



Engineering Manager (Space Electronics)

IDEAS-TEK provides innovative and cost-effective electronic and embedded solutions for mission-critical systems with a focus on the rapidly-growing space market. Our team is working to enable the next generation of high-reliability space platforms. Our focus is on:

High-performance computing | Embedded & Electronic systems | Digital microelectronics | Sensing systems

Our track record includes returning clients from across the US aerospace industry with multiple computers and scientific payloads deployed aboard satellites, constellations, and the International Space Station. Recognized the last six years by New Mexico Technology Flying 40 as one of the fastest growing companies in New Mexico, IDEAS-TEK is looking for **Engineering Manager**

Come join our nimble team of engineers and scientists in Albuquerque, New Mexico where you will have an opportunity to LEAD and LEARN. We offer:

- Competitive salary based on experience;
- Company sponsored medical plan;
- Dental and vision insurance;
- Retirement plan with company matching;
- Flexible schedule;
- Paid Vacation;
- Paid sick leave;
- Work with a great team dedicated to innovation and creative, reliable solutions!

IDEAS-TEK is seeking candidates at different levels with compensation commensurate with experience.

Responsibilities

- Lead, mentor, and manage a team of electrical, systems, mechanical, and firmware engineers across multiple aerospace electronics programs.
- Plan and execute product development lifecycles, from concept through qualification, production, and support.
- Drive system architecture, design reviews, and technical decision-making to ensure compliance with aerospace standards (e.g., MIL-STD).
- Oversee resource allocation, scheduling, and prioritization to meet program goals and deliverables.
- Collaborate with cross-functional teams including program management, quality, manufacturing, and supply chain to ensure smooth integration and product realization.



- Manage engineering documentation, including specifications, schematics, test plans, and verification reports.
- Ensure adherence to industry and regulatory standards for safety, reliability, and performance in space and avionics applications.
- Evaluate and implement new technologies, tools, and processes to improve team efficiency and product performance.
- Support customer engagements, proposals, and technical presentations as needed.

Required Qualifications

- 7+ years of experience in aerospace or defense electronics development, with at least 2 years in a technical leadership or management role.
- Proven experience with embedded systems, high-reliability electronics, radiation-tolerant or space-qualified components.
- Solid understanding of engineering development processes and standards (e.g., AS9100, NASA standards, ECSS, IPC).
- Strong organizational, interpersonal, and communication skills.
- Ability to manage multiple concurrent projects in a fast-paced environment.

Desired Qualifications

- Experience with FPGA/ASIC design and verification.
- Familiarity with Model-Based Systems Engineering (MBSE) tools and methods.
- Knowledge of thermal and mechanical considerations for space hardware.
- Prior experience working with government agencies (e.g., NASA, DoD, ESA).

Education – Minimum Qualifications

- Bachelor's or Master's degree in Electrical Engineering, Aerospace Engineering, or related discipline.

US Citizenship/Permanent Residency is Required

IDEAS-TEK is an equal opportunity employer and does not discriminate on the basis of race, religion, color, national origin, age, sex, gender, gender identity, gender expression, genetic information, disability or any other characteristic protected by law.

Work is normally performed in an electronics laboratory, clean room, and interior/office work environment, with no or very limited exposure to physical risk and limited physical effort required.

APPLY: Please send your resume to HR@IDEAS-TEK.COM