



**American Standard Circuits**  
**Sunstone Circuits**

## Metal-Clad & Insulated Metal PCBs

Discover ASC Sunstone's top-tier MCPCBs and IMPCBs, perfect for computer, LED, automotive, and medical applications. We specialize in single-sided, double-sided, and multilayer boards with metal cladding or metal cores with HDI options for superior thermal management.

Our PCBs feature materials from top suppliers like Aismalibar, Boyu, Laird, Totking and T-Clad, as well as our proprietary materials. Utilizing metals like aluminum, copper, and brass composites, our PCBs ensure exceptional heat dissipation and enhanced performance.

Ideal for high power applications such as LED lighting, power conversion, automotive electronics, and medical PCBA, our boards and services offer unmatched reliability. Contact us today to elevate your project with our precision-engineered solutions!

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## BEAT THE HEAT

### ADVANCED THERMAL MANAGEMENT

Efficient heat dissipation is crucial for the longevity and performance of electronic components, especially in high-power applications. We utilize proprietary materials that are both thermally conductive and electrically isolative.

### YOUR PCBs AT YOUR SPEED

Timely delivery is critical to keeping your projects on track and meeting market demands. We pride ourselves on our ability to produce and ship high-quality IMPCB/MCPCBs as quickly as 24 hours.

### LONG LASTING & COST CUTTING

Heat dissipating PCBs reduce the need for additional cooling components and design problems leading to cost savings. Our efficient manufacturing processes and use of high-quality materials result in longer-lasting, cost-effective boards for even rigorous applications.

### YOUR PCBs YOUR WAY

We offer extensive customization options to tailor to your exact specifications. Along with our collaborative design we ensure that your requirements are met or exceeded in performance and suitability.

## BUY WITH CONFIDENCE



We stay up-to-date on new materials and processes that enhance performance and reliability.



We ensure your boards meet environmental and regulatory compliance standards.



We implement cutting-edge technologies to improve the quality and performance of your boards.



Efficiently dissipates heat for long-lasting and reliable performance in high-power LED applications.



Ensures thermal management in automotive lighting and control units for reliability and longevity.



### PCB FUNDAMENTALS

With expert insights on fabrication processes, technologies, and design considerations. Featuring a glossary of industry terms.



Optimal for power supplies and converters, enhancing efficiency and reliability through heat dissipation.



Supports stable operation in industrial machinery, medical devices, and diagnostic equipment.



### THERMAL MANAGEMENT

A guide by our CEO, detailing current thermal management techniques for PCB designers in telecom, auto, consumer electronics, and medical.

## FOR MORE INFORMATION

### TECH TEAM

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