

# PRINTED CIRCUIT BOARD DESIGN

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Printed Circuit Board Design

PalPilot designers will collaborate with your team throughout your product cycle to quickly and efficiently deliver quality designs. Our customer-centric approach, coupled with 25+ years of experience, enable us to offer unparalleled design solutions.

PalPilot offers onsite engineering services, resulting in clear communication between our experienced designers and your team, to seamlessly meet your needs. Our ongoing investment in state-of-the-art solutions, enable us to meet the demands of today’s leading edge technologies. While being able to help customers with legacy requirements.

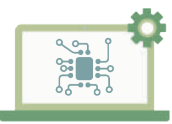
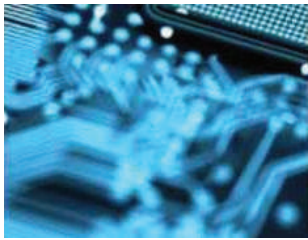
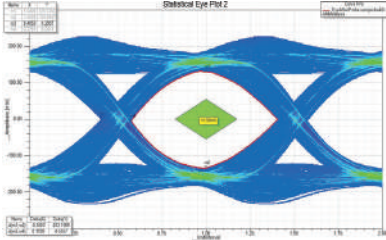
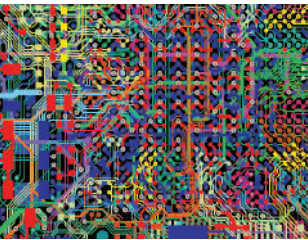


Key Features

- Veteran PCB Designers
- Close Interaction
- Industry Leading Software
- Concurrent Engineering Collab.
- Around-the-clock Routing

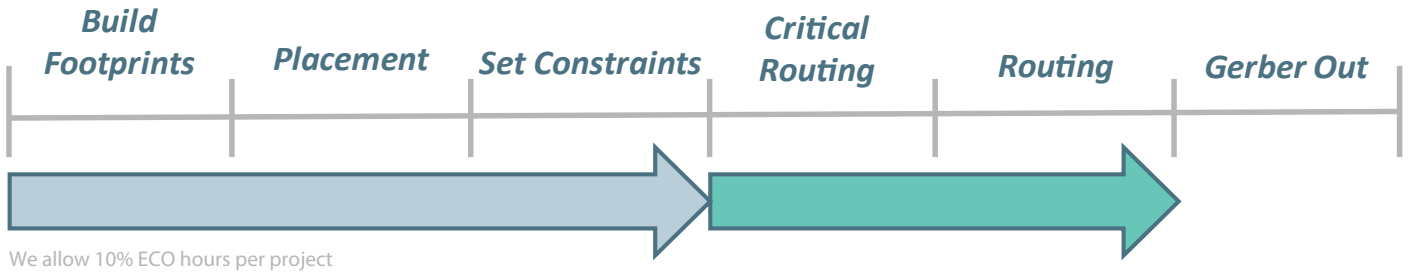
PCB Technologies

- High Speed (>28Gbps/channel)
- High Density
- High Layer (>40 layers)
- 2,000+ pin BGA
- 0.35mm pitch
- Controlled Impedance
- Backdrill
- Blind and Buried Vias
- HDI
- Via-in-pad



Engineered PCB Solutions

PalPilot continues its resource training and investments in state-of-the-art tools, enabling us to offer precision design services to meet the needs of today’s demanding product challenges.



footprintku PalPilot’s Cloud Library Management

Available 24hrs

Automated Build & Check

Error Free

Secured Cloud-Based

Real-Time Status Update

1. Footprint Building
2. Library Management

Industry Applications

- SFP28, QSFP28
- Infiniband
- PCIe Gen 3, PCIe Gen 4
- Gigabit Ethernet
- ATCA & Micro-TCA
- XAUI
- Fibre Channel
- DDR3, DDR4
- RF and Microwave

Accelerated Design Services

- On-Site Service Available
- Veteran Project Lead
- Resource Expansion
- Low Learning Curve
- Around-the-clock Routing