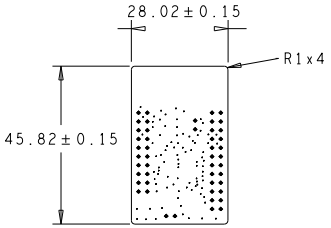
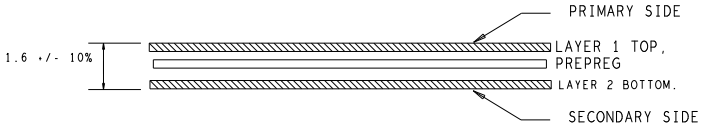
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1.0	INITIAL RELEASE	WW1528	
1.1	CHANGE ISSP CONNECTOR TO 10PIN	WW1530	



DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
·	10.0	+3.0/-3.0	PLATED	88
•	39.0	+3.0/-3.0	PLATED	48



NOTES (UNLESS OTHERWISE SPECIFIED):

1. GENERAL
   - 1.0 PCB MUST BE ROHS COMPLIANT. ~~HF COMPLIANT.~~
   - 1.1 STANDARDS-ALL RAW CARDS MUST CONFORM TO IPC6011/IPC-6012 CLASS 2 USING THE MOST CURRENT REVISION LEVEL.
   - 1.2 FOR INSPECTION, BOARDS MUST MEET THE REQUIREMENTS OF THE LEVEL OF IPC-600 USING THE MOST CURRENT REVISION LEVEL.
2. MATERIAL
   - 2.0 NEMA GRADE FR-4 140 MIN.
   - 2.1 SEE LAYER STACKUP DETAIL FOR FINISHED COPPER LAYERS AND PCB THICKNESS.
   - 2.2 FLAMMABILITY RATING 94V-0.
3. ETCH
   - 3.0 ETCH TOLERANCE ON ALL FOIL FEATURES INCLUDING FINISHED TRACE WIDTH AND SPACING TOLERANCE IS +/-15% OF THE ORIGINAL ARTWORK/GERBER DESIGN.
   - 3.1 THE ARTWORK/GERBER DESIGN MINIMUM TRACE WIDTH IS 0.004 INCH AND THE MINIMUM COPPER TO COPPER SPACING IS 0.004 INCH.
4. LAYER STRUCTURE
   - 4.0 REFER TO DETAIL STACKUP FIGURE FOR LAYER STRUCTURE AND ASSOCIATED ARTWORK.
5. FINISH
   - 5.0 PLATE THRU WITH COPPER.
   - 5.1 FINISH SURFACE: ENIG
   - 5.2 COPPER PLATING IN THRU-HOLES:0.001 INCH MIN.
6. SOLDERMASK
   - 6.1 SOLDERMASK TO BE GREEN.
   - 6.2 SOLDERMASK TO BE IN ACCORDANCE WITH IPC-SM-840C CLASS T.
7. DRILLING
   - 7.0 DIAMETERS IN DRILL TABLE ARE FINISHED HOLE SIZES +/-0.003 INCH TOL. UNLESS OTHERWISE SPECIFIED IN DRILL TABLE.
   - 7.1 TEARDROP ALLOWED ON ENTRY OF VIA ON EVERY TRACE LAYER.
8. MARKING
   - 8.0 MARKING TO BE WHITE.
   - 8.1 MARKING NOT TO ENCROACH ON SURFACE MOUNT LANDS.
   - 8.2 FABRICATOR SHOULD ADD DATE CODE AND LOGO ON WHERE CYPRESS INDICATES.
9. VENDOR OPTIONS/REQUIREMENTS
   - 9.0 VENDORS MAY MAKE THE FOLLOWING CHANGES WITHOUT CYPRESS APPROVAL:
     - ADD TEARDROPS
   - 9.1 ANY OTHER CHANGES NEED WRITTEN APPROVAL FROM CYPRESS.
10. WARP/TWIST
    - 10.0 MAXIMUM WARP OR TWIST SHALL NOT EXCEED 0.5%.

UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE
DIMENSIONS ARE IN INCHES	DRAWN	WW1530
TOLERANCES ON: ANGLES +/- 2°	CHECKED	WW1530
2 PL DECIMALS +/- .010	ENGRG	
3 PL DECIMALS +/- .005	ISSUED	
THIRD ANGLE PROJECTIONS		

CYPRESS PROPRIETARY
THIS DOCUMENT CONTAINS CONFIDENTIAL, PROPRIETARY INFORMATION THAT IS CYPRESS SEMICONDUCTOR PROPERTY. DO NOT DISCLOSE TO OR DUPLICATE FOR OTHERS EXCEPT AS AUTHORIZED BY CYPRESS.

CYPRESS SEMICONDUCTOR
198 CHAMPION COURT
SAN JOSE, CA 95134
(408) 943-2600

SIZE	FSCM NO	DWG NO	REV
C		610-20085-01	1.1

SCALE: 1/1 SHEET: