

IDERS Manufacturing Services Quotation Form

Project Information:

Customer Name:

Project Name:

Board Description:

Board Part Number:

Panel Number:

IDERS Contact Information:

IDERS Contact 1:

IDERS Contact 2:

Order Specifications:

Quantity:

Lead Time:

Bareboard Electrical Test (100% coverage)

Board Specifications (IPC 6012 and 6011):

Commercial (Standard) (Class 2)

Military (Class 3)

Material (UL 94V-0 Approved):

FR-4 (Standard)

Polyimide

BT Epoxy

PTFE

Other (please specify)

Number of Layers:

Board Length:

Board Width:

Board Thickness:

Board Thickness Tolerance:

Thinnest Dielectric:

continued on page 2

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Starting Copper Weight

Internal:

External:

Starting Copper Height Tolerance

Internal:

External:

Number of Holes:

Smallest Hole Size:

Hole Placement Tolerance:

Hole Diameter Tolerances (FHS)

Via:

Plated:

Unplated:

Number of SMT Pads:

Top:

Bottom:

Minimum Trace Width

Inner:

Outer:

Minimum Trace Spacing:

Inner:

Outer:

Smallest SMT Pitch:

BGA Pitch:

Palleting Information:

Unpalleted

Palleted

Boards per Pallet:

Pallet Length:

Pallet Width:

Depanelization Method:

V-score (Via Pizza Cutter) (.015" minimum web thickness)

Milled Webbing (Via Strip Separator)

Other (please specify)

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Solder Mask:

All Mask LPI, Soldermask over bare copper, matte finish. Must withstand 220°C reflow process.

Please select one of the following:

- Green (Recommended)
 - Black
 - Blue
 - Red
-

Available Finishes:

Please select one of the following:

- HASL (3-10 micro inches)
 - Electroless Nickel / Immersion Gold (Recommended when BGAs present)
(3-8 micro inches Immersion Gold over minimum 100 micro inches Nickel)
 - White Tin Immersion
 - Organic Coating
 - Silver
-

Silk:

Silk to be white, non-conductive, and should not interfere with the soldering process.

DFM Options:

Please check any applicable boxes:

- OK to teardrop trace at via entrance
 - OK to remove unused inner pads
 - OK to clip silk from solder mask
 - Panel X-outs OK
-

Warpage Specification:

PCB warpage not to exceed 0.75% as per IPC-610F standard on twist and bow as measured by IPC-TM-650 method 2.4.22.

Other

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Special Notes on Cleaning of Board / Assembly:

Special Features:

Please check any applicable boxes:

Controlled Impedance Class 3

Gold Fingers MIL-PRF-31032

Plugged Via MIL-PRF-55110

Buried Via

Blind Via

Board Files Required for Quote:

Please provide the following information in electronic format to IDERS in providing you with a timely and accurate quote. Please check box if file is attached.

Board Stackup file name(s):

IPC Netlist file name(s):

Drill File (Excellen Format) file name(s):

NC Route File (Excellen Format) file name(s):

Tool List file name(s):

Mechanical Outline Gerber file name(s):

External Silk Gerber file name(s):

External Layer Soldermask Gerbers file name(s):

External Paste Gerbers file name(s):

Pick and Place (By Body Centre) file name(s):

Bill of Materials file name(s):

Etch for all Layers file name(s):

Fabrication Spec file name(s):

Assembly Drawing file name(s):

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Additional Customer Comments:

IDERS Notes: (For IDERS use only)