

A photograph of a man with a beard and glasses, wearing a dark jacket, playing a guitar on a stage. The lighting is warm and focused on him, with a microphone stand visible in the foreground.

ICEpower is looking for an Embedded Software Developer for Audio Hardware to join the group

We are now looking for an embedded software developer to join our software team working on exciting Audio Over IP products for some of the most respected audio brands in the world. Preferably you have experience in development all the way from high level software and digital hardware specification to mass production.

Join us to further build up our embedded network audio amplifiers for home installations and big concerts. We already have several products in the market, but as we continue to win new projects with customers, we wish to strengthen our team. Come help enabling our customers with great sound using some of our famous PWM class-D amplifiers. We make the complete box our self which include high quality DSP's, DAC's, ADC's, FPGA's and ARM's. Between these different components we use I2C, I2S, SPI, UART and DMA for communication.

If you love to code embedded software on interrupt and DMA level using quality hardware components, please read further.

Skills and experience

- Msc or BSc in Computer Science, Electrical Engineering or related field
- Embedded development in C and possibly C++.
- Cooperative mindset and enjoy being part of dynamic project teams
- Fluent in English – spoken and written
- Interest in the music industry/audio products is a big bonus
- Experience with microprocessors, e.g. ARM is a big bonus
- Experience with DAC's, ADC's and HAL drivers is a big bonus
- Experience with Communication protocols like I2C, I2S, SPI, UART and CAN is a big bonus.
- Experience with FPGA programming is a bonus

The position includes the following work:

- Generating quality audio products which combines world class software and digital hardware.
- Ensure good reuse of architecture, drivers, HAL, operating systems and testing
- Both coding and architecture responsibility
- Agile development with Azure Devops and GIT



Sound made powerful

At ICEpower you will develop leading edge, high performance audio products for some of the coolest audio brands in the world. The products we develop are used at the largest live stages globally, in home audio equipment, guitar amplifiers as well as automotive audio systems. Although, the market for live sound equipment has taken quite a hit in 2020, we continue to see strong growth and win new projects in other market segments. At ICEpower in Søborg, Denmark, you will join 64 dedicated colleagues. Mostly engineers.

Additional information & application

For more information about the position, please contact:
Theis Christiansen on TCN@icepower.dk / +45 51 92 54 36 or
Mads Emil Solgaard on SOL@icepower.dk / +45 40 28 99 04.

Apply for this position by sending your CV and application in English to:
job@icepower.dk

Mark the email subject field: Application - Embedded software developer for audio Hardware

As we are looking to fill this position as soon as possible, we will be reviewing applications on an ongoing basis, starting from week 51.

ICEpower

**Sound made
powerful**

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