

File Name: Ricky and Min Lin - ART Robot.SchDoc

Hikaritech inc.		PROJECT	DRAWN	DESIGNER
REV		Ricky and Min Lin - ART Robot.PrjPCB PB		PB
		TITLE		
		CPLD Daughter Board for Arduino Uno		
		Size	FCSM No.	Rev
		Tabloid		1.0
		Scale	DWG No.	
		1:1	01/15/2011	
			Sheet	1 of 1

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

Tel: 604-809-6267

Modified Date: 29/01/2011

Multilayer Composite Print

## NOTES

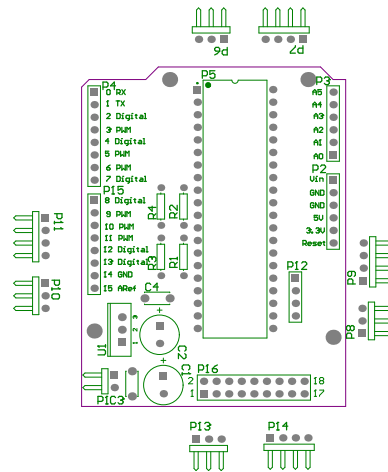
Fabrication per IPC-A-600

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	Material	Thickness	Min/Max	Min/Max	Notes
Top Solder Mask	C.075	0.0025mm	0.0025mm	0.0025mm	Solder Mask
Top Layer	C.075	0.0025mm	0.0025mm	0.0025mm	
Bottom Layer	C.075	0.0025mm	0.0025mm	0.0025mm	
Bottom Solder Mask	C.075	0.0025mm	0.0025mm	0.0025mm	Solder Mask

ALL DIMENSIONS ARE IN MILLIMETER UNLESS SPECIFIED

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ENGINEER:  
P. Belanger

PCB DESIGNER:  
P. Belanger

DATE:  
2011-01-16

FILE NAME:  
Robot.PCBDOC

TITLE:

PROJECT: ART Robot

TITLE : Arduino Uno CPLD Daughter Board

LAST MODIFICATION DATE:  
2011-01-16

DWG NO:  
Robot.PCBDOC

REV:

1

SCALE:

TABLOID