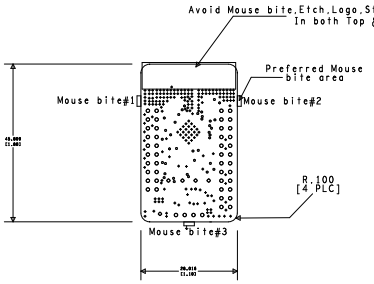
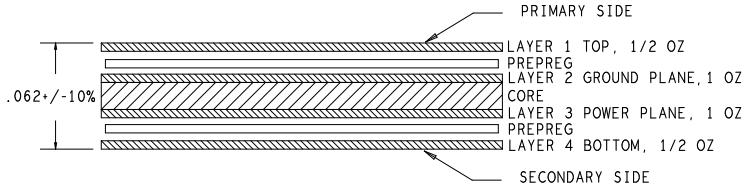
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	ALPHA RELEASE	03/11/14	RKPM
02	BETA RELEASE	06/16/14	RKPM
03	ES10 RELEASE	07/03/14	RKPM



DRILL CHART: PRoC_MODULE				
ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
·	8.0	+3.0/-3.0	PLATED	38
·	10.0	+3.0/-3.0	PLATED	193
○	40.0	+3.0/-3.0	PLATED	48
○	43.0	+3.0/-3.0	PLATED	5

NOTES:(UNLESS OTHERWISE SPECIFIED)

1. RoHS COMPLIANT CERTIFICATION OR MATERIAL DECLARATION REQUIRED
2. MATERIAL:
   A. IS410 OR EQUIVALENT. MATERIAL MUST CONFORM TO UL94V-0.
   B. USE HTE COPPER, AS SPECIFIED IN THE CROSS SECTION DIAGRAM
   C. OVERALL METAL TO METAL THICKNESS AS SPECIFIED IN THE CROSS SECTION
3. DRILLING:
   A. DIAMETERS IN DRILL TABLE ARE FINISHED HOLE SIZES +/-.003 tol.
      UNLESS OTHERWISE SPECIFIED IN DRILL TABLE.
   B. TEARDROP ALLOWED ON ENTRY OF VIA ON EVERY TRACE LAYER.
4. PLATING:
      COPPER PLATING IN THRU-HOLES .001 min.
5. MARKING:
   A. SILKSCREEN IN WHITE NON-CONDUCTIVE EPOXY INK ON PRIMARY SIDE OF THE
      BOARD OR BOTH SIDES IF APPLICABLE.
   B. FABRICATOR TO PLACE DATE CODE AND LOGO ON SECONDARY SIDE IN SILKSCREEN
6. FINAL FABRICATION:
   A. SOLDRMASK PRIMARY AND SECONDARY SIDE OF BOARD USING LIQUID PHOTOIMAGABLE
      MASK MATERIAL OVER BARE COPPER. PER IPC-SM-840. MASK ARTWORKS PROVIDED
      ARE 1:1. SOLDERMASK COLOR **BLACK**
7. FINISH:
   A. SHALL BE ELECTROLYTIC NICKEL/GOLD. ELECTROLESS NIKEL / IMMERSION GOLD. (ENIG)
   B. NICKEL THICKNESS: 100-200 MICROINCHES.
   C. GOLD THICKNESS: 3-10 MICROINCHES.
8. BOARDS SHALL BE PURCHASED FROM UL RECOGNIZED VENDORS ONLY AND SHALL BE
   MARKED IN COPPER ON SECONDARY SIDE OF BOARD WITH VENDORS UL IDENT.
   FLAMABILITY RATING (94-V0), DATE CODE (WWYY), AND RoHS COMPILANT SYMBOL.
9. MANUFACTURE BOARD TO BE IN ACCORDANCE WITH PERFORMANCE STANDARD
   IPC-6011/6012 CLASS 2 BOARD TO BE INSPECTED PER IPC-600-A CLASS 2.
10. MAXIMUM WRAP OR TWIST SHALL NOT EXCEED .007 in/in.
11. TESTING:
   A. FABRICATOR TO ADD TEST STRUCTURES OR CUPONS AS NEEDED.
   B. T-LINE IMPEDENCE TO BE TESTED OR GUARANTEE WITHIN 10% IF SPECIFIED IN
      THE CROSS SECTION. TOLERANCE TO BE +/-10% UNLESS OTHERWISE SPECIFIED.



UNLESS OTHERWISE SPECIFIED	SIGNATURES		DATE
DIMENSIONS ARE IN INCHES	DRAWN	PRAO	07/03/14
TOLERANCES ON; ANGLES +/- 2°	CHECKED	RKPM	07/03/14
2 PL DECIMALS +/- .010	ENGRG	RKPM	07/03/14
3 PL DECIMALS +/- .005	ISSUED		
THIRD ANGLE PROJECTIONS			

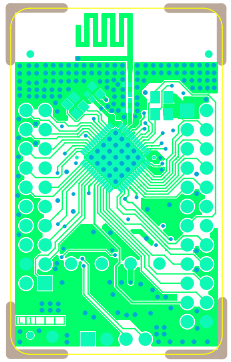
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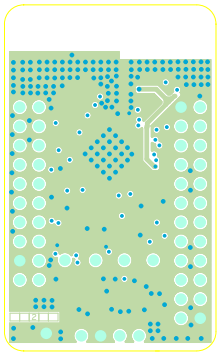
FABRICATION DRAWING
CY5671 PRoC BLE MODULE

SIZE	FSCM NO	DWG NO	REV
C		610-60188-01	03

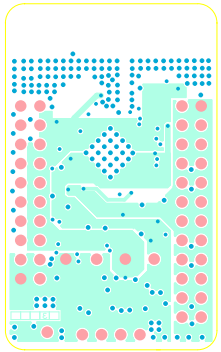
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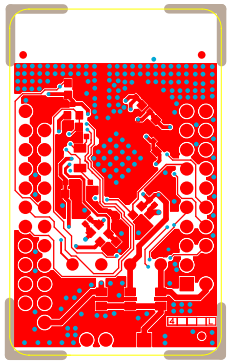
600-60196-01 REV03 PRIMARY SIDE



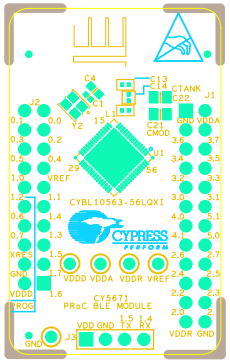
600-60196-01 REV03 GND LAYER



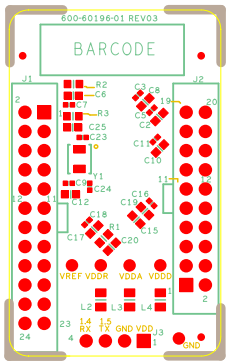
600-60196-01 REV03 VCC LAYER



600-60196-01 REV03 SECONDARY SIDE



600-60196-01 REV03 PRIMARY SILKSCREEN



600-60196-01 REV03 SECONDARY SILKSCREEN