

MICROPAC

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Electronic and Multimedia Solutions

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Industrial



MICROPAC has produced components and subassemblies for industrial applications where harsh environments create unique challenges. Shock, vibration, extended temperatures and dirty environments have hampered designers who are tasked with creating electronic designs that must survive under the most difficult environments.



MICROPAC provides optoelectronic components, electronic assemblies and multi-chip microelectronic modules. MICROPAC also supplies application-specific electronics packaging solutions for applications that have complex specifications and no readily available solution.

Military



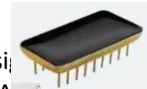
MICROPAC is qualified to Class K for MIL PRF-38534, JANS for MIL PRF-19500 and AS9100 Rev C. MICROPAC has supplied components and subassemblies for a wide range of military programs. The involvement with military programs includes products on systems ranging from military vehicles to rangefinders. MICROPAC has extensive involvement with military aircraft avionics, airframe systems, and communications systems.

Space



MICROPAC is certified as a NASA Core Supplier and is qualified to Class K for MIL-PRF-38534 and JAN S for MIL-PRF-19500. MICROPAC has supplied space level microcircuit modules and components. The products have been used in "mission critical" applications on launch vehicles, spacecraft, Mars Rovers, the International Space Station, spacesuits, and space telescopes. Many different scientific instruments on spacecraft have used MICROPAC designs. Other applications include star trackers, retro rocket firing mechanisms, camera systems, power distribution systems, motor controllers and thermostats.

Medical



Medical equipment design requires precision and reliability. MICROPAC has extensive experience supporting the medical market with mission-critical sensors and assemblies. With applications ranging from sensors that accurately measure blood gases to sensors that allow the precise placement of radiation in equipment used in oncology treatment, MICROPAC provides the precision and reliability that ensures that patients are safely treated.

Products



- Power Management
- DC-DC Converters
- Temperature Control
- Optocouplers
- Fiber Optic Transceivers
- Sensors – Hall Effects
- Sensors – Optical
- Displays – LED's

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