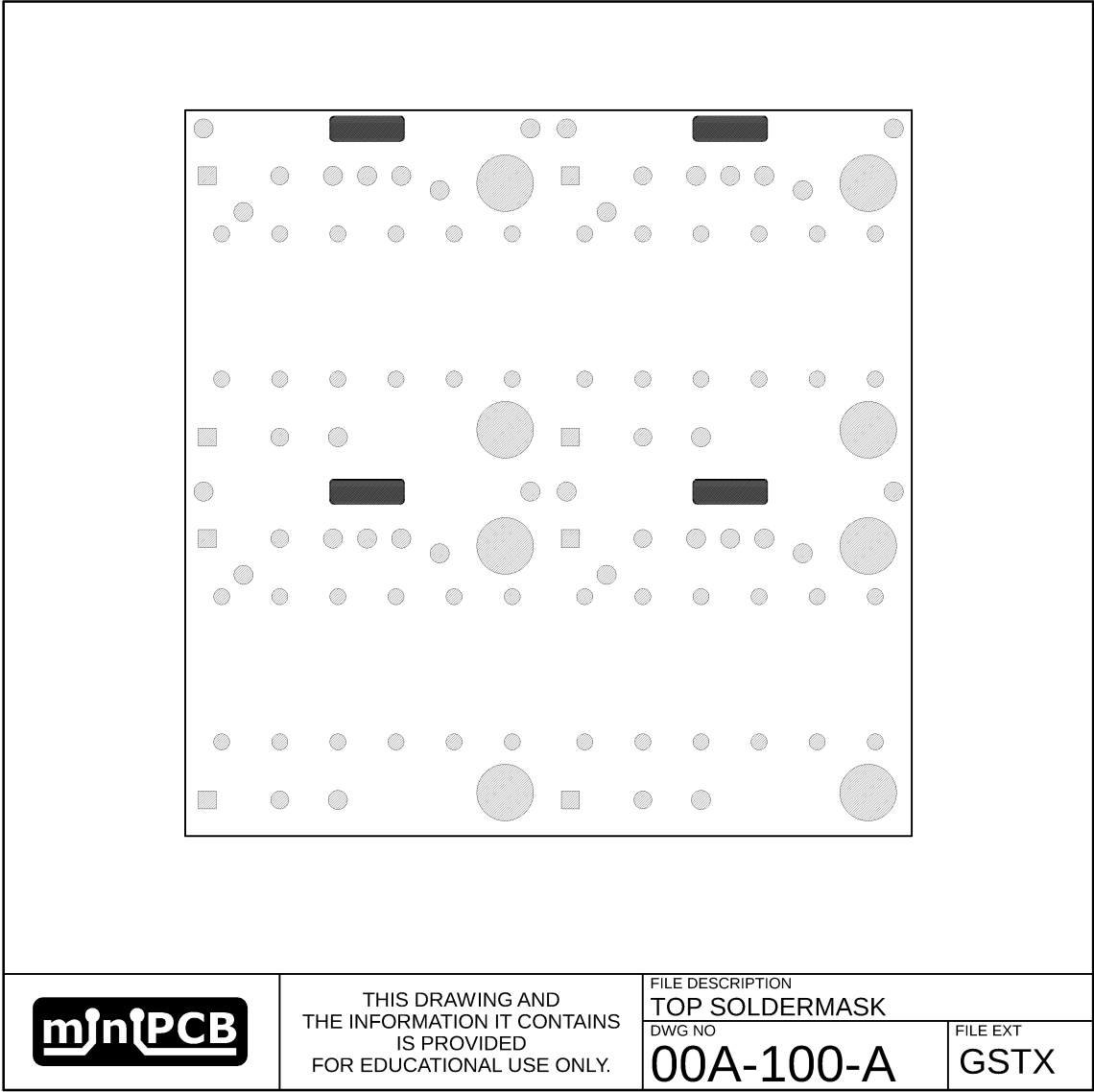
A-001-A00

A-001-A00

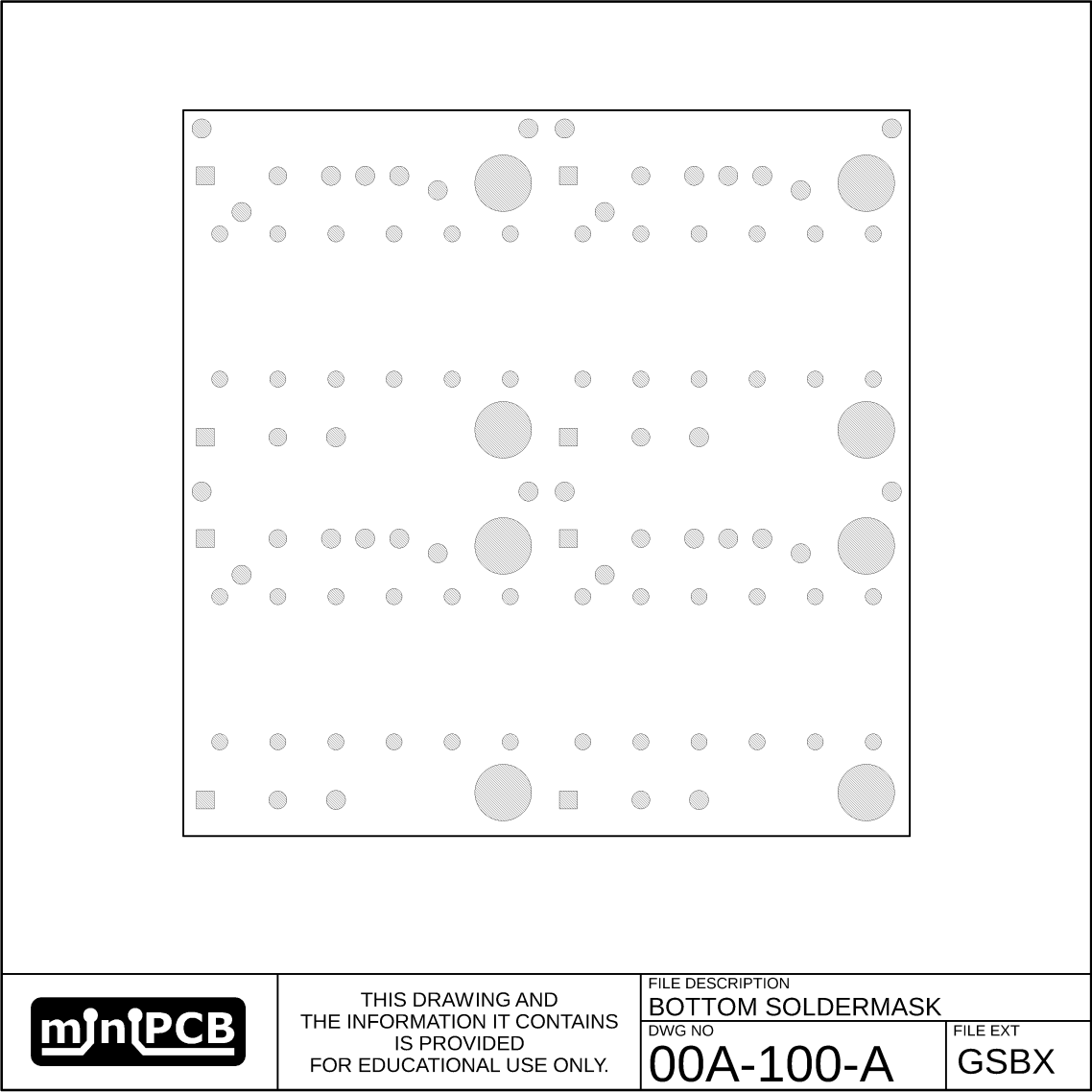
A-001-A00

	THIS DRAWING AND THE INFORMATION IT CONTAINS IS PROVIDED FOR EDUCATIONAL USE ONLY.	FILE DESCRIPTION BOTTOM SILKSCREEN	
		DWG NO 00A-100-A	FILE EXT GOBX

