



Hiring for Electronic Systems Engineering Manager

IDEAS Engineering & Technology, LLC (IDEAS-TEK) is a fast-paced, rapidly growing space technology company focused on high-reliability, mission-critical systems. Our clients include the Space Force, Bluehalo, Leidos, and other key space companies. Our focus is:

Embedded systems | Digital microelectronics | High-performance computing and sensing systems

Come join our nimble team of engineers and scientists in Albuquerque, New Mexico where you will have an opportunity to LEARN and LEAD. Recognized the last four years by New Mexico Technology Flying 40 as one of the fastest growing companies in New Mexico.

- Competitive salary
- Excellent working environment and benefits (Medical, Dental, Vision, and Life Insurance)
- Retirement plan with company matching and profit sharing
- Flexible schedule; PTO

US Citizenship/Permanent Residency is Required

Duties and Responsibilities

- Manage team of electronic engineers and technicians;
- Manage the effective and timely execution of electronic design projects with strict schedule and budgetary constraints;
- Manage fabrication, assembly, board bring-up, testing, and integration of project deliveries in-house and at integration site if needed;
- Provide technical expertise and guidance during execution of tasks;
- Ensure documentation of products is up to date and ready for production;
- Cooperate with supply chain team to ensure timely acquisition of materials and components;
- Be the technical interface with vendors and material suppliers;
- Interface with customers in collaboration with senior management;
- Ensure products are designed following NASA and Military workmanship, quality, and reliability standards for electronics.

Knowledge, Skills and Abilities Required

- Expert in electronic design for high-performance computers and digital systems (Analog and RF a plus);
- Expert in component selection, design, testing, and deployment;
- Experience in bringing up, validating and troubleshooting complex electronic systems;
- Experience leading technical teams;
- Strong documentation and writing skills;



- Team player, Methodic, Organized;
- A high aptitude for learning and adapting to new and quickly changing technologies.

Desired Qualifications

- Basic knowledge of rugged electronics and modular electronic systems (e.g., VPX);
- Basic knowledge of mechanical factors in high-performance electronics;
- Knowledge of NASA and Military reliability standards for electronics;
- Experience with Altium designer and other Schematic and PCB design tools.
- Experience with electronics engineering and production cycles in the space industry;
- Experience in embedded systems engineering (FPGA, CPUs, DDR memory);
- Experience with electronic component and materials in the space sector;
- Experience as a project manager or operations manager.

EDUCATION- Minimum Qualifications

- Bachelor of Science in Electrical Engineering. 7 to 10 years of professional experience as an electronics engineer/ electronics engineering manager. A related field will be considered if the candidate has extensive experience with electronic/embedded systems.

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.