

ANY WAVES

SPACE, UNMUTED

JOB OFFER

PCB LAYOUT DESIGNER (M / F)

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About Anywaves

Anywaves is an international space technology company specialising in antennas, RF electronics, embedded software, avionics and integrated payload subsystems for satellite missions. Building on more than 25 years of engineering heritage, we bring together complementary expertise from our teams in Toulouse, France, Hautcharage, Luxembourg, and Austin, Texas. From design and project management to testing, industrialisation and production, we develop high-performance technologies for commercial and institutional customers worldwide. Our solutions support satellite communication, navigation, Earth observation and other demanding space applications, from individual products to complete RF payload subsystems.

With more than 120 employees representing a wide range of nationalities and technical backgrounds, Anywaves combines the agility and close collaboration of an entrepreneurial company with the capabilities of a growing international group. Joining Anywaves means contributing directly to ambitious space programmes, solving complex technical challenges and helping shape the next generation of satellite technology.

About the position

We are looking for a PCB layout designer to join our Electronics team, within a company specializing in embedded electronics for the space industry. You will be responsible for the design and routing of printed circuit boards (PCBs) for critical space applications, working closely with the Electronics, RF, Mechanical, and Systems Engineering teams.

Key responsibilities

Working closely with Electronics, RF, Mechanical team in Luxembourg, you will play a critical role in the design of complex PCB for the space market.

- Collaborate with the Electronics and RF teams to complete schematic and PCB board designs layouts ranging from simple to complex, multi-layer printed circuit boards containing Analog, Digital, Radio Frequency and Power Electronic components
- Drawing input in collaboration with the Electronics engineering team
- Design electronic cards layout
- Liaise with PCB vendors to select proper materials, stack-ups, obtain impedance specifications, design rule sets, assembly requirements and resolve any manufacturing related issues
- Work closely with mechanical design team and in-house production department
- Create and manage PCB documentation including fabrication and assembly packages
- Work with document control department to release fabrication and assembly packages into company-wide PLM system
- Create and maintain schematic symbols and PCB footprints among multiple libraries

Preferred skills

- Knowledge in electronic design is mandatory
- Knowledge of the Electronic Design Automation (EDA)/Computer Assisted Design (CAD) tool (Altium, Cadence ...)
- Familiarity with database management
- Experience with other EDA tools and eventually script development

Profile required

- **Communication Skills:** Excellent written and oral communication skills to effectively convey technical information.
- **Analytical and Problem-Solving Skills:** Strong analytical skills and a proven ability to solve complex problems.
- **Language Skills:** Fluent in English; proficiency in French or German is a significant asset.
- **Educational Background:** Master's degree or Engineering degree (Bac+5) Electronics, or a related field.
- **Experience:** A first successful experience (2+ years) in PCB layout design. Prior experience in the space sector (NewSpace / SDR) is regarded as an advantage.
- **Autonomy:** Ability to strike the right balance between working fully autonomously and seeking expertise / support for problem-solving.
- The successful candidate must hold or be eligible to obtain a SECRET security clearance in accordance with national regulations and applicable EU, ESA, and NATO requirements.

We invite you to submit your CV and cover letter, showcasing your motivation for the position and positive impacts to the company to jobs@anywaves.lu . Expose and demonstrate how your skills align with the job requirements to make a meaningful impact.

In accordance with the General Data Protection Regulation (GDPR), your personal data will be processed solely for recruitment purposes. For any questions regarding the processing of your data or to exercise your rights, please contact dpo@anywaves.lu

Start: As soon as possible

Contract type: Permanent

Location: Hautcharage, Luxembourg