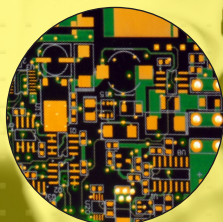
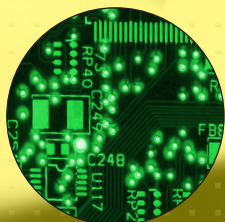
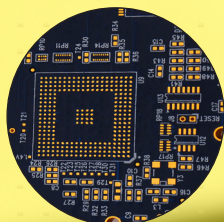


Best Value PCBs for OEMs



Printed Circuit Boards
for OE Design Engineers



ELECTRONIC INTERCONNECT – THE PCB EXPERTS

PC Boards for OEMs

Electronic Interconnect is a reliable manufacturer of high quality PCBs – up to Class 3 – with nearly 30 years of experience working with design engineers at many different OEMs. Our specialization is in the design and manufacture of PC boards.

As a PCB specialist, our OEM customers have benefitted from our focus, and the unique technical advancements and capabilities it has brought about: thermal management, use of metal cladding, heavy copper and outstanding solderability to name a few. At Electronic Interconnect, we specialize in PCB design and prototype production, from assembly to field testing, and we also build quick-turn prototypes. We accommodate small to medium sized batch orders or large volume orders.

A Wide Range of PCB Capabilities to Suit Your Need

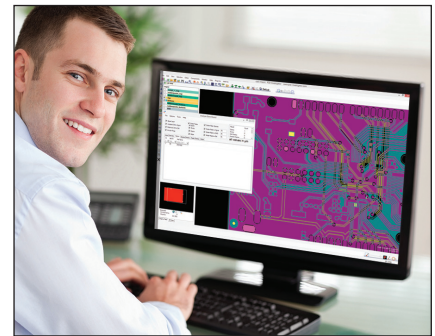
- Single, double sided or multi-layer
- Flexi boards
- Flexi-rigid multilayered boards
- Buried and blind vias
- Controlled impedance
- Sequential builds
- Microwave/RF
- Micro vias
- Heatsink bonding
- Metal PCBs – up to 4 layers
- Surface finishes: HASL, tin-nickel, hard gold, soft bondable gold, immersion gold, immersion silver and Entek
- Material thickness from 0.005” to 0.250”
- Line width and space is 0.005”
- Aspect ratio is 10:1
- Carbon inks, conductive epoxies, filled holes
- UL approval on 6 oz. copper
- Turnkey board and assembly service

Advantages for OEMs

Expert Design Analysis & Review

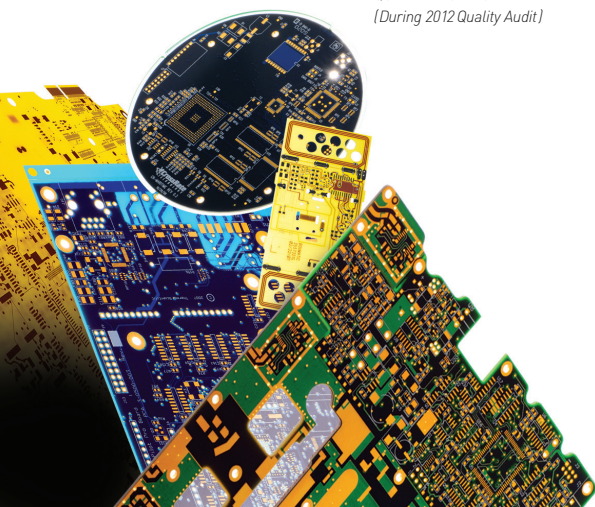
We focus up-front on refining the actual design data for our OEM customer projects to ensure a quality job. Our front end analysis checks 57+ parameters of customer data and prepares the data for our proprietary RFQ and Ordering system. This includes:

- DRC (design rule checking)
- Manufacturability analysis
- Single image edits
- DFM (design for manufacturability) enhancements



“ CUSTOMER SATISFACTION LEVELS ARE EXCELLENT AND CONSISTENT PROGRESS IS NOTED IN MEETING THE QUALITY OBJECTIVES. TOP MANAGEMENT, QUALITY MANAGER AND ALL THE STAFF IN THE COMPANY HAVE AN EFFECTIVE APPROACH TO CONTINUAL IMPROVEMENT. THIS IS PROBABLY ONE OF THE FEW COMPANIES THAT HAS ALWAYS BEEN SEEKING TO IMPROVE, YEAR AFTER YEAR.”

- QUALITY AUDITOR
(During 2012 Quality Audit)



Broad Range of Materials

We are experienced in the use of a large variety of raw materials, many of which are kept in stock.

MATERIALS	EXAMPLES
FR4	Isola, Nelco, Ventec, Panasonic, Kingboard
High Temp FR4	Isola, Nelco, Panasonic, Ventec
Polyimide	Isola, Nelco, Ventec
PTFE	Rogers, Arlon, Taconic
Aramid	Arlon, Taconic
Flexible Material Polyimide & Polyester Film ED/RA	DuPont, Espanex, GTS
Ceramic	96% / 99.6% Alumina, Al ₂ O ₃ HPS Si ₃ N ₄ AlN

BRANDS	EXAMPLES
Rogers	RO ₃₀₀₀ , RO ₄₀₀₀ , Duroid, Ultralam
Arlon	AD Series, TC Series, Diclad, Cuclad, Isoclad
Taconic	RF, TLY, TLC, TLX, TFR
Omega Ply	Metal backed/MCPCB-Aluminum, Copper

Electronic Interconnect maintains a large stock of materials from reliable brands and suppliers.

