



## Turn-Key PCB Assembly

Bittele Electronics Inc.  
 250 Consumers Road, Suite 506  
 North York, Ontario, M2J 4V6, Canada  
 Tel: (416) 800-7540, Fax: (416) 800-7548

# QUOTATION

Number: Q31324A1

**Account Manager:**

Sana Azmath  
 Phone : (647) 352 - 5925  
 Email : sales@7pcb.com  
 www.7pcb.com

**Quote To:**

Matthew Chan  
 University of Waterloo

**Date:** 2015-01-16

**Expiry:** 2015-02-15

**Currency:** US Dollars

**Terms:** Credit card

**Job Description**

Service: PCB+Parts Procurement+Assembly  
 DNI Parts(Not quoted):Item#21  
 Consigned Parts:Item#1-4, 6-15, 17, 19, 20

ControlModule\_15\_01\_16

**Delivery:** UPS Express

**Client Id**

Qty (pcs)	BARE BOARDS UNIT PRICE	BOM UNIT PRICE	ASSEMBLY UNIT PRICE	Shipping UNIT PRICE	TURN TIME DAYS	Sub-Total UNIT PRICE	LINE TOTAL
10	17.87	9.53	50.83	10.06	14	88.29	882.93

**Board Specification:**

**Board Size:** 2.97 inch X 3.25 inch  
**Panel Size:** inch X inch  
**Board Thickness:** 0.063 inch  
**Legend Color:** White 2 Sides  
**Copper Weight:** Outer 1.0/1.0 oz  
**Panelization:** 1PNL = pcs.  
**Blind or Burried vias:** NO  
**Projects on board:** 1

**Impedance Control:** NO  
**Materials:** FR4(TG140)  
**No. of Layers:** 2  
**Mask Color:** Black 2 Sides  
**Electrical Testing:** Yes  
**Surface Finish:** Gold Immersion  
**Gold finger:** NO  
**Via on Pad: No**  
**BGA/QFN** 0  
**Fine Pitch** 0

**SMT Pads** 106  
**Holes** 124  
**BOM Line** 23  
**All Parts** 45  
**Double Side** N  
**Lead free** N  
**BGA/Fine Pitch** 0  
**Smallest Pkg** 0603  
**Programming**  
**Conform Coating**

**Special Requirement:**

1. Applicable taxes are not included.
2. Shipping fee for Finished products&parts procurement is included and excluded for consigned parts.
3. Please indicate Bittele Quote Number on all purchase orders.
4. This quote is based on the information available at the time of quotation and may change upon complete engineering review of applicable documentation and purchase order requirements.
5. Any special requirements for parts must be listed on BOM, such as parts programming, baking, etc.
6. Unless specified all through Hole part leads will be trimmed to 1 mm
7. Any parts shortages will result in the delivery delay.
8. Boards assembly will be in compliance with IPC-A-610; Class 2.
9. Quotes exclude conformal Coating, functional Testing and chips programming
10. In no event shall Bittele Electronics liability exceed the amount of the order placed
11. Turn Time is our production time(Monday to Saturday) excluding public holidays and UPS shipping time.
12. Turn Time subject to change in case of any unanticipated delays

**THANK YOU FOR YOUR BUSINESS**