

ANALOG IC DESIGN ENGINEER



The company

USound is an Austrian based fabless semi-conductor 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. To support and leverage the high potential of our piezo loudspeaker, USound is developing highly customized and sophisticated amplifier/driver ASICs, where key disciplines as ultra-low-power and performance-to-the-edge circuit design are explored.

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

The USound headquarter is located in Graz, Austria. It is supplemented with offices in Vienna and Hamburg. Present headcount is 30, and we expect to grow significantly throughout 2018.

The position

For the ASIC design center in Graz, we are looking for a full-time-employed Analog IC Design Engineer. This analog IC design engineer will join a team of talented ASIC, HW and SW developers, and he/she will play an integral role in defining and developing chips 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

- Participate in the entire design flow of Mixed Signal ASICs, from specification, through development (schematic entry, verification, layout, ...) to final validation
- Participate in design considerations including considerations for yield, manufacturability and design for test, definition of production test requirements
- Create time / project plans and manage own work and progress
- Document and report your progress to your first line manager

Education / Experience

- Master or Bachelor degree in analog circuit / ASIC design
- Solid understanding of electrical systems and circuits
- 3-5 years of professional experience in the electronics industry

- Strong team working capabilities
- Self-motivated, able to work independently with minimum guidance
- Experience from design of audio circuits (amplifiers, ADC, DAC, PLL, LDO, filters, etc.) is desired
- Familiar with EDA tools from Cadence, Matlab & Simulink
- 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 and audio products
- Attractive compensation package, including bonus program and company shares

If you are interested in joining a dynamic technology startup company and have a matching professional background, 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.