



Sierra Proto Express

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Quotation

Quote Number: **Q75251-1**
Quote Date: Jun 3 2009
Quote Valid Till: Jul 3 2009

Customer: MBARI Payment Terms: NET 30	Buyer: Denis Klimov Tel: 831-775-1914 Email: klimov@mbari.org Fax:	Address: 7700 Sandoldt Rd Moss Landing California 95039 United States
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PART NUMBER: **1002892-BPB1** REV: **1**

Layers	6	Indv Brd Dimensions	4.2 in x 6.55 in	Array	No
Spec	Class2	Finished Thickness	0.062 inches	Minimum Trace (Inner layer)	Not Applicable
Gerbers provided?	Yes	Thickness Tolerance	Plus or Minus 10%	Minimum Space (Inner layer)	Not Applicable
Layer order provided?	Yes	Surface Finish	HASL	Solder Mask Sides	Top and Bottom
Board outline provided?	Yes	Gold Fingers	No	Solder Mask Color	Green
Drill file provided?	Yes	Outer Layer Finish Copper	2 Oz	Solder Mask Type	LPI
Fab drawing provided?	Yes	Inner Copper	1 oz Innings	Solder Mask Finish	Standard (Semi-Gloss)
IPC Netlist Provided?	Yes	Electrical Test	Yes	Solder Mask Via Opens	Open on both sides
Assembly BOM Available	No	Controlled Impedance	None	SM Plugged Vias	No
Arrays need to be created by Sierra	No	Controlled Dielectric	No	Silk Screen Sides	Both
Individual Route	Yes	Number of Holes Per Board	1091	Silk Screen Color	White
Route and Retain	No	Minimum Hole Size	20 mil	Logo Allowed	In copper or silk screen
Scoring	No	Internal Slots	None	Photo plots	No
Material	FR4	Internal Cutouts	None	Solderpaste Files for Customer	No
UL Required	Yes	Minimum Trace (Outer layer)	12 mil	Cross Section certificate	No
ROHS compliant	No	Minimum Space (Outer layer)	6 mils	Micro Section Coupon	No

Not sure due to missing information ## Not sure due to discrepancy

Internal Rep: Sheilah A
Phone: 408 735 7137 x 9913 Fax: 408-735-1408
Email: sheilah@protoexpress.com

Quote Line Item Number	Due Qty	Delivery Days	SubTotal	NRE	Netlist Test	Other	Total
Q75251-1A	8 Board(s)	5 Days	\$1144.96 Unit Price: \$143.12 (Tooling waived)	\$0.0	\$0.0	\$0.00	\$1144.96
Notes:(Testing will be done, but charges waived)							
Q75251-1B	10 Board(s)	5 Days	\$1145.00 Unit Price: \$114.50 (Tooling waived)	\$0.0	\$0.0	\$0.00	\$1145.00
Notes:(Testing will be done, but charges waived)							

This quote is only valid for 30 days unless otherwise agreed upon in writing by our representatives. Sale subject to limited warranty. Warranty extends only to bare PCBs and does not apply after components are added by you or others. Our liability shall not exceed price paid by you for the ordered PCBs. No change or addition to these terms, or any additional or different terms on your purchase order, shall be binding on us unless executed in writing by one of our officers.

If your design calls for green LPI soldermask, we may elect to use the new Taiyo LDI green soldermask (PSR 9000 LDI), which is slightly different visually but otherwise has same functionality as regular soldermask.

All orders are FOB Sunnyvale, California, unless otherwise specified within the Quote.

Sierra Proto Express Sales Team: Phone: (800) 763-7503. Files for quotes and orders should be sent directly to files@protoexpress.com; for faster process. Any communication or files for Milspec quotes and orders should be sent to dedicated email inbox; MilspecFiles@protoexpress.com. Thank you for the opportunity to quote your PCB needs.

Disclaimer: If IPC Netlist is not provided in 356 format, Sierra Proto Express will create a netlist from the incoming customer Gerber files to generate an electrical test program. In such cases, Sierra cannot guarantee, nor can it be liable for the electrical performance of the boards, since the test program itself is derived from the files submitted.