



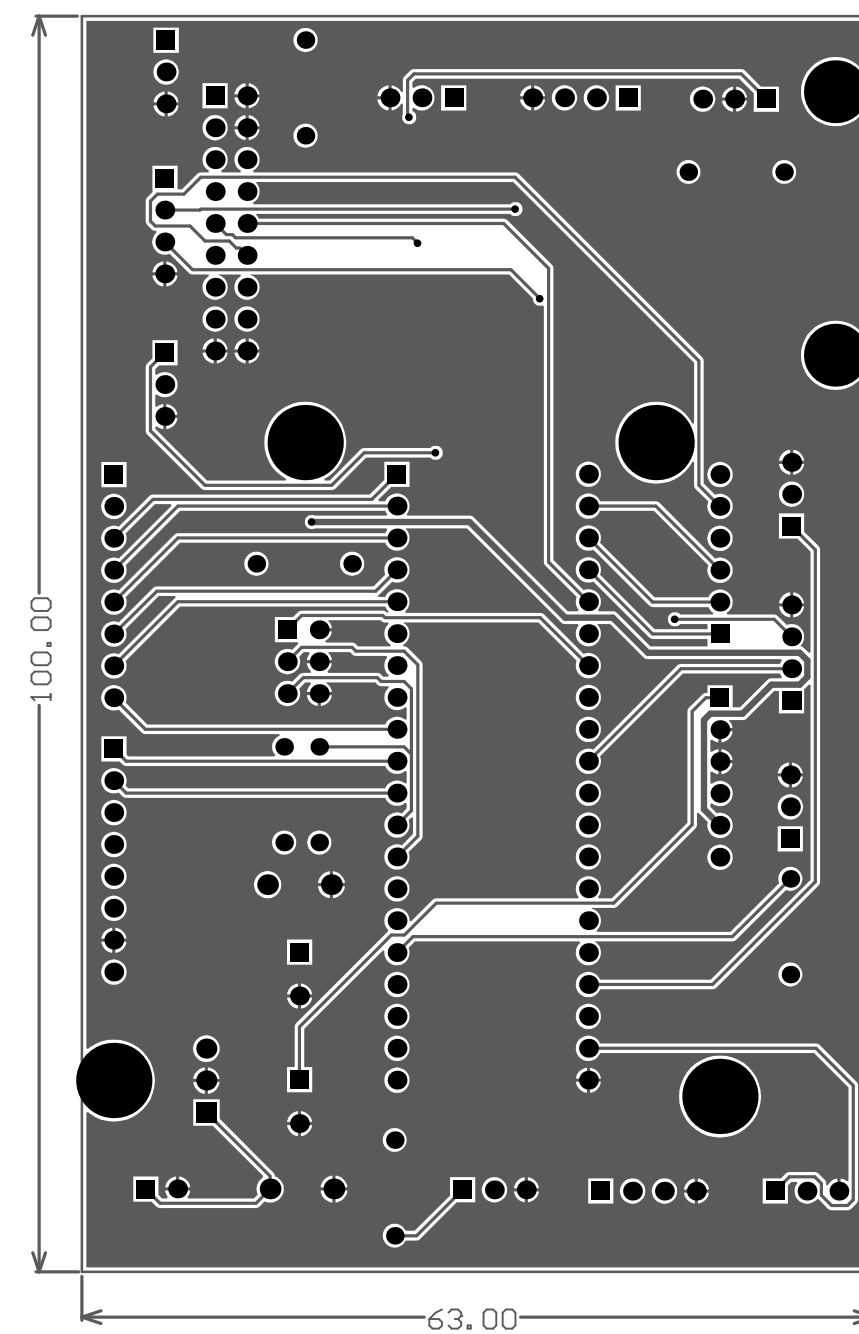
Bottom Layer

## NOTES

Fabrication per IPC-A-600

Board Size	118mm x 118mm
Board Thickness	1.6mm +/- 0.1mm
Number of Layers	2 Layers
Material	FR4
Copper Thickness	1 oz
Pads Finish	HASL
Solder Mask	Yes
Solder Mask Type	LPI
Solder Mask Color	Green
Silkscreen Color	White
Silkscreen Layers	Top
Smallest Trace Size	0.254 mm
Smallest clearance between traces	0.2 mm
Panelisation	Single Board
Electrical Test	Yes
Number of Slotted Holes	0 Slotted Holes
Internal Routed Holes	0 Routed Holes

