

Neu-Isenburg, 31.03.2022

Title: Design Engineer – Wireless Applications

Department: R&D/Engineering

Location : Frankfurt, Germany

Fulltime, Part time or Freelance

RoundSolutions is seeking a proven Design Engineer to join our R&D team. The DE plays a critical role in designing our next generation IIoT devices. Imagine what you could do here. At RoundSolutions, new ideas have the potential of becoming extraordinary products, services, and even customer experiences in the world of Industrial IoT.

As DE, you will

- Design board schematics.
- Design multilayer PCB layouts for high-speed and reliable circuits.
- Follow IPC standards in PCB design.
- Analyze and resolve design related issues in a timely manner.
- Work with project team in understanding circuit requirements and limitations.
- Develop design documentations and requirements specifications for assigned projects.
- Prepare and maintain production data.
- Provide support to PCB manufacturing, assembly and packaging teams when required.
- Assist in preparing test procedures and developing test fixtures to verify PCB functions.

To succeed in the role, you'll need

- Electrical Engineering degree with focus on electronics.
- Experienced in designing board schematics and PCB layout.
- Using Cadence tools for PCB design is a plus.
- Have practical and very good knowledge in wireless devices and protocols including but not limited to: 5G, 4G/LTE, Bluetooth, Wifi and GNSS/GPS.
- Have practical and very good knowledge in Antennas use.
- Experience in designing board schematics and layout for power supplies, processors, microcontrollers, and DDR3 memory. A big plus is experience with STM32 and Octavo SIPs.
- Knowledge about impedance control, cross talk, eye diagram, signal integrity, and PCB design related issues.

- Knowledge about CE certification requirements and how to solve issues related to EMC and Spurious emissions.
- CID+ certificate is preferred.

Perks that come with the job...

- A fun, energetic and fast-paced work environment.
- Lots of responsibility very early on – we don't micromanage and want to hear your ideas.
- A steep learning curve and a closely-knit team to help you grow.
- Unlimited leave days.
- Office snacks and drinks on us, as well as after-work drinks and team dinners.
- Plenty of freebies.

About RoundSolutions

We are a leading German based IIoT Hardware and Firmware company. The people here have the ambition to revolutionize entire industries. Bring passion and dedication to your job and there's no telling what you could accomplish. It's the diversity of our people and their ideas that inspires the innovation that runs through everything we do, from amazing technology to industry-leading IoT applications.

Our Mission

We build IIoT solutions for a purpose - Use Cases.

We believe in a wireless world.

We are passionate and slightly obsessive about helping customers succeed..

Please contact:

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