



## PCB Layout Services Quote Request

Date: \_\_\_\_\_

Part Number \_\_\_\_\_ Rev \_\_\_\_\_

Project Name \_\_\_\_\_

CDS is dedicated to providing high quality and accuracy in every PCB design project. In order to achieve this goal, we ask that you please complete the following form which will define the basic specifications needed to complete your layout.

**Primary Design Input:** Please provide the following (minimum)

- A. Dimensioned board outline drawing including all mounting and tooling holes, connectors, any critical component locations, and any special clearances for restricted areas and/or hardware.
- B. A parts list (BOM) that includes all reference designators, package descriptions, and the manufacturers' part number.
- C. A complete, pinned-out copy of the schematic in .pdf format with reference designators defined.
- D. Any special engineering notes or instructions that will affect the routing (including impedance controlled lines and high amperage signals).

**Circuit Input:**

Schematic capture system used: \_\_\_\_\_

Are connector pin assignments fixed                      YES                      NO

Is gate / pin swapping permitted                      YES                      NO

**Component placement:**

\_\_\_\_\_ Non-restricted      \_\_\_\_\_ Suggested      \_\_\_\_\_ Fixed

Is component placement drawing provided                      YES                      NO

Are there any components that must lay down                      YES                      NO

Please specify \_\_\_\_\_

Are there any special placement and orientation requirements                      YES                      NO

Please specify \_\_\_\_\_

Is component re-name required      YES      NO      direction \_\_\_\_\_

**Design Technology:**

Line width / air gap:      .012 / .013      .010 / .010      .008 / .008      .005 / .005      other \_\_\_\_\_

Are power and ground planes required                      YES                      NO

Specify any special power or ground plane requirements \_\_\_\_\_

Preferred number of layers for design \_\_\_\_\_ (include planes)

Maximum number of layers permitted \_\_\_\_\_ (include planes)

**Layer Stack-up**

Board Thickness (+/- .007):    .031        .062        .093        .125    other \_\_\_\_\_

Layer #	Description	Type		Copper weight		
1	_____	Signal	Plane	1 oz.	2 oz.	other _____
2	_____	Signal	Plane	1 oz.	2 oz.	other _____
3	_____	Signal	Plane	1 oz.	2 oz.	other _____
4	_____	Signal	Plane	1 oz.	2 oz.	other _____
5	_____	Signal	Plane	1 oz.	2 oz.	other _____
6	_____	Signal	Plane	1 oz.	2 oz.	other _____
7	_____	Signal	Plane	1 oz.	2 oz.	other _____
8	_____	Signal	Plane	1 oz.	2 oz.	other _____
9	_____	Signal	Plane	1 oz.	2 oz.	other _____
10	_____	Signal	Plane	1 oz.	2 oz.	other _____

**Impedance controlled signals:**

Please indicate the controlled signals and the impedance requested

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**Any other special routing consideration:**


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**Solder Mask:**
 Component side     Solder side        Type \_\_\_\_\_

Special exposed areas \_\_\_\_\_

**Nomenclature:** (additional text requirements - i.e. company name / logo, part numbers, board name etc.)

Top side silkscreen \_\_\_\_\_

Bottom side silkscreen \_\_\_\_\_

Top side etch \_\_\_\_\_

Bottom side etch \_\_\_\_\_

*Please supply custom logos in DXF format*  
**Email completed form to: [pcbinfo@circuitdesign.com](mailto:pcbinfo@circuitdesign.com)**