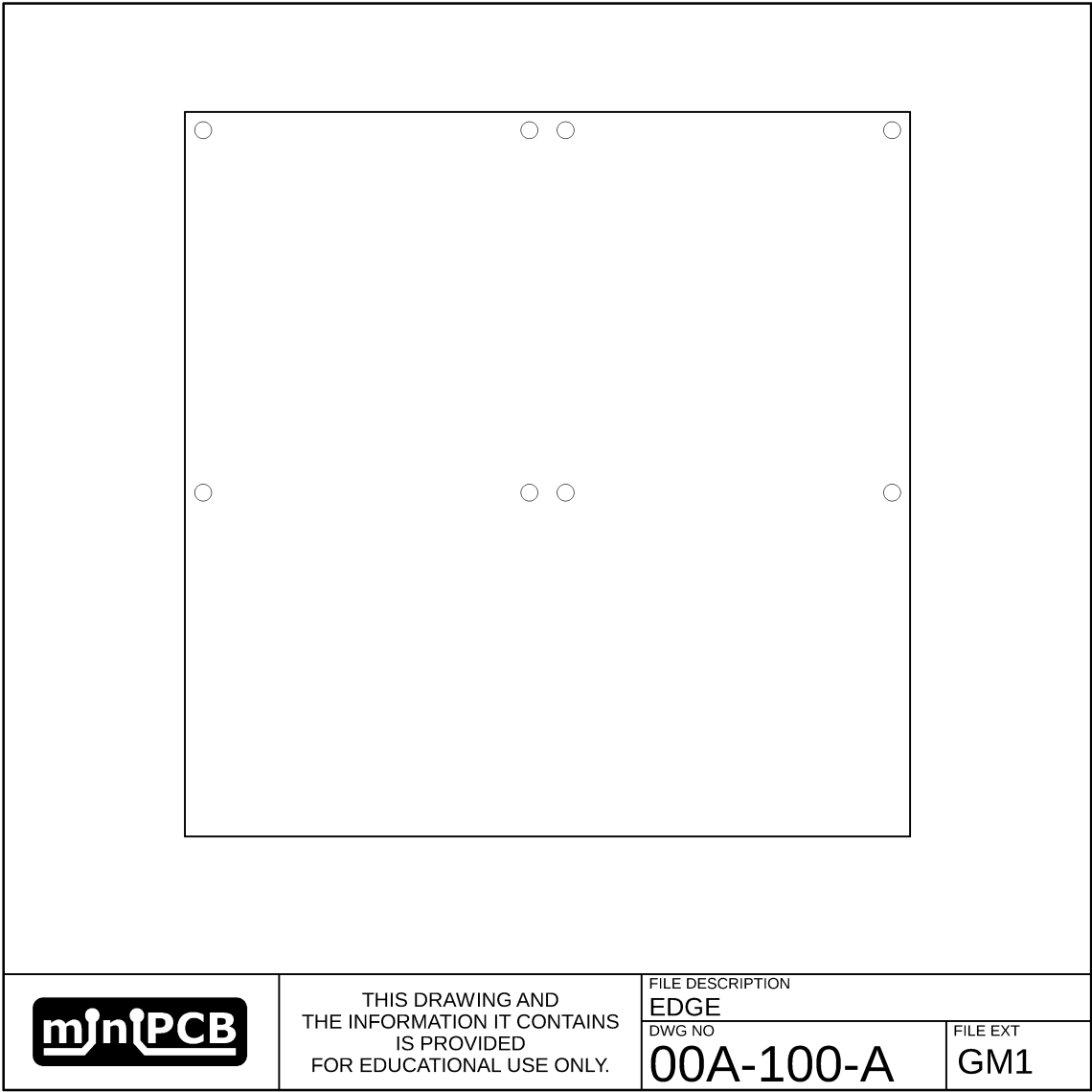
TOP SOLDERMASK (GSTX)



BOTTOM SOLDER MASK (GSBX)



EDGE (GM1)