Tolerance: +/- 0.05 mm  
All of the hole sizes are the finished size.  
Do not alter artwork ex: add logo or date code



Layer Stack Up Detail for: Ricky and Min Lin - ART Robot.PCBDOC

Layer Name	Solder Document	Copper Thickness	Dielectric Height	Dielectric Material	Dielectric Type
Top Solder Mask	(.GTS)		0.0102mm	Solder Resist	
Top Layer	(.GTL)	0.0356mm	1.6mm	FR-4	Core
Bottom Layer	(.GBL)	0.0356mm			
Bottom Solder Mask	(.GBS)		0.0102mm	Solder Resist	

ALL DIMENSIONS ARE IN MILLIMETER UNLESS SPECIFIED

Hikaritech inc.

29-1560 Prince St.  
Port-Moody, BC, Canada  
V3H 3W8

Tel: 604-809-6267

ENGINEER:

P. Belanger

PCB DESIGNER:

P. Belanger

DATE:

2011/01/16

FILE NAME:

ART Robot.PCBD0C

TITLE:	
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PROJECT: ART Robot

TITLE : Arduino Uno CPLD Daughter Board

LAST MODIFICATION DATE:	
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2011/02/16

DWG NO:	
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1

REV:

1

SCALE:

TABLE 10.10

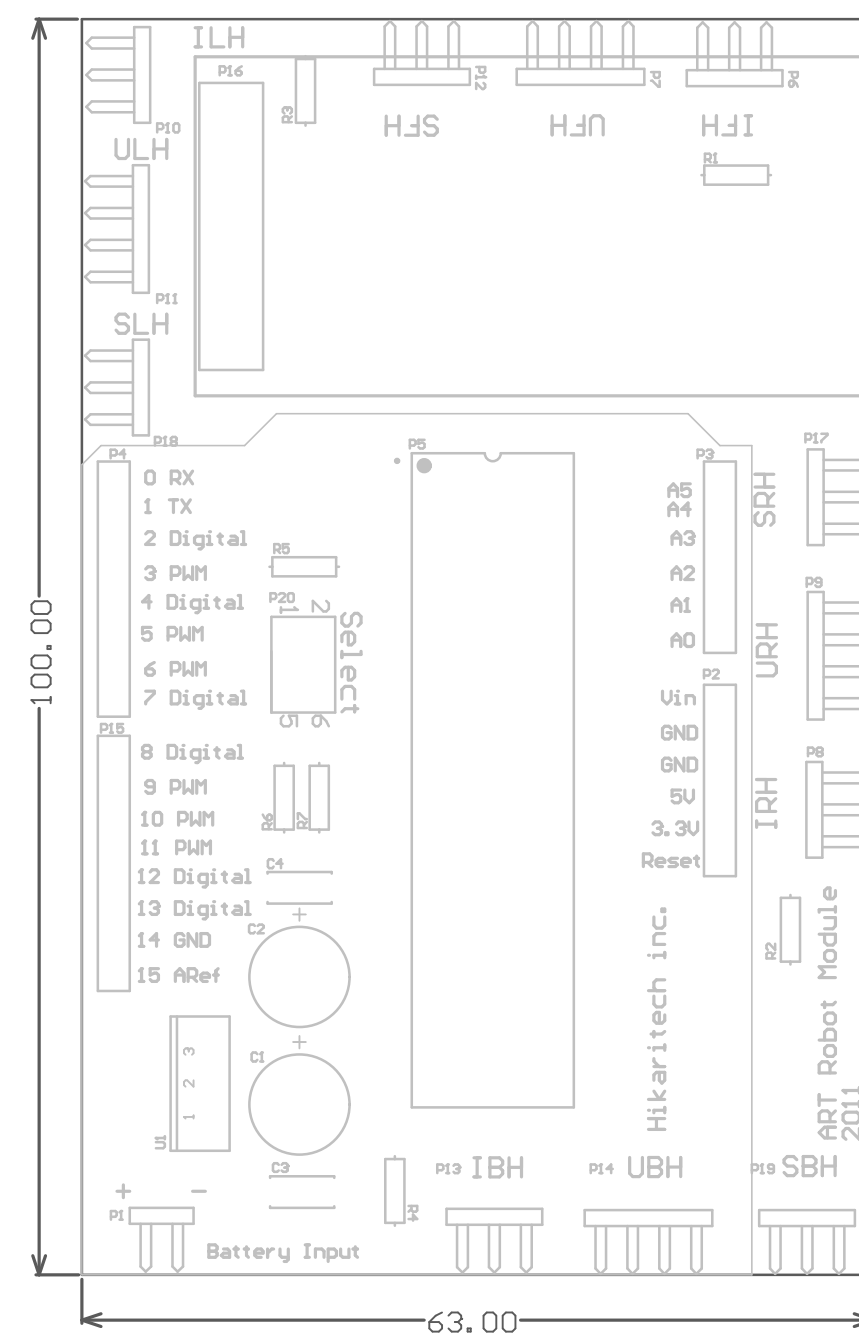
## Top Silkscreen Overlay

## NOTES

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Layer Stack Up Detail for: Ricky and Min Lin - ART Robot.PCBO00

Layer Name	Gerber Document	Copper Thickness	Dielectric Height	Dielectric Material	Dielectric Type
Top Solder Mask	(.GTS)		0.0102mm	Solder Resist	
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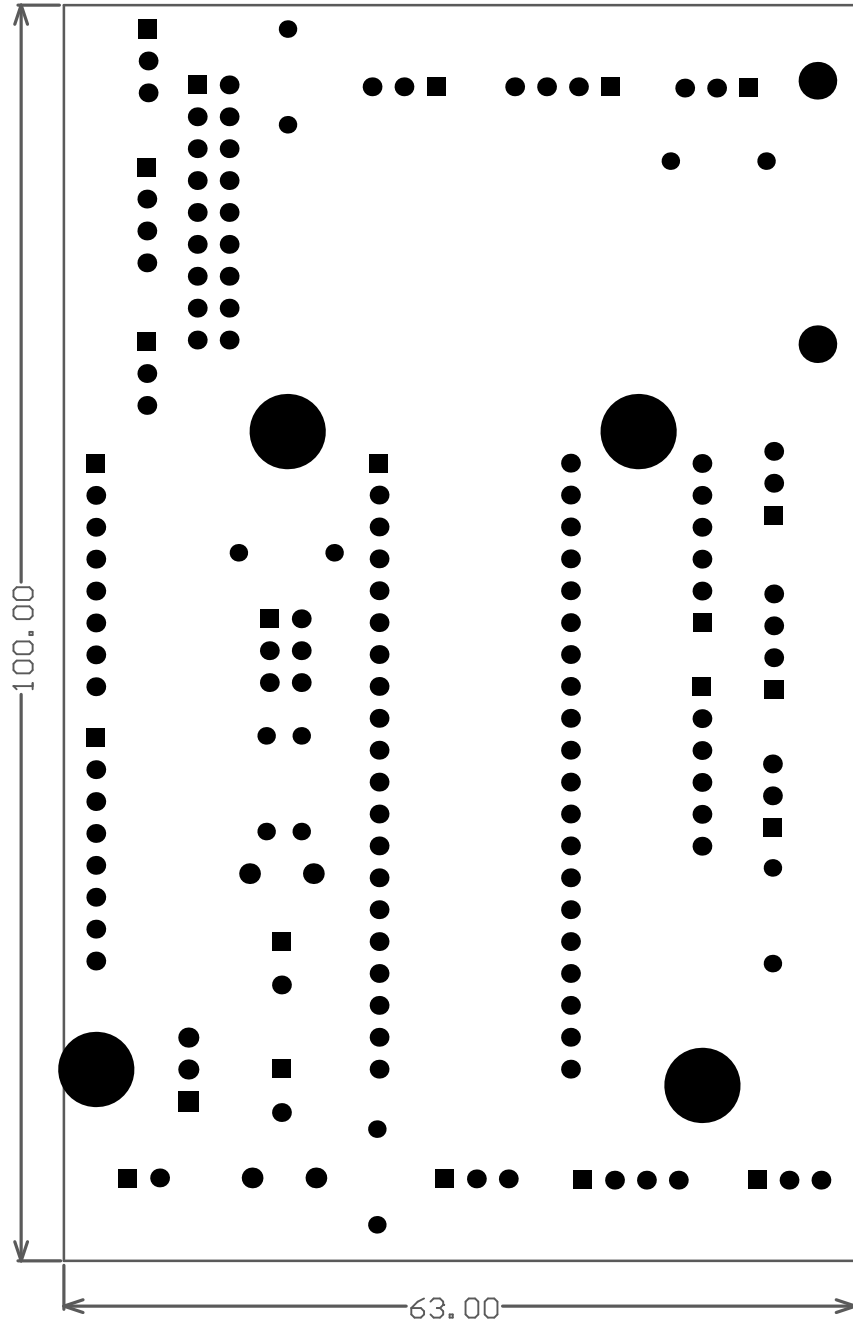
TABLOID

