

4th Dimension PCB, Inc.

Provides PCB Design, fabrication and assembly services to companies that develop, manufacture or market electronic products for automotive, military, avionics, communications, computer hardware, consumer electronics, and medical applications.

Design Services

PCB Design Layout / Schematic Entry

Our designers have extensive knowledge and experience with a variety of technologies. Implementation of DFM (Design for Manufacturability) and DFA (Design for Assembly) techniques are incorporated into every design. This ensures your design to be of the highest integrity and maintain low production costs. Communications between PCB designer and engineer are extreme priorities. You will be kept informed every step of the way.

Fabrication Knowledge – The quality of your circuit board fabrication is only as good as the integrity of the data given. 4th Dimension PCB knows the manufacturing process and we work closely with your vendors to ensure that we are providing correct and complete data packages.

Assembly Knowledge – We recognize that a good parts placement, correct land/pad pattern, and a thorough understanding of the assembly process are all key elements to creating a board that can be assembled easily and without failure.

Mentor Expedition Training

Are you going from Boardstation to Expedition?

Or do you just need an Expert?

Call and get a quote for on-site training availability.

Why Outsource?

Outsourcing is a way for you to reduce your operating costs and free up your resources for other purposes. The need to have a designer on-site has been greatly reduced due to Internet Video conferencing tools. We utilize these tools frequently and because of it are able to keep your costs and our costs down.

Tools

4th Dimension PCB has the hardware and software necessary to meet your needs and we are continually researching innovative tools to implement into our design processes.

Software

Mentor / (formerly Veribest) Expedition PCB
WG2002 / WG2004 / WG2005,
Mentor Design Capture / DxDesigner / CES
AutoCad - Microstation

Hardware

Pentium Class Workstations
HP Laserjet 5000 B-Size Plotters

(4th Dimension PCB is a Veteran Owned Small Business registered with CCR)

WHAT WE DELIVER WITH EVERY DESIGN

- * Fabrication Drawing (pdf or dxf/dwg)
- * Assembly Drawing (pdf or dxf/dwg)
- * Complete project database on disk
- * Output files – gerbers, NC drill files, IPC netlist, ATE (Auto test data) & AIS (Auto Insertion data).



Contact Info:

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Visit our website:
<http://pcb-design.com>
for Online Quotes, ftp access, or for more information.