



HUGHES ELECTRONICS PRODUCTS CORPORATION

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ISO 9001:2015 certified

MSU Physics Department

October 27, 2022

Quotation
#MSU102722c Revised

Attention: Dan Edmunds

Below is brief description and pricing for the **Alpha & Beta PC boards:**

- This project includes bare PC Board manufacture only.
- Quote parameters: 2-layer designs, Rogers AD-1000 material, ENIG finish, 1/2 oz copper start, 0.050" base material thickness +/- tolerance, 2 green masks, one white legend, to be delivered in panel form to be cut apart by MSU.
- There could be a 5-7 day material lead time.

Tooling for each version:

- New 2 Layer PCB Tooling & Test \$included in lot fees

Unit Pricing:

- 3 bare Rogers Matl PC boards in panel form (Alpha boards) \$1,591 lot fee
- 3 bare Rogers Matl PC boards in panel form (Beta boards) \$1,591 lot fee
- 6 bare Rogers FR4 PC boards in panel form (Alpha boards) \$ 629 lot fee
- 6 bare Rogers FR4 PC boards in panel form (Beta boards) \$ 629 lot fee
- Total \$4,440 LOT

Delivery:

- Estimated ship time is 15-16 days from receipt of order.
- A fabrication day is counted when the order comes before 9:00AM. Orders received after 9AM are considered next business day.
- FOB Livonia, MI.

Thank you for the opportunity to quote.

Sincerely,
Chris Thomas

General Terms & Conditions

Placement of an order constitutes an agreement to the Terms & Conditions listed within this quote. Hughes Electronics has the right to adjust pricing and delivery based on requirements not included in the initial RFQ package. Pricing and availability of Electronic Components is volatile & subject to change at any time. Pricing is based on availability at the time of inquiry. Hughes Electronics is acting solely as a Purchasing Agent in the Buyers behalf and is not liable for component defects, Vendor stock levels, or significant component price increases. Customer is responsible for work ordered & completed. Cancellation only upon written consent of Hughes Electronics. Unless an electrical test is provided, Hughes Electronics cannot be responsible for operational failures or any type of system problems caused by this product. Hughes Electronics does "Guarantee its workmanship against defects". Hughes Electronics is not responsible for international custom delays, Acts of God or Acts of War. NET30 payment terms and FOB Livonia MI, unless otherwise noted. On Printed Circuit Board only orders, our maximum liability is to replace the bare PC Boards only. Quote filename: alpha_beta_hughes_quote_28oct22.doc