

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

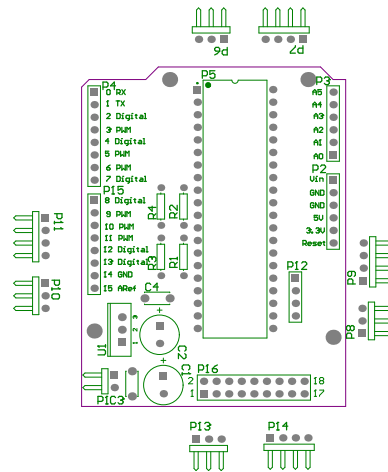
Fabrication per IPC-A-600

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 | Layer Thickness | Material Weight | Material Name | Material Type |
| Top Solder Mask  | C.075    | 0.0025mm        | 0.0025mm        | Solder Mask   | Resist        |
| Top Layer  | C.075    | 0.0025mm        | 1.6mm           | FR-4          | Core          |
| Bottom Layer   | C.075    | 0.0025mm        | 1.6mm           | FR-4          | Core          |
| Bottom Solder Mask   | C.075    | 0.0025mm        | 0.0025mm        | Solder Mask   | Resist        |

ALL DIMENSIONS ARE IN MILLIMETER UNLESS SPECIFIED

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Tel: 604-809-6267

ENGINEER:  
P. Belanger

PCB DESIGNER:  
P. Belanger

DATE:  
2011-01-16

FILE NAME:  
Robgt.PCBDOC

TITLE:

PROJECT: ART Robot

TITLE : Arduino Uno CPLD Daughter Board

LAST MODIFICATION DATE:  
2011-01-16

DWG NO:  
Robgt.PCBDOC

REV:  
1

SCALE:  
TABLOID