

1. Part number: 10020895-BPB1
2. Contact information: Denis Klimov, MBARI, 7700 Sandholdt Rd, Moss Landing, CA 95039;
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 - b. After hours: 831-235-6515
 - c. Fax: 831-775-1608,
 - d. Email: Klimov@mbari.org
3. Dimensions: 4.250"x1.000" with 4 mounting holes - see drawing 2nd page.
4. Material: FR4 0.062" thick
5. Trace width/Space: 0.012"/0.012"
6. Smallest hole size: 0.038"
7. Copper Layers: 2layers, Top, Bottom
8. Plating: Hot Air Solder Level (HASL), Leaded
9. Copper weight: 1oz (outer)
10. Solder Mask: Solder Mask Top (Green), Solder Mask Bottom (Green)
11. Legend: 2 layers Silk Screen Top (White), Silk Screen Bottom (White)
12. Holes plating: all holes plated thru
13. Array: 5 up, scored edge to edge

Table 1. Layers position in the board (also indicated in right upper part of the board)/ ORCAD CONVENTION

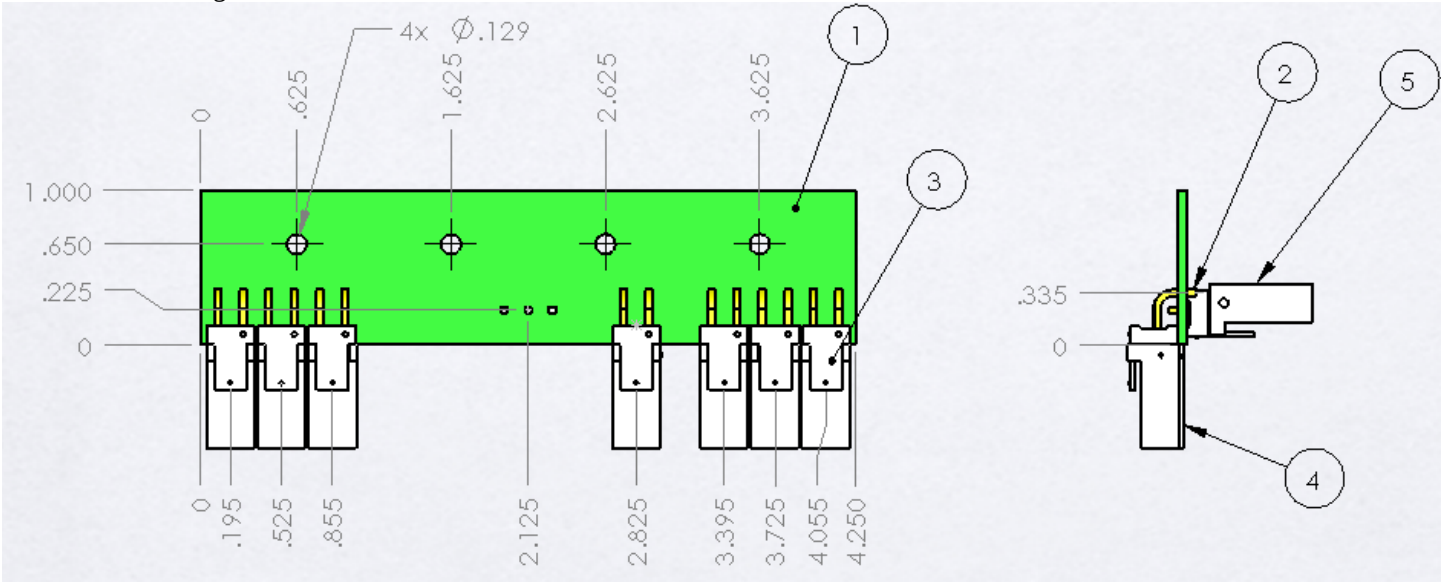
Extended Gerber Filename	Layer position, type, name	Layer function
*.SST	Silk Screen Top	Annotation layer
*.SMT	Solder Mask Top	Solder mask
*.TOP	Top Layer	Routing layer
*.BOT	Bottom Layer	Routing layer
*.SMB	Solder mask Bottom	Solder mask
*.SSB	Silk Screen Bottom	Annotation layer