## NOTES

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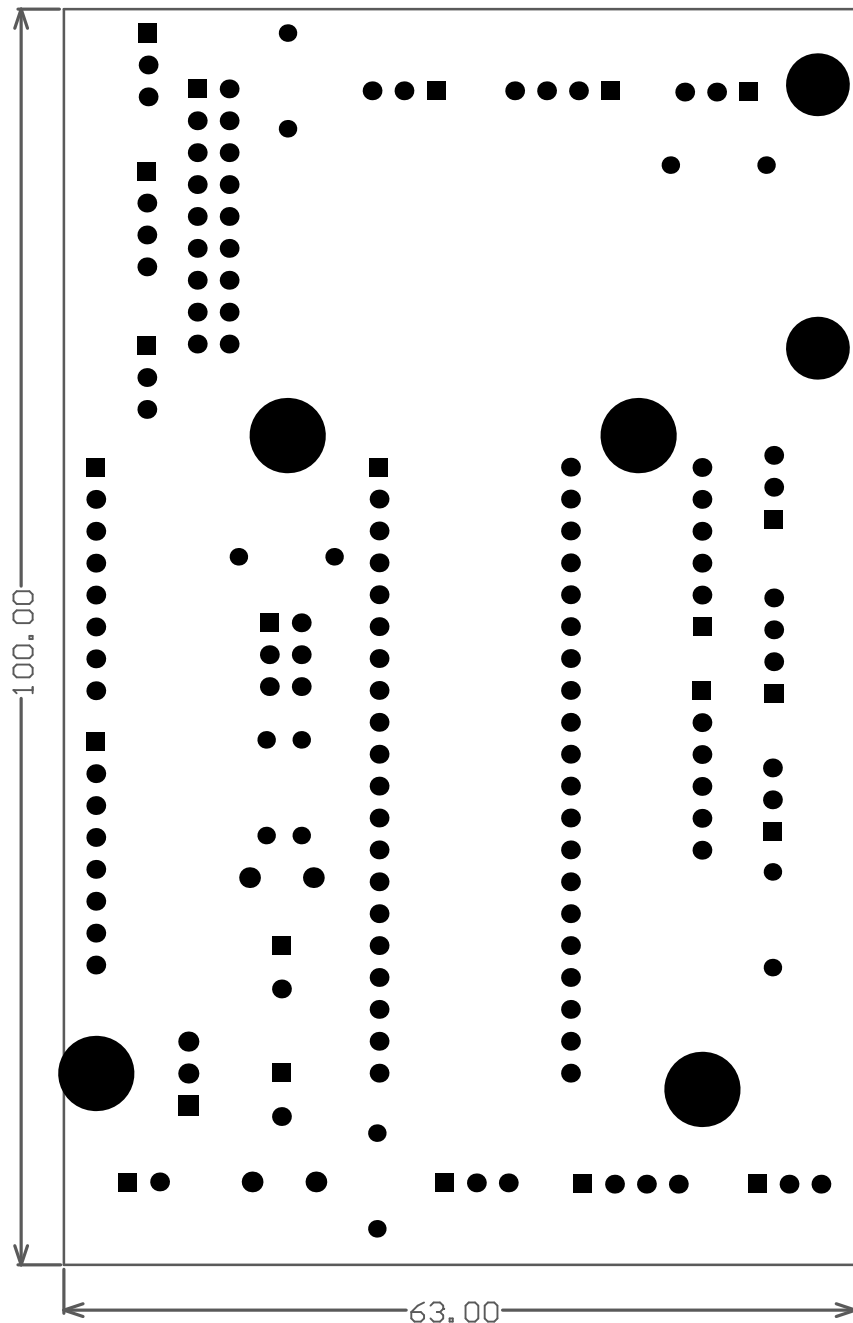
Hikaritech inc.  29-1560 Prince St. Port-Moody, BC, Canada V3H 3W8  Tel: 604-809-6267	ENGINEER: P. Belanger	TITLE: PROJECT: ART Robot	
	PCB DESIGNER: P. Belanger	TITLE : Arduino Uno CPLD Daughter Board	
	DATE: 2011/01/16	LAST MODIFICATION DATE: 2011/02/16	REV: 1
	FILE NAME: ART Robot.PCBDOC	DWG NO: 1	SCALE: TABLOID