AIMSALIBAR®

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Expert PCB Design

Electronic Interconnect offers a full range of PCB design services – from board design and layout to prototype assembly and production runs. Our standards of acceptance and delivery help to facilitate a rapid design cycle.

We also offer the use of design software on our website to assist you in configuring your PCB.

File Security

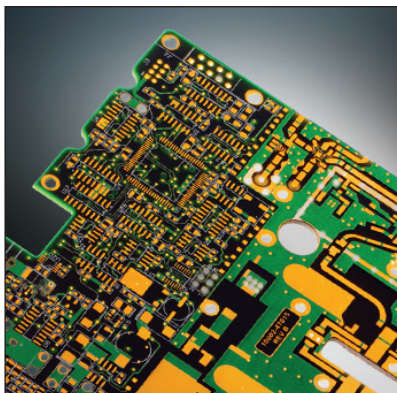
We maintain a low profile and strict procedures for the security of customer owned assets. Our customers trust our secure system to maintain complete confidentiality and security of their files.

Other Key Services for Design Engineers

The following services are also important for many design engineers, and our capabilities are detailed in several of our other brochures and on our website.

Thermal Management and Metal Expertise

We are expert in Thermal Management and with the use of heavy metals. As a result, our PCBs exhibit faster heat dissipation, longer life and reduced energy needs.



Electronic Interconnect provides significant advantages for PCBs requiring Thermal Management.

A Unique Manufacturing Program

Electronic Interconnect offers a dual sourcing program for manufacturing. Customers can utilize the vast technical expertise of the local Midwest manufacturing facility, or choose to use one of our offshore partners to manufacture PCBs for value pricing.

Convenient Delivery Options

Our central Midwest location allows for efficient logistics anywhere in North America, including same day shipments, JIT, multiple drop shipments and destination deliveries.

Inventory Management

We offer an inventory management service to store your PC boards.

Expert Service

Each customer is assigned to a dedicated Account Team for every project. Our unique online RFQ, Ordering and Job Tracking systems allow us to provide outstanding customer service, including job status, shipping and delivery notification.



Our Help Desk will provide expert assistance to our design engineering customers, from the RFQ stage through production. We also have several IPC trainers on staff, available to our customers as needed.

Board Spacers

We offer circuit board spacers for use as electrical insulators, standoffs, height adjusting elevators and more. See our website for more details and ordering information.

Convenient Prototype Print Stencil

Our new "Proto-Print" stencil kit allows you to print prototypes and low volume runs at the benchtop. For printing solder paste, masks, adhesives or other materials. See our website for more details and ordering information.

Special Components

Special component packages are available through Electronic Interconnect, which are normally unavailable elsewhere. More information can be found on our website.

- Micro-controllers
- Op amp experimental boards
- Modular drivers for stepper motors

Best Value PCBs

We also offer many pricing options, promotions and discounts, such as discounts for placing multiple orders at one time. At Electronic Interconnect, we are unmatched in our ability to offer a comprehensive selection... Electronic Interconnect is your best value for PCBs.



Customer Satisfaction



“ I WOULD LIKE TO TAKE THIS OPPORTUNITY TO THANK E.I. FOR SUPERB CUSTOMER SERVICE AS WELL AS EXCELLENT QUALITY. E.I. ALWAYS DELIVERS EXCELLENT RESPONSIVENESS FROM ALL DEPARTMENTS.”

- ANGIE DONNELLY, PURCHASING MANAGER,
ARTISAN CONTROLS CORP.

“ I HAVE TO SAY THAT IT IS THE OUTSTANDING CUSTOMER SERVICE I RECEIVE THAT MEANS THE MOST TO ME. RESPONSE TIME FROM THE SALES TEAM IS SUPER QUICK. YOU JUST DON'T GET THAT ELSEWHERE!”

- SAL PAOLILLO, DASAL INDUSTRIES LTD.

“ THE EASE OF ORDERING AND RE-ORDERING HAS ALSO BEEN A GREAT TIME SAVER FOR US. THE QUOTED SHIPPING DATES ARE ALWAYS MET ”

- DAVID HAGSTROM, HAGSTROM ELECTRONICS INC.

“ YOU ARE ALWAYS PROFESSIONAL, ON TIME, AND PROVIDE A SOLID PRODUCT AT A FAIR PRICE. AND YOUR PROCESS CATCHES MANY ERRORS BEFORE FABRICATION EVEN STARTS. ”

- MATT MESSENGER, ELECTRICAL ENGINEER, AZIMUTH INC.

“ ELECTRONIC INTERCONNECT HAS BEEN EXTREMELY RESPONSIVE AND ADAPTIVE TO ELECTROLAB'S CHANGING NEEDS AND REQUIREMENTS. EI HAS A GREAT DELIVERY PERFORMANCE RECORD TOO. I LOVE THE E-MAIL NOTIFICATIONS OF BOTH SHIPPING AND INVOICING.”

- JOHN WORTH, MATERIALS MANAGER, ELECTROLAB INC.

“ ELECTRONIC INTERCONNECT HAS BEEN ONE OF OUR APPROVED SUPPLIERS FOR ALMOST 20 YEARS. THEIR LEVEL OF DEDICATION AND RESPONSE TO OUR NEEDS HAS MADE THEM ONE OF OUR TOP PERFORMING SUPPLIERS. THE QUALITY STANDARDS AT EI EXCEED THOSE OF THEIR COMPETITION WHICH WE HAVE TRIED IN THE PAST.”

- DON MILLER, VP, ENGINEERING AND MANUFACTURING,
SELCO PRODUCTS COMPANY

Electronic Interconnect

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Elk Grove Village, IL 60007 USA

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