HW / PCB DESIGN ENGINEER



The company

USound is a semiconductor startup company, which is developing an innovative micro loudspeaker technology targeting the continuously growing market of smartphones, headsets, hearing aids and basically all types of audio based wearables. The USound piezo loudspeaker solution aims to be competitive with respect to audio performance, power consumption, form factor and price.

Another competence of USound is the development of custom-designed audio systems (SoC or HW/PCB) where the key building blocks are our loudspeaker technology as well as our patented amplifier/driver concepts.

The USound headquarter is based in Graz, Austria. This is supplemented with offices in Vienna and Hamburg, Germany. Present headcount is 30, and we expect to grow to 40 before end of 2017.

For the ASIC and HW/PXCB team in Graz, we are looking for a full-time-employed **HW / PCB Design Engineer**. The HW / PCB design engineer will join a team of HW and ASIC developers, and he/she will play an integral role in defining and developing HW solutions which support our product, technology and loudspeaker roadmaps. The ideal candidate is a highly motivated individual with excellent hands-on skills, someone who enjoys working in a dynamic start-up environment.

Job description / Responsibilities

- Planning and execution of HW R&D projects in design of MEMS micro-audio devices and systems (micro-speakers for smartphones and sub-miniature speakers for headphones / head-sets)
- Participate in the entire HW R&D development flow, from specification, through schematic/layout to final qualification
- Working closely together with the ASIC team to create an optimal HW / ASIC system
- Creating time / project plans and manage own work and progress

Education / Experience

- BS or MS Degree in HW Electrical Engineering
- Solid understanding of electrical systems and circuits
- A minimum of 5 years of professional experience in the electronics industry
- Strong team working capabilities
- Self-motivated, able to work independently with minimum guidance
- Experience from HW design of audio circuits / electronics is a plus



- Experience from the lab, measuring / evaluating / debugging HW / PCB designs
- Familiar with PCB tools from Altium including schematic, layout and component data management
- Basic understanding of principles of micro mechanics, interfaces (UART, I2C, SPI, I2S) and Bluetooth is a plus
- Good communication skills, fluent in English or German

USound offers

- An innovative and dynamic work environment
- A talented and committed multi-competence team
- Exciting products which aim to disrupt the market of micro loudspeakers
- Competitive employment packages

Are interested in joining a dynamic technology startup company and do you have a matching professional background, then you can send your CV/resume to Director of Engineering Johnny Pedersen (johnny.pedersen@usound.com). You can find more info on the USound home page www.usound.com.