## NOTES

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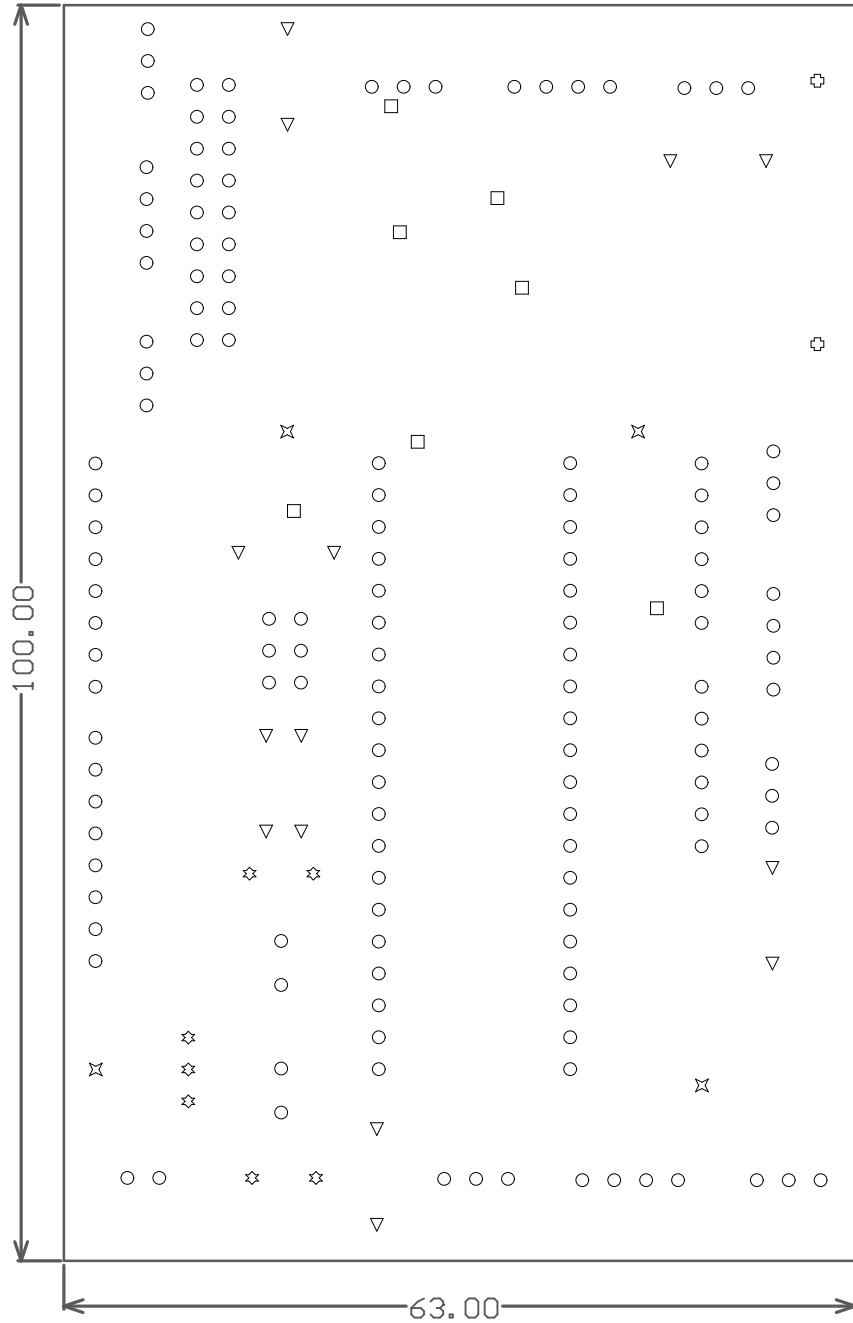
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	FILE NAME: ART Robot.PCBDOC	DWG NO: 1	SCALE: TABLOID

Drill Drawing For (Bottom Layer,Top Layer)



