



Sierra Circuits, Inc.

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Quotation

Quote Number: Q184710-1

Quote Date: Jan 17th, 2013

Quote Valid Till: Feb 17th, 2013

Customer MBARI Payment Terms: Net Credit Approved	Address: 7700 Sandoldt Rd Moss Landing California 95039 United States	Buyer: Denis Klimov Phone: 831-775-1914 Email: klimov@mbari.org Fax:	Account Manager : Gabriel Chavarria Phone: 408-735-7137 x 9839 Email: gabrielc@protoexpress.com Fax:
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PART NUMBER: 10020895-MOB1 **REV:**

Quote Line Item	Quantity	Turn Time	Price	NRE	Testing	Misc	Line Total
Q184710-1A PCB Fabrication	10 Board(s)	3 Days	\$97.50 Piece Price	\$0.00 (Tooling waived)	\$0.00 (Testing will be done, charges waived)	\$0.00	\$975.00
Notes:							
Q184710-1B PCB Fabrication	10 Board(s)	2 Days	\$121.90 Piece Price	\$0.00 (Tooling waived)	\$0.00 (Testing will be done, charges waived)	\$0.00	\$1219.00
Notes:							

Layers	: 4	Indv Brd Dimensions	: 3.00 in x 5.280 Array	: No
PCB Fabrication Spec	: IPC-600 Class 2	Finished Thickness	: 0.062 inches	Min Space (Inner layer) : Not Applicable
ITAR?	: No	Thickness Tolerance	: Plus or Minus 10%	Solder Mask Sides : Top only ##
Gerbers provided?	: Yes	Surface Finish	: HASL	Solder Mask Color : Green
Layer order provided?	: Yes	Gold Fingers	: No	Solder Mask Type : LPI
Board outline provided?	: Yes	Outer Layer Finish Copper	: 1.5 Oz	Solder Mask Finish : Standard (Semi-Gloss)
Drill file provided?	: Yes	Inner Copper	: 0.5 oz Inners	Solder Mask Via Opens : Covered on both sides
Fab drawing provided?	: Yes	Electrical Test	: Yes	SM Plugged Vias : No
IPC Netlist Provided?	: No	Controlled Impedance	: None	Silk Screen Sides : Both
Assembly BOM Available ?	: No	Controlled Dielectric	: No	Silk Screen Color : White
Arrays need to be created by Sierra ?	: No	# of Holes Per Board	: 272	Logo Allowed : In copper or silk screen
Individual Route	: Yes	Minimum Hole Size	: 10 Mils or more	Photo plots : No
Route and Retain	: No	Internal Slots	: None	Solderpaste Files for Customer : No
Scoring	: No	Internal Cutouts	: None	Cross Section certificate : No
Material	: FR4	Min Trace (Outer layer)	: 10 mils	Micro Section Coupon : No
UL Required	: No	Min Space (Outer layer)	: 7 mils	
ROHS compliant	: No	Min Trace (Inner layer)	: Not Applicable	

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

Generic Terms & Conditions:

1. All orders are FOB Sunnyvale, California, USA unless otherwise specified within the Quote. For deliveries outside USA, all Duties and Customs are the responsibility of the customer, unless otherwise agreed upon in writing.
2. Prices are quoted in US Dollars; Taxes and Shipping Charges are extra as applicable.
3. This quote is only valid for 30 days unless otherwise agreed upon in writing by our representatives.
4. Payment terms are mentioned at the top of this Quote.
5. Prices shown on this document are based on information provided by customer's Gerber files and associated instructional documents at date of quotation/order. To facilitate quick-turns, customers sometime request us to release orders with a pending PO. Any changes requested to PCB manufacture/assembly processes after placing order, or any new details that emerge in a pending PO, may result in additional charges.
6. The Turn Time shown is calculated using business days. Weekends and business holidays are excluded in any turn time calculations. Additional turn days may be added to orders that are placed "On Hold," waiting for customer response for resolution of missing information or discrepancies.

PCB Fabrication Terms & Conditions

1. Sale subject to limited warranty. If you are buying PCBs only, then 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.

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

3. If IPC Netlist is not provided in 356 format, Sierra Circuits Inc 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.

4. If you are ordering our "Web PCBs" product, where applicable, the selection you made online, and the product you chose online, takes priority over your fab drawing or readme notes.

Example: Say you chose material FR4 online and your fab drawing calls for Rogers material, we will simply process your order using FR4 material. The price quoted online is based on the specifications and product you chose online

Please contact me if you have any questions about this quote.

Best Regards,
Gabriel Chavarria
Account Manager
Sierra Circuits, Inc.

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End of Quote Q184710-1 from Sierra Circuits, Inc.

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