

HIGH POWER PCBs BUILT TO POWER WHAT'S NEXT.

Engineered to handle extreme currents, high voltages, and harsh environments with exceptional thermal performance, reliability, and long-term durability.

-  **EXTREME CURRENT CAPACITY**
Up to 425µm (17 oz) copper for high current applications
-  **SUPERIOR THERMAL PERFORMANCE**
Advanced thermal management for peak reliability
-  **BUILT FOR RELIABILITY**
Engineered for harsh environments and mission-critical systems
-  **PRECISION & QUALITY**
Tight tolerances, controlled impedance and 100% electrical testing

POWERING THE TECHNOLOGIES THAT POWER THE WORLD

 AI & HPC INFRASTRUCTURE AI servers, GPUs, systems in data centers, and data centers	 INDUSTRIAL AUTOMATION Robotics, motion control, PLCs, and factory automation systems	 ELECTRIC VEHICLES Onboard chargers, inverters, power distribution systems	 RENEWABLE ENERGY Solar inverters, wind turbines, power generation systems	 ENERGY STORAGE BMS, ESS, UPS, and energy storage systems	 POWER ELECTRONICS Inverters, rectifiers, converters, and DC/DC supplies
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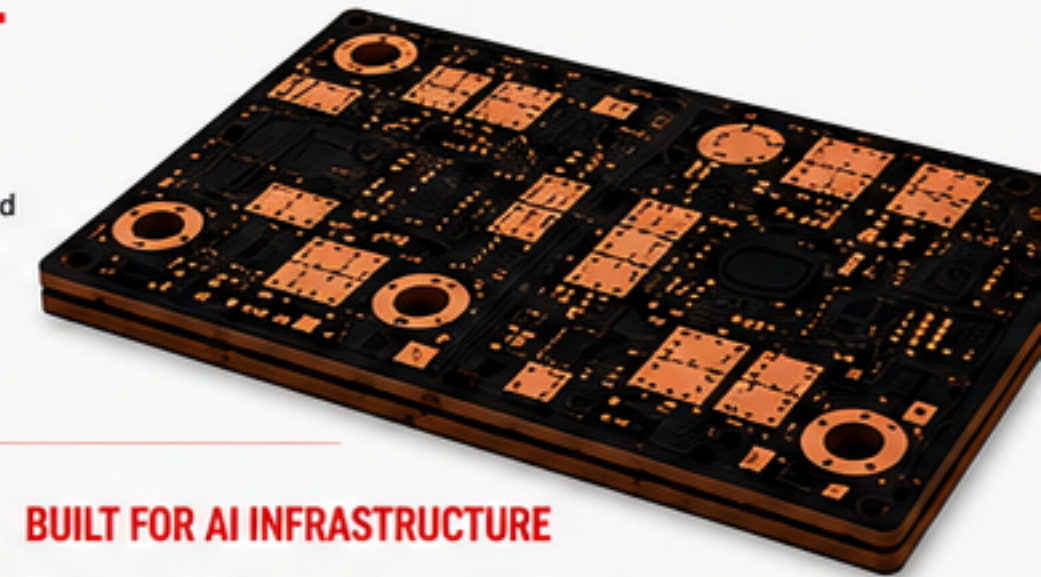
NAKED PCBs ONLY

We manufacture bare boards only to ensure maximum current capacity, thermal performance and reliability.

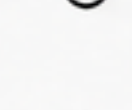
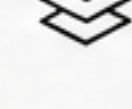
**BUILT TO POWER INNOVATION.
DELIVERED WITH PRECISION.**

ENGINEERED FOR EXTREME POWER. DELIVERED WITH CONFIDENCE.

Our High Power PCBs are trusted by leading innovators in industries where performance and reliability are non-negotiable. From advanced materials to precision manufacturing, every board is built to perform when it matters most.



