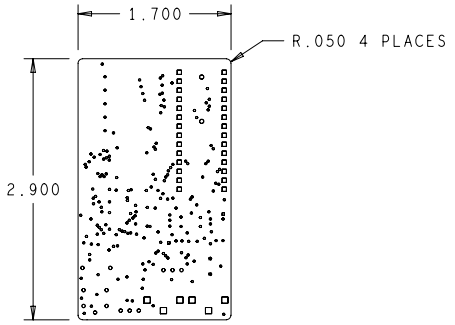
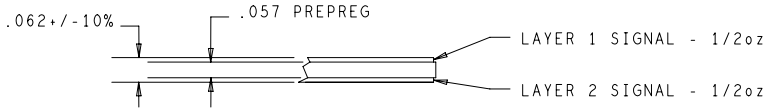
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	RELEASE FOR MANUFACTURING.	12/15/08	KEV
02	RELEASE FOR MANUFACTURING.	01/21/09	KEV
03	ES10 BETA RELEASE	04/15/09	KEV
04	FGI RELEASE	05/26/09	KEV
05	MOVED RT1 & R6 FGI RELEASE	06/22/09	KEV
**	PRODUCTION BUILD	07/16/09	KEV





DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
•	8.0	+3.0/-8.0	PLATED	194
▫	20.0	+3.0/-3.0	PLATED	2
◦	40.0	+3.0/-3.0	PLATED	13
▫	47.0	+3.0/-3.0	PLATED	28
□	70.0	+3.0/-3.0	PLATED	6
•	36.0	+3.0/-3.0	NON-PLATED	2
◦	44.0	+3.0/-3.0	NON-PLATED	2

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 ETCH (PREFERRED) OR 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 **BLUE**
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 .010 in/in.
11. TESTING:
   A. FABRICATOR TO ADD TEST STRUCTURES OR CUPONS AS NEEDED.
   B. T-LINE IMPEDENCE TO BE TESTED OR GURANTEED WITHIN 10% IF SPECIFIED IN THE CROSS SECTION. TOLERANCE TO BE +/-10% UNLESS OTHERWISE SPECIFIED.

UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE
DIMENSIONS ARE IN INCHES		
TOLERANCES ON; ANGLES +/- 2°	DRAWN ZMK	11/03/88
2 PL DECIMALS +/- .010	CHECKED KEV	12/15/08
3 PL DECIMALS +/- .005	ENGRG KEV	10/31/08
THIRD ANGLE PROJECTIONS	ISSUED	

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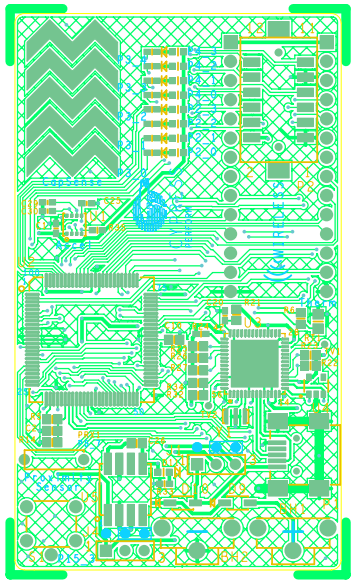
FABRICATION DRAWING
CY8CKIT-003 PSoC® 3 FirstTouch™ Starter Kit

SIZE	FSCM NO	DWG NO	REV
C		PDCR-9493	**

SCALE: 1/1 SHEET: 1 OF 1



PDCR-9493 REV ** PRIMARY SIDE

PDCR-9493 REV ** PRIMARY SILKSCREEN

PDCR-9493 REV** SECONDARY SIDE
PDCR-9493 REV ** SECONDARY SILKSCREEN