

# CAD Design Concepts

Specializing in Printed Circuit Designs for 32 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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