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FILE DESCRIPTION

EDGE

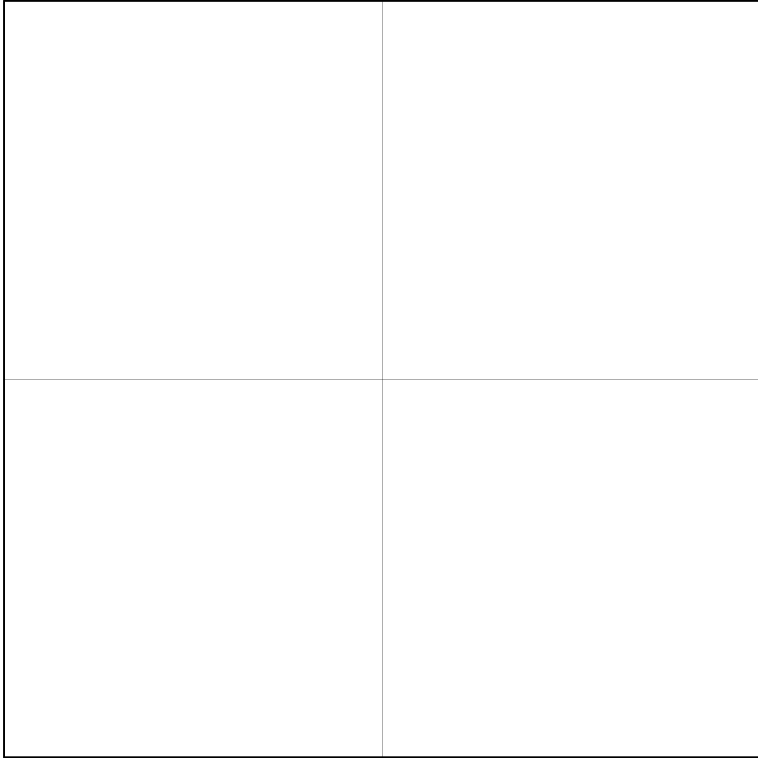

DWG NO

00A-100-A

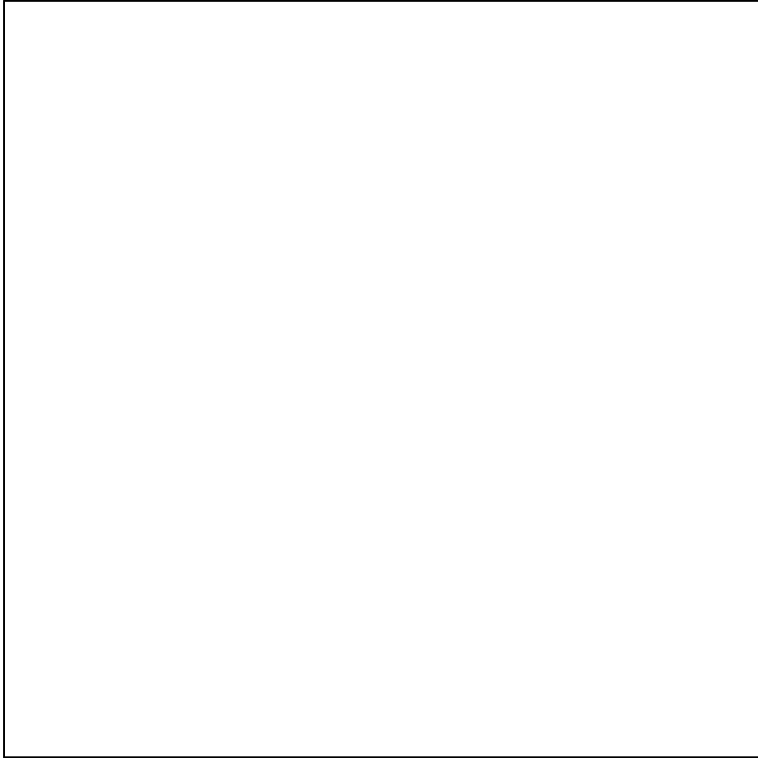

FILE EXT

GM1

VSCORE (GM2)

		
	THIS DRAWING AND THE INFORMATION IT CONTAINS IS PROVIDED FOR EDUCATIONAL USE ONLY.	FILE DESCRIPTION V-SCORE
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DWG NO 00A-100-A	FILE EXT GM2	

MILLING (GM3)

			
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		DWG NO 00A-100-A	FILE EXT GM3

Parts List Form

REF DES	PART TYPE	MFG PART NUMBER	PART DESCRIPTION	FIND
TP1	TEST POINT	KE5000		1
TP2	TEST POINT	KE5000		2
TP3	TEST POINT	KE5000		3
P1	RECEPTACLE	KE6060		4
P2	RECEPTACLE	KE6060		5
P3	RECEPTACLE		BANANA JACK	6
P4	RECEPTACLE		BANANA JACK	7
R1	RESISTOR		THD, 20mm PITCH	8
R2	RESISTOR		THD, 20mm PITCH	9
R3	RESISTOR		THD, 20mm PITCH	10
R4	RESISTOR		THD, 20mm PITCH	11
R5	RESISTOR		THD, 20mm PITCH	12
R6	RESISTOR		THD, 20mm PITCH	13
SW1	SWITCH	CK1101	SWITCH, SPDT	14

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WORDMARK	FIGUREMARK	FIGUREMARK
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Revision History

REV	DESCRIPTION	ECO	DATE
A	Initial Release	1017	