Symbol	Hit Count	Tool Size	Plated	Hole Type
□	7	0.3mm (11.811mil)	PTH	Round
▽	14	0.85mm (33.465mil)	PTH	Round
○	138	0.9mm (35.433mil)	PTH	Round
☆	7	1mm (39.37mil)	PTH	Round
✱	2	2.5mm (98.425mil)	PTH	Round
⌘	4	3.048mm (120mil)	PTH	Round
	172 Total			

DRILL LEGEND

NOTES

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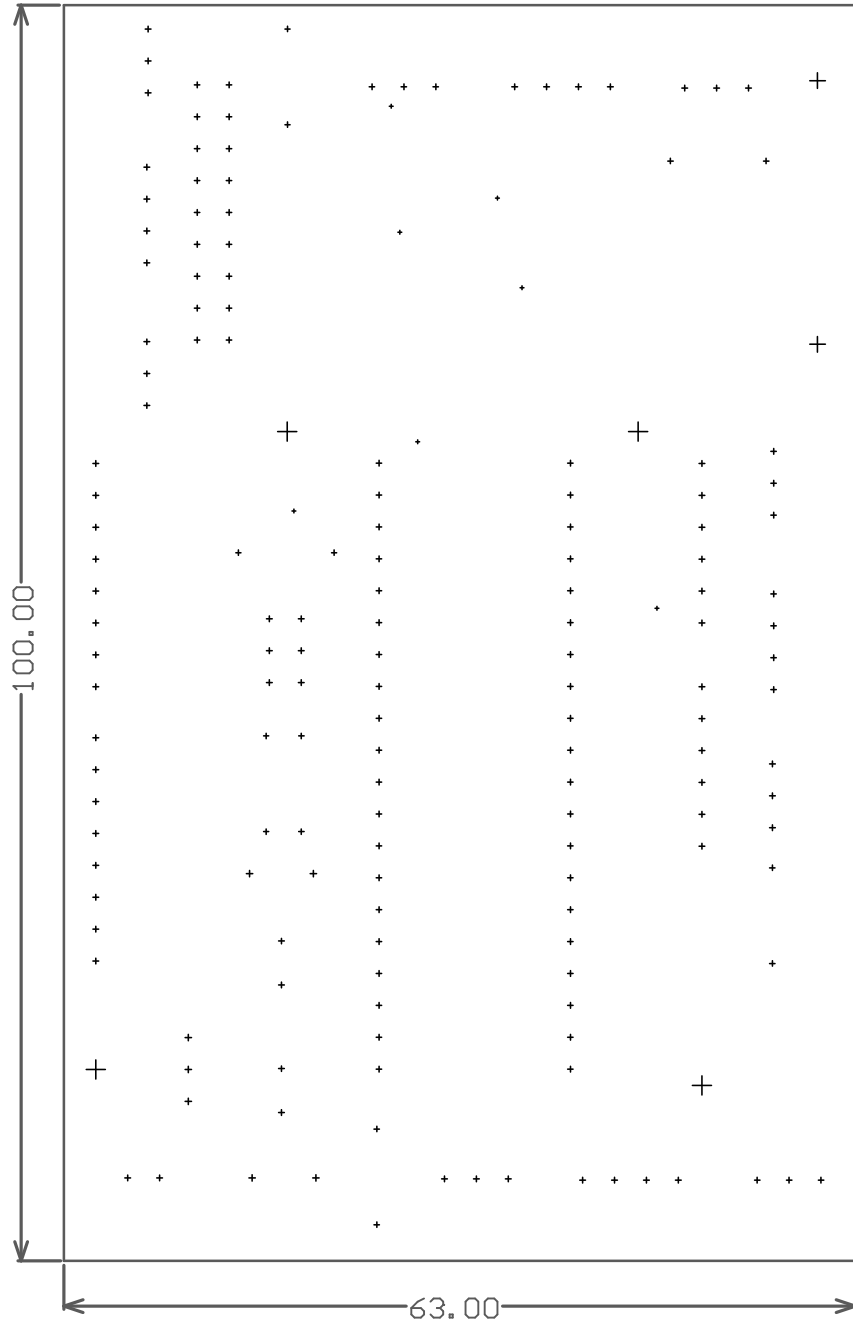
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	FILE NAME: ART Robot.PCBDOC	DWG NO: 1	SCALE: TABLOID

Drill Guide For (Bottom Layer,Top Layer)



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