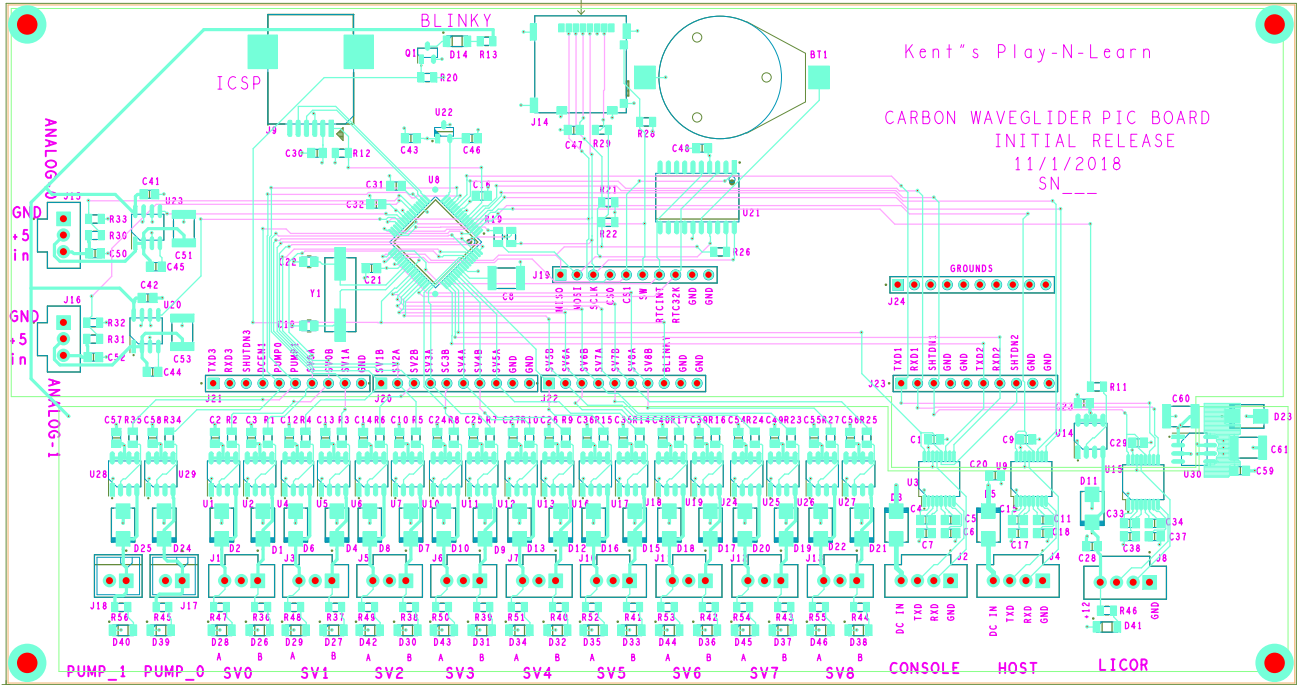


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



CLASS II FABRICATION NOTES: (UNLESS OTHERWISE SPECIFIED)

- BOARDS SHALL BE 100% NET LIST TESTED FOR OPENS AND SHORTS PER PROVIDED IPC-D-356 NETLIST.
- THIS BOARD SHALL BE MANUFACTURED IN ACCORDANCE WITH IPC-6012A CLASS II SPECIFICATIONS AND MEET IPC-600 CLASS II ACCEPTABILITY STANDARDS.
- MATERIAL:
 - FR4 PER IPC 4101B/24, /26, OR /28.
 - SIGNAL LAYERS TO BE 1 OZ. COPPER.
 - PLANE LAYERS TO BE 1 OZ. COPPER.
 - OVERALL THICKNESS TO BE 0.062" +/- 0.007"
- LEGEND:
 - WHITE NON-CONDUCTIVE EPOXY INK BOTH SIDES.
- SOLDERMASK:
 - APPLY LIQUID PHOTO-IMAGABLE (LPI) SOLDER MASK OVER BARE COPPER PER IPC-SM-840 CLASS H, COLOR BLACK, BOTH SIDES.
- PLATING FINISH:
 - HOT AIR SOLDER LEVELING (HASL) SN63A SnPb SOLDER.
 - ~~IMMERSION SILVER PLATING~~
- PROCESS ALLOWANCES:
 - MAXIMUM BOW AND TWIST SHALL NOT EXCEED .007" PER INCH
 - HOLE DIMENSIONS APPLY AFTER PLATING.
 - ALL HOLES SHALL BE LOCATED WITHIN 0.003" DIAMETER OF TRUE POSITION.
 - LAYER TO LAYER REGISTRATION SHALL BE WITHIN 0.003"
 - CONDUCTOR WIDTHS AND SPACING SHALL BE WITHIN +/- 0.002"
 - REMOVE ALL BURRS AND BREAK SHARP EDGES 0/015" MAX.
 - CUT OUTSIDE OF 0.001" BOARD OUTLINE.

VISIBLE LAYERS
TOP Cu
BOTTOM Cu
TOP SILK

UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE	CARBON WAVEGLIDER PIC CONTROLLER		
DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PL DECIMALS +/- 0.02" 3 PL DECIMALS +/- 0.005" ANGLES +/- 1 Degree FRACTIONS 1/2			MONTEREY BAY AQUARIUM RESEARCH INSTITUTE 7700 SANDHOLDT ROAD MOSS LANDING, CA		
			SIZE B	REVISION INITIAL REL	DWG NO 10021161
	DESIGNED BY: engineer				
	LAYOUT BY: JOSE ROSAL		SCALE 1-1		SHEET 1-1