



Initiativbewerbung - Hardware Design Engineer (m/f/x)

Workplace: 80331, Munich

Apply online!

What to expect:

- We are looking for a **motivated** and **skilled** Hardware Design Engineer to join our **dynamic team**.
- **Design, develop, and test** electronic circuits and systems based on **project requirements**
- Create **schematics** and **PCB layouts** using **Altium Designer** or **EAGLE**
- Select appropriate **electronic components** considering **performance, cost, and availability**
- Develop and execute **test plans** for **signal integrity, power integrity, and EMC testing**
- Use **simulation software** (e.g., **PSpice** in **OrCAD X Capture**) to **analyze** and **optimize circuits**
- Perform **pre- and post-layout simulations** to ensure **performance compliance**
- **Analyze test and simulation results**, identify and **resolve design issues**
- Collaborate with **cross-functional teams** for seamless **system integration** (without coding **microcontroller firmware**)

What you bring along:

- **Bachelor's degree** in **Electrical** or **Electronics Engineering**
- Strong understanding of **analog and digital circuit design principles**
- Proficiency in **schematic capture** and **PCB layout** (**Altium Designer, EAGLE**)
- Familiarity with **electronic components** and their **applications**
- Experience with **circuit simulation tools** (**PSpice, SimScale, Proteus**)
- **Testing and debugging experience**, including **signal and power integrity analysis**
- Ability to **interpret datasheets** and **technical documentation**
- Strong **problem-solving** and **analytical skills**
- Excellent **communication** and **teamwork abilities**
- Familiarity with **EMC/EMI considerations** in **electronic design**

- Create and maintain **technical documentation** (design specs, test reports, user manuals)
- Stay updated on the latest **electronic engineering technologies** and **testing methodologies**
- Participate in **design reviews** and provide **constructive feedback**
- **Troubleshoot and debug** electronic systems using **simulation** and **physical testing**
- Support **manufacturing processes** and resolve **technical hardware-related issues**
- Ensure designs comply with **industry standards** and **regulation**
- Contribute to **engineering process** and **standards development**

- Knowledge of **industry standards** (RoHS, CE) and **regulations**
- Experience with **field solver applications** for **advanced simulations**
- **Highly motivated** and **self-directed**
- **Detail-oriented** and **organized**
- **Quick learner**, adaptable to **new technologies**
- Strong **work ethic** and **commitment to quality**
- **Passionate** about **electronics** and **technology**

As a development specialist with more than 14,000 employees at over 50 locations, we work on exciting projects on behalf of our customers worldwide.

Ready for your next professional challenge? Then upload your CV in just a few minutes. You can do without a cover letter, because we prefer to get to know you personally in a conversation.

We look forward to receiving your application

What we offer:



Responsible Tasks



Freedom to work independently



Discounts



Old-age pension scheme



Team-oriented work



Holiday pay and christmas bonuses



Unlimited employment contract



30 days vacation



Contact:

Krisztina Szabényi-Schenker
Tel.: +4915158518355
www.bertrandt.com/en/career

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