



Turn-Key PCB Assembly

Bittele Electronics Inc.
2680 14th Ave, Unit 1&2
North York, Ontario, M2J 4V6, Canada
Tel: (416) 800-7540, Fax: (416) 800-7548

QUOTATION

Number: Q63664A1

Account Manager:

Garrett Renders
Phone : (416) 800-7540 ext.103
Email : garrett.renderers@7pcb.com
www.7pcb.com

Quote To:

Adam Gierlach/Gerard O'Leary
University of Toronto
Canada

Date:

2019-07-26

Expiry:

2019-08-25

Currency:

US Dollars

Terms:

Credit card

Job Description

MEA_CLDP_2019_07_26

Service: PCB+Parts Procurement+Assembly

DNI Parts (Not quoted) Item#: 11, 12

Consigned Parts (Not quoted) Item#: 30

Bittele Stock for approval Item#: 2, 26, 28, 29

Parts for approval Item#: 6; Please see BOM for more information

Delivery:

Fedex Priority

Project Name:

MEA_CLDP

Qty (Panels)	BARE BOARDS UNIT PRICE	BOM UNIT PRICE	ASSEMBLY UNIT PRICE	Shipping UNIT PRICE	TURN TIME DAYS	Sub-Total UNIT PRICE	LINE TOTAL
PCB Fabrication							
4	192.86					192.86	771.44
Parts Procurement + PCB Assembly							
2		143.39	300.56	48.71	17	492.66	985.32
						SUB-TOTAL:	1756.76

Board Specification:

Panel Size: 3.45 inch X 7.42 inch
Board Size: inch X inch
Board Thickness: 0.063 inch
Legend Color: White 2 Sides
Copper Weight: Outer 1.0/1.0 oz Inner 1.0/1.0 oz
Panelization: 1PNL = 6 pcs.
Blind or Buried vias: NO
Projects on board: 1

Impedance Control: NO
Materials: FR4(TG170)
No. of Layers: 4
Mask Color: Black 2 Sides
Electrical Testing: Yes
Surface Finish: Gold Immersion
Gold finger: NO
Via on Pad: NO
BGA 0
QFN 6 190 0.50

SMT Pads	624
Holes	338
BOM Line	32
All Parts	125
Double Side	Y
Lead free	Y
BGA/QFN	6
Smallest Pkg	0402
Programming	
Conform Coating	

Special Requirement:

A) All the consigned parts are to be sent as a single shipment from your company

B) Please label the parts with the quotation# and Item#, for example (Q63664A1#3...Q63664A1#4..)

C) For SMT placement, cut tapes are acceptable, an extra 50 pieces are required for passive parts like capacitors and resistors with small packages

Only assemble Item #30 (consigned) on 1 PCBA (leave as Do Not Install on other PCBAs).

Use cut-out for horizontal V-Cut.

6 Designs per Set. Shipped as Panels.

Terms and Conditions:

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 from Monday to Saturday in China, excluding public holidays and UPS shipping time.
12. Turn Time subject to change in case of any unanticipated delays

THANK YOU FOR YOUR BUSINESS