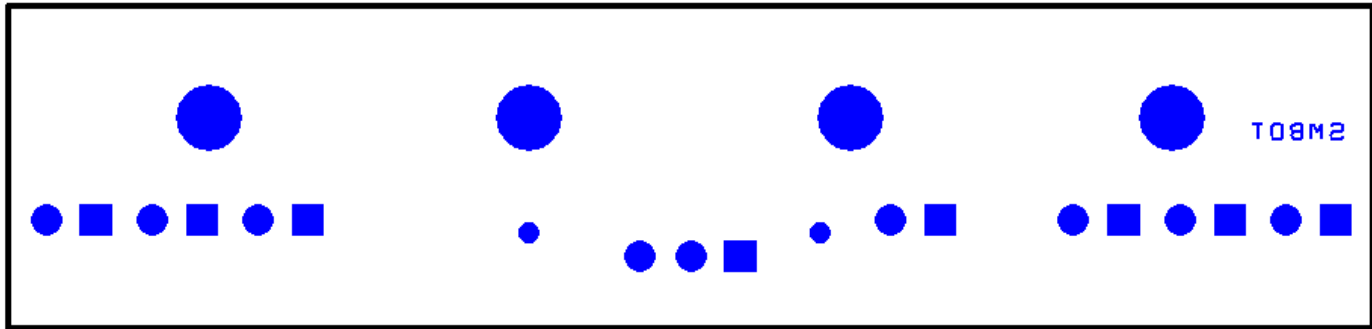
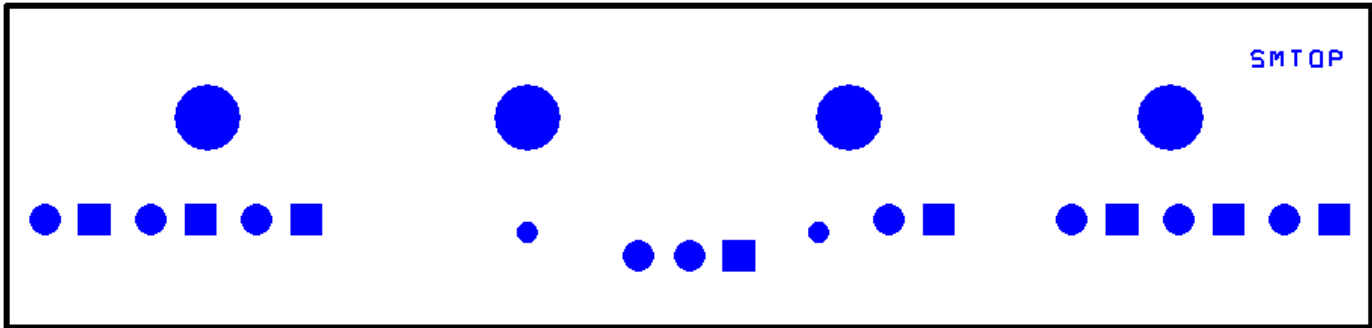
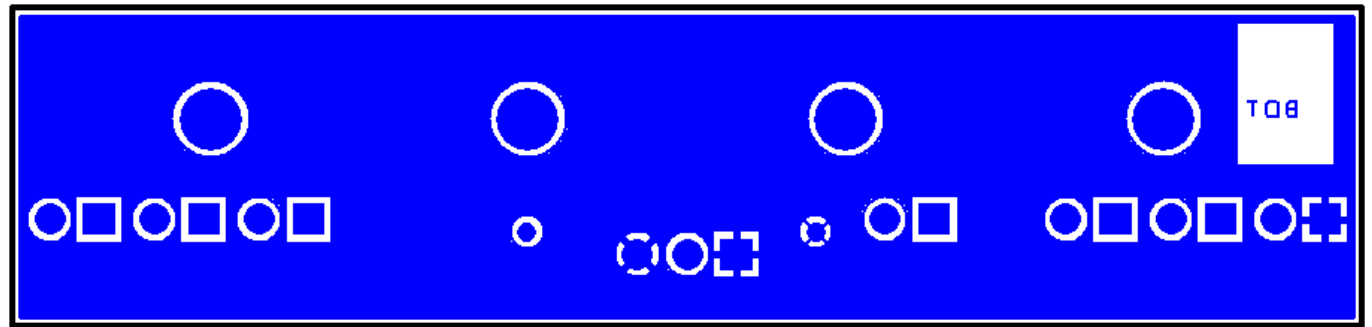
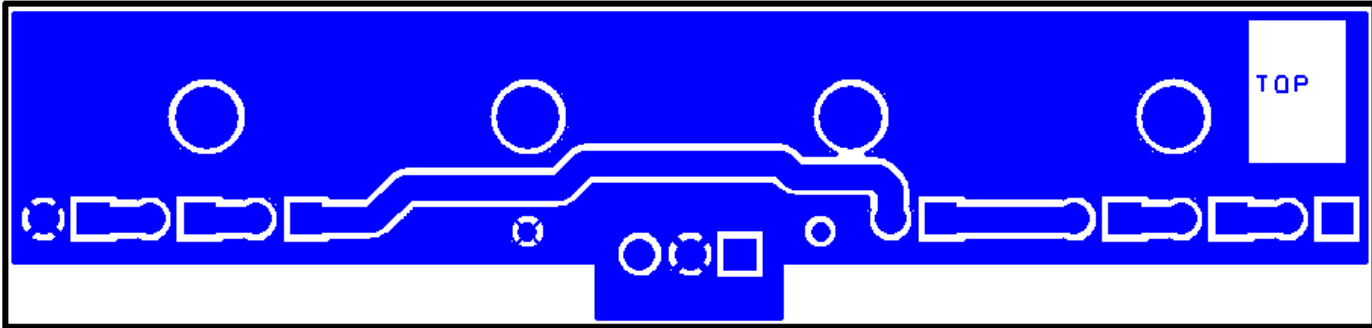
Table 2. Other files included (ORCAD 16 CONVENTION):

