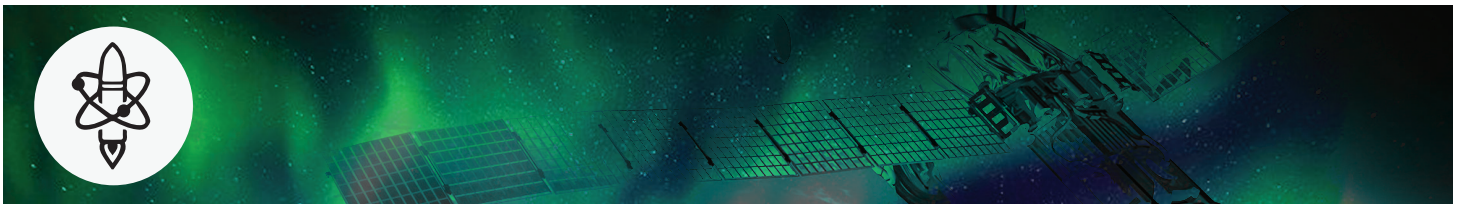
AURORACIRCUITS
North American Technology Solutions Provider for Printed Circuits



Aerospace & Defense

The sky is the limit at Aurora Circuits, seriously. When it comes to manufacturing PCBs, we're not messing aorund. The aviation and aerospace industry has witnessed significant growth over the past 10 years owing to the rising investment by various space and aviation agencies across the globe.

That being said, it's no surprise that aerospace and defense PCBs are drastically reduced in size to increase functionality and reduce weight. The need for secure reliability and product durability is crital in these applications. The process of manufacturing such reliable products, calls for a stable and controlled manufacturing process.

Aviation and aerospace circuit boards should be capable of withstanding up to 2000 cycles from -40°C to 145°C (normal boards may withstand 120-300 cycles) and withhold up to 30 cycles at 570°F (three times that of the new lead-free test requirements.)

Application Abilities

- Digitalized microwave and signal processing systems
- Equipment for Satellites
- Ground station applications
- Passive detection
- Electronic flight instrumentation
- Central air data computers (CADC)
- Full authority digital engine control systems (FADEC)

Benefits Partnership

- Proven facility audit track record
- Advanced technology
- PCB quick-turns
- Prototype
- World-class engineering commitment and support

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All major Defense and Aerospace certifications

- ITAR
- AS9100D
- ISO 9001

ITAR Registered International Traffic in Arms Regulations

CERTIFIED ISO 9001:2015 COMPANY

AS9100D CERTIFIED ISO 9001

About Aurora Circuits

Over 70 years' experience in Printed Circuit Fabrication providing Advanced Thermal Management and Interconnect Technology Solutions for Printed Circuit Designs and Specialty Products.

As one of the trailblazers and longest established, domestic manufacturers in the printed circuit board industry, (formerly known as Kalmus & Associates), Aurora Circuits is known as an industry leader in innovation, customer service and engineering. Let us partner with you to maximize profitability and production sustainability.

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