

| REVISIONS |             |      |          |
|-----------|-------------|------|----------|
| REV       | DESCRIPTION | DATE | APPROVED |
|           |             |      |          |

FABRICATION NOTES:

1. MATERIAL: COPPER WEIGHT SHALL BE 2oz OUTER 1oz INNER.  
OVERALL BOARD THICKNESS TO 0.062" +/- 0.007"

2. UNLESS OTHERWISE SPECIFIED ALL HOLE DIMENSIONS APPLY AFTER PLATING.

3. ALL HOLES SHALL BE LOCATED WITHIN 0.003" DIAMETER OF TRUE POSITION. LAYER TO LAYER REGISTRATION SHALL BE WITHIN 0.003".

4. CONDUCTOR WIDTHS AND SPACING SHALL BE WITHIN +/-0.001" OF ARTWORK ORIGINALS.

5. APPLY SOLDERMASK OVER BARE COPPER. COLOR: BLUE. HASL/SMOBC

6. WARP OR TWIST OF BOARD SHALL NOT EXCEED 0.010 INCH PER INCH.

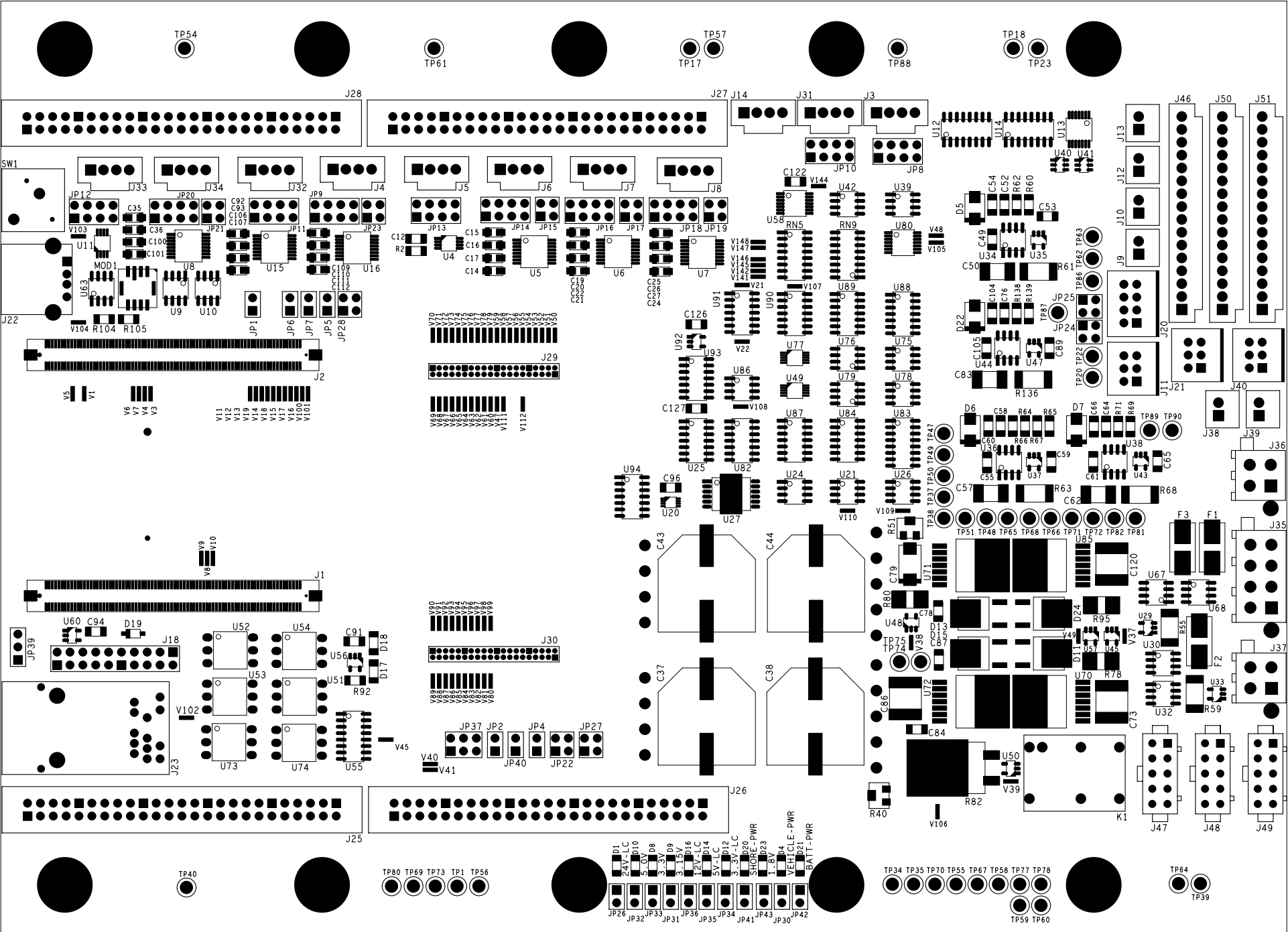
7. SILKSCREEN BOTH TOP AND BOTTOM COMPONENT SIDES WITH WHITE EPOXY INK.

8. REMOVE ALL BURRS.

9. CUT OUTSIDE OF 0.001" BOARD OUTLINE.

LAYER STACK-UP:

1: TOP  
2: IN1  
3: GND  
4: PWR  
5: IN2  
6: BOT



|                                                                                                                                                                                 |                        |      |                                                                                     |                 |                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------|-------------------------------------------------------------------------------------|-----------------|--------------------|
| UNLESS OTHERWISE SPECIFIED<br><br>DIMENSIONS ARE IN INCHES<br><br>TOLERANCES ON:<br>2 PL DECIMALS +/- 0.02"<br>3 PL DECIMALS +/- 0.005"<br>ANGLES +/- 1 Degree<br>FRACTIONS 1/2 | SIGNATURES             | DATE | TETHYS MOTHERBOARD                                                                  |                 |                    |
|                                                                                                                                                                                 |                        |      | MONTEREY BAY AQUARIUM RESEARCH INSTITUTE<br>7700 SANDHOLDT ROAD<br>MOSS LANDING, CA |                 |                    |
|                                                                                                                                                                                 | DESIGNED BY: CHAD KEYC |      | SIZE<br>C                                                                           | REVISION<br>1-6 | DWG NO<br>10020256 |
|                                                                                                                                                                                 | LAYOUT BY: JOSE ROSAL  |      | SCALE<br>1-1                                                                        | SHEET<br>1-1    |                    |
|                                                                                                                                                                                 |                        |      |                                                                                     |                 |                    |