

CAD Design Concepts

Specializing in Printed Circuit Designs for 34 Years

CAD Design Concepts was started in 1977 (after being in the electronic business for 14 years) to provide the customer with the personal interface required to produce a quality finished product, guaranteed to be 100% accurate to the furnished engineering input.

CAD Design Concepts (CDC) full service includes any or all of the following:

Schematic Capture: Creating schematics in Orcad V7.2/ V9.1 or CadintPCB (originally EEDesigner), using engineering inputs and data sheets. From this creation a NET listing and BOM to be used for the design.

PCB Design: With 32 years of experience there are NO designs that **CDC** haven't done at one time or another. **SMD's** mounted on either side or both, the use of Fiducials with fine pitch technology including **Ball Grid Arrays** on .5mm pitch. **Multi-layer** designs with split planes, **Flex-circuits**, **Wire bonding** (chip on board) and **Flip-chip**. There are no restrictions on board shape or complexity. All designs provided are free of errors and ready for fabrication, one the customer reviews and signs-off. All designs are accompanied with a full GBR set, Fabrication/assembly drawing information and master software copy.

Mechanical Background: Can create mechanical drawings from concept to final product, or just review existing design for PCB interface.

Vendor Contacts: Over the years **CDC** has developed many vendor contacts allowing **CDC** to provide either full Turn-key or direct the customer to the vendor needed for the task.

Software used: CadintPCB, Orcad V7.2 & V9.1, AutoCad Lt., SolidWorks V2000/2006, Micro-soft Word and Excel, Pads PowerPCB.

Fields of Experience:

EMI, FCC, VME requirements.
Design knowledge in the areas of Laser, Microprocessors
Medical, Modem, Power Supplies and Monitors.
References and/or samples of any design type upon request.

CDC can quote your design needs over the phone or you can email the files over for a full review and written NTE quote.

Cut out card for reference

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