

Experienced Hardware Electronics Engineer (Team Lead)

Anywaves Luxembourg (EmTroniX) · Hautcharage, Luxembourg · Full-time

Location Hautcharage, Luxembourg	Contract Permanent contract	Status Open	Compensation Not specified
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To apply, please send your cover letter and CV to jobs@emtronix.lu.

Work environment

Anywaves has been at the forefront of electronics and embedded software for New Space applications since 2001. We specialize in project management, design, testing, and production of advanced space systems.

Recently, Anywaves joined forces with Anywaves, a leading European space antenna specialist, creating a stronger and more integrated group delivering end-to-end satellite payload solutions. This evolution opens new opportunities to work on complex international programs in a fast-growing environment.

To support this growth, we are looking for an experienced electronics engineers who will be leading the hardware electronics Team of Anywaves.

Key responsibilities

- Review and analyze Systems requirements and propose compliant architectures
- Design and Implement schematics with detailed analog and digital circuit
- Perform design analysis such as Worst-Case Analysis, Derating Analysis and FMEA/FMECA.
- Review PCB/layout design provided by the team.
- Perform initial testing and debugging of the CBA, and then complete functional test.
- Provide technical and official documentation: analysis, technical notes, test plans, test reports
- Support Systems, Mechanical, S/W&F/W teams in order to deliver a complete system that meets requirements and project deadlines
- Support test competency to establishing automated testing
- Manage the team's workload and priorities
- Ability to develop the team's skills
- Ability to understand, evaluate, and implement the expert group's recommendations/design
- Ability to implement the CTO's directives at the team level

Important skills

- Experience in schematic capture and PCB layout (Altium or other)
- Experience in either RF/FPGA design, small signal, EMC or power electronics
- Knowledge in circuit calculation/analysis and simulation (LT Spice)
- Familiar with Office 365 (Word, PPT, Excel, Ms project...)
- Strong interpersonal skills and the ability to listen effectively in order to implement continuous improvements in work processes

Job requirements

- Strong interest in developing hardware electronics schematics, small signals, high-speed, micro-controllers/FPGA, and low power DC/DC conversion.
- Knowledge in PCB layout and general laboratory test equipment
- Scripting ability to automate tests and report tasks
- Completed a least one full development cycle, delivering product compliant with requirements and applicable industry standards
- Strong analytical and problem-solving skills
- Excellent communication skills both written and oral
- Fluent in English - knowledge of French or German advantageous.
- Master degree in electronics engineering or equivalent
- 10+ years of relevant experience in a high-reliability industry; automotive or medical experience is a plus.

Apply

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