



PR/086779 | Hardware Engineer - Mobility (m / f / d)

## Job Information

### Recruiter

JAC Recruitment Germany

### Job ID

1512904

### Industry

Other (Manufacturing)

### Job Type

Permanent Full-time

### Location

Germany

### Salary

Negotiable, based on experience

### Refreshed

December 24th, 2024 11:26

## General Requirements

### Minimum Experience Level

Over 3 years

### Career Level

Mid Career

### Minimum English Level

Business Level

### Minimum Japanese Level

Business Level

### Minimum Education Level

Associate Degree/Diploma

### Visa Status

No permission to work in Japan required

## Job Description

### COMPANY OVERVIEW

One of the world's largest independent manufacturers of electronic and electromechanical components is looking for a Hardware Engineer - Mobility (m/f/d) near Munich.

### JOB RESPONSIBILITIES

- You are responsible for the design of electronic hardware for electrical bicycle products, mainly for camera product, but also support on sound system product.
- Your responsibilities covers work in the entire design cycle: Component selection, schematic, layout, laboratory bench testing, design verification and integration, handover of finished designs to test engineering and production.
- You develop a wide range of different electronics, from multilayer PCBs with BGAs and high-speed communication to sound systems with several watts of output power.

- In addition to aim for excellent performance of your designs, you have an eye on the integrability of your hardware into battery-powered bicycle ecosystems.
- We collaborate as teams with diverse disciplines such as mechanical, software, audio and validation to create unique solutions.
- You create volume driven mass production designs and support our production team in the industrialization process.
- You are supporting in the interaction with customers for integrating the products into their systems as well as coordination with suppliers.

## **JOB REQUIREMENTS**

- Bachelor's degree in electronic engineering or a related field
- Background in developing camera systems or equivalent is required, additional experience with sound systems is advantageous
- Excellent knowledge with schematic and circuit design using Altium is required
- Basic experience in circuit simulation and simulation tools such as LTspice is a plus
- Experience with design of high-speed communication lines such as USB and Ethernet, additionally with design of wireless radios like WiFi and Bluetooth are a bonus
- Knowledge in EMC conform PCB design and creating robust cable connections
- Hands-on skills like soldering, preparing samples and the use of test equipment
- Knowledge in quality management and documents such as FMEA is a bonus
- Familiarity with agile project management tools such as Jira
- Interest in travelling moderately within Europe
- Excellent English communication skills, German language is a bonus

## **BENEFITS**

- Security and innovation: We offer a secure job through trusting and long-standing customer relationships in the innovative automotive sector
- International environment: You can expect exciting challenges in demanding international projects and teams based on a long history of company success.
- Flexibility: You benefit from flexible working hours thanks to a hybrid working model of office presence & remote working.
- Working atmosphere: We live a positive working atmosphere through respectful cooperation and open communication across departments.
- Top remuneration: You will receive an attractive salary package with a wide range of social benefits such as: 13 salaries, capital-forming benefits, employer-financed company pension scheme, comprehensive accident insurance and a travel allowance.
- Induction: To enable you to successfully contribute your qualifications, we provide a structured onboarding with integration into a strong network.
- Development: We foster personal growth through targeted training.
- Recreation: You will receive 30 days' holiday plus individual special leave.
- Equipment: Modern IT equipment including an iPhone for private use is the basis for your successful work.
- Family-friendly: Our bicycle leasing model is also open to family members.

- Events: We all enjoy getting together at regular company events such as the Christmas party, summer party and B2Run.
- Discounts: Offers and special conditions from over 1500 providers can be utilised via our corporate benefits partners.

Apply online or feel free to contact me directly for more information about this opportunity. Due to the high volume of applicants, we regret to inform that only shortlisted candidates will be notified. Thank you for your understanding.

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#### Company Description