

Firmware Engineer for Power Electronics (m/f/d)

Start date: April 2023 or earlier · Full time 40h/week · Munich/Stuttgart/Remote

Why Daylight?

We share a passion for developing innovative products to democratize the solar energy market and empower everyone to contribute to the fight against climate change - with green solar energy.

We are a team of young and motivated professionals and maintain an open, positive and fair working environment.

About this role

The mission of this role is to build firmware for a digital power control system in our product. This includes a consistent approach to tooling, architecture, and testing applications for inhouse and manufacturing site, as well as full responsibility for implementation of features, from drivers for the board support package to the power control system and enablers for compliance testing.



YOUR TASKS

- Build and be responsible for scalable firmware architecture
- Implement applications handling our digital power control system
- Implement firmware and drivers in a modern embedded systems environment
- Build inhouse and manufacturing site testing applications
- Work on the firmware requirements cooperating with stakeholders
- Open communication with team members and electrical engineers

YOUR PROFILE

- >3 years experience in firmware development on microcontrollers regulating power electronics
- deep understanding of digital control systems engineering with power electronics and typical converter topologies
- experience with electrical measurement instruments
- basic understanding of developing electronics schematics and layouts
- basic understanding of hardware simulation tools
- Fluency in written and spoken English or German

YOUR BENEFITS

- We are a young and motivated team with a passion for our jobs
- You will see your ideas taking shape quickly, bring in your thoughts, re-think and challenge the status quo
- You can work remotely from home equipped with top hardware. Yet we will provide a shared desk in one of our co-working spaces
- We believe in regeneration and agility. Therefore, we offer 30 days of vacation for you to fuel up and find new inspiration
- We offer attractive employment contracts with employee participation for new team members who join us to power the Daylight vision.

Do you want to become part of the Daylight Eco Team? Send your CV and a short motivation letter including your availability and salary expectations to team@daylight.eco

Your contact person:

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