

We are hiring!



Digital and embedded systems engineer

Introduction

Do you want to work for a company which makes the coolest high-tech electronics in the world utilizing nanotechnology? A company that invests heavily in creating a unique work environment for its employees? A company with diversity and competence you will have a hard time finding anywhere else? Do you want to be a part of our team? Then you should keep reading.

About Low Noise Factory

Low Noise Factory (LNF) designs and produces the world's best low noise microwave amplifiers. These amplifiers are used near absolute zero –cryogenic– temperatures for space exploration, quantum computing, radio astronomy, and for various ground-breaking scientific endeavors where extreme sensitivity is paramount. Our amplifiers help receive signals from the most distant man-made object from Earth, the Voyager 1 space probe, help read quantum states in the fastest quantum computers, and help make MRI scanners work in medical institutions. Low Noise Factory's state-of-the-art amplifiers are far ahead of the competition. We invest heavily in research and collaborate closely with academic and scientific communities to keep advancing our technology further and further. Our success is the result of passion for science and precision, advanced by devotion and curiosity. As explorers on the technological frontier, our aim is to keep making the impossible possible. We do everything from basic research to product development, production, and testing. In our 1000 sqm facility in Gothenburg, we work in state-of-the-art laboratories; from electronics assembly labs to high frequency cryogenic testing. In addition, we have access to advanced cleanrooms where we develop and produce our semiconductor circuits. LNF has today 19 employees with a background from 12 different countries.

Job description

We are currently looking to expand our R&D department with a digital and embedded systems engineer. We are looking for an experienced engineer to lead our digital and embedded projects. You will also support the rest of the organization with digital and embedded designs for internal production and R&D systems.

Responsibilities

- Design the digital electronic parts of our products.
- Develop the embedded software for our products.
- Develop and oversee the product and production verification procedures for our digital products.

Requirements and qualifications

- B.Sc. or M.Sc. degree with minimum 5 years relevant experience in digital and embedded systems design and engineering.
- Experience in hardware/software test and evaluation

- Understanding design of digital systems for sensitive analog systems
- Strong knowledge of digital design tools
- Strong knowledge in embedded software design and test
- Proficient in written and spoken English
- Attentive to details and team player

Valuable additional skills

- Altium designer is the standard PCB layout tool at LNF
- Basic understanding of RF and microwave systems
- Measurement automation

Benefits and terms

- Fulltime 40h/week
- Flexible workhours
- 30 days' vacation per year
- Occupational pension
- Generous bonus system
- Health maintenance benefit (Friskvårdsbidrag)
- Occupational health services (Företagshälsovård)
- Private medical treatment insurance
- Food benefit

Workplace

The position is full time and located at the Low Noise Factory main office at Nellickevägen 24, Gothenburg, Sweden

How to apply

send your personal letter and CV to career@lownoisefactory.com

last day of application: **1st of December 2023**