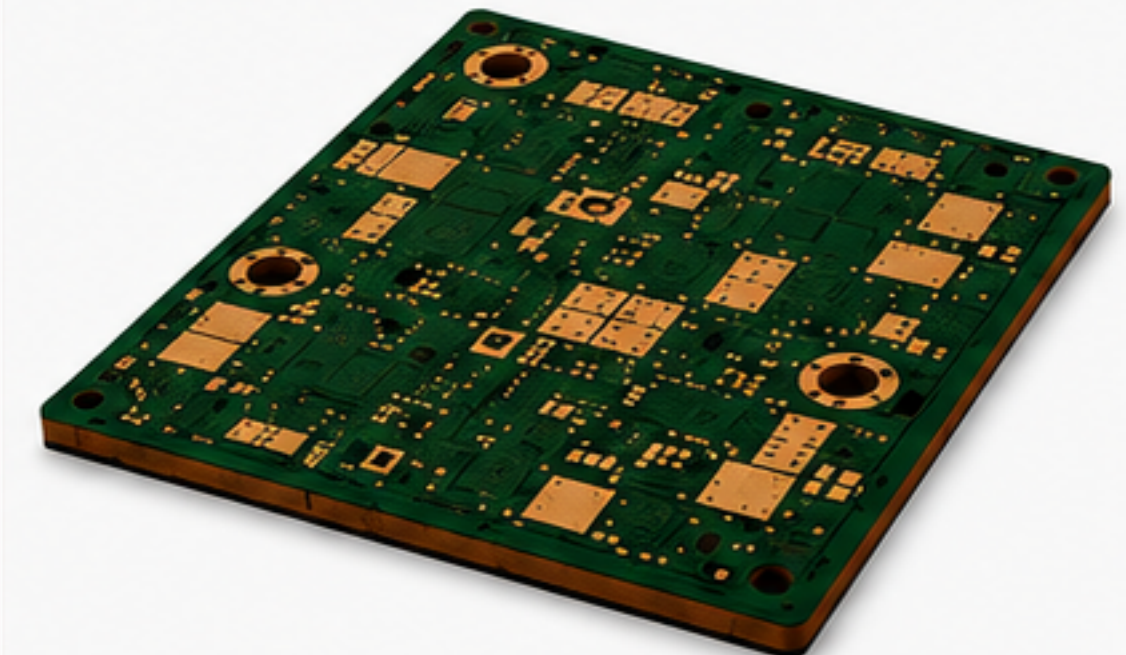
ADVANCED CAPABILITIES

-  **COPPER THICKNESS**
Up to 425µm (17 oz) copper per layer
-  **HIGH CURRENT CARRYING CAPACITY**
Optimized designs for maximum power delivery
-  **SUPERIOR THERMAL MANAGEMENT**
Efficient heat dissipation for high power density
-  **MULTI-LAYER CAPABILITIES**
Up to 30+ layers with thick copper technology
-  **PRECISION ENGINEERING**
Tight tolerances, controlled impedance, and 100% electrical testing



BUILT FOR AI INFRASTRUCTURE

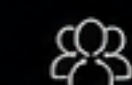
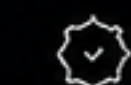
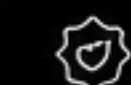
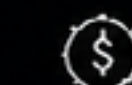
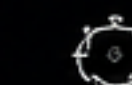
High Power PCBs are at the core of AI hardware. We build boards that meet the demanding electrical and thermal requirements of next-gen AI servers, GPUs, accelerators, and data center infrastructure.



TYPICAL APPLICATIONS

 POWER ELECTRONICS Inverters, rectifiers, converters, and power supplies	 INDUSTRIAL AUTOMATION Robotics, PLCs, motion control, factory automation	 ENERGY STORAGE BMS, ESS, UPS, and power systems	 RENEWABLE ENERGY Solar inverters, wind converters, energy storage	 ELECTRIC VEHICLES On-board chargers, inverters, power distribution	 AI & HPC INFRASTRUCTURE AI servers, GPUs, accelerators, and data centers
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WHY CHOOSE J-CUBE?

-  Advanced Technology
-  Experienced Team
-  Fast Turnaround
-  Consistent Quality
-  Competitive Pricing
-  On-Time Delivery

J-CUBE TECHNOLOGIES INC.

514-979-4061
jdriver@jcubetech.com
jcubetech.com