*.DRD	Drill file
*.FAB	Fabrication file with dimensions
THRUHOLE.tap	Drill file.
*.DTS	Drill Tape Summary Report
*.GTD	Gerber Design File
*.LIS	Post processor report

Total: 13 files, including Read_me.doc file

Mechanical Drawing





Copyright MBARI, 2013
BEDS Battery Pack Board
10Q20B95-BPB1

SST

MH2

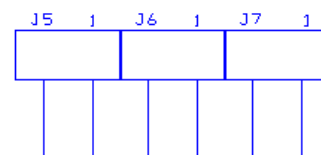
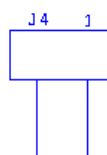
MH3

MH4

MH1

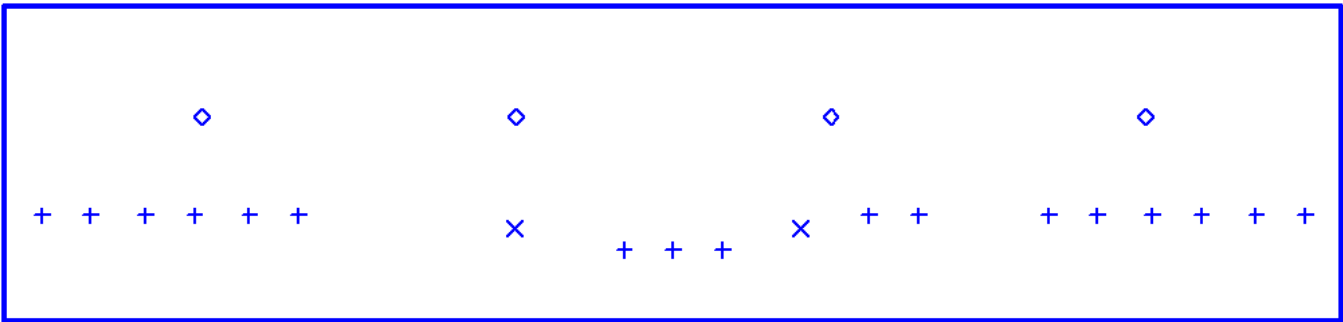


JB (bottom)



T0822





DRILL CHART				
SYM	DIAM	TOL	QTY	NOTE
x	0.038	+/-5	2	
+	0.070	+/-5	17	
◇	0.129	+/-5	4	
TOTAL			23	

