



Delivering efficiency

Eta Devices is looking for a
Principal Analog Engineer

Working at Eta Devices

Eta Devices is a fabless semiconductor company headquartered in Cambridge, MA with an R&D office in Stockholm, Sweden. Based on breakthrough research from MIT, the company has assembled the best minds in the industry to realize breakthrough performance gains in the efficiency of power amplifiers for mobile base stations and handsets.

The founders of Eta Devices include two MIT electrical engineering professors and a former lead power amplifier (PA) researcher at both Ericsson and Huawei. The game-changing technology developed by Eta Devices solves the fundamental trade-off between power efficiency and linearity to currently deliver 70%+ efficiency for LTE and WCDMA PAs with a 100% efficiency limit. This brings a range of cost and performance benefits to mobile base station vendors and handset manufacturers. In addition, it significantly lowers the carbon footprint of the mobile industry.

We are backed by leading VCs and have raised two substantial financing rounds to date. Our strong financial backing enables us to focus on long-term growth and value creation rather than chase short-term opportunities.

Eta Devices is a young company with a culture that is dynamic, innovative, fast-paced and performance-oriented. By joining Eta Devices you get to work in a high power team where 40% of staff hold PhD degrees and almost everyone at least one Master's degree. Our ambitions are high as we believe that we are the only team in the world with all the required capabilities to deliver a game-changing power amplifier solution. Based on strong market traction to date, we are now expanding our technical team with outstanding talent.

To learn what the market says about Eta Devices please visit our press section at: etadevices.com/press/

Eta Devices

United States
245 First Street
Cambridge MA 02142 USA

Sweden
Borgarfjordsgatan 13A
164 40 Kista, Sweden



Principal Analog Engineer

Job description

Responsibilities include design of analog, mixed signal and power converter circuits and blocks targeting advanced power management solutions. Including but not limited to DC/DC converter, op amp, bandgap reference, LDO, energy management, PWM, control circuits.

Qualifications

- Demonstrated ability to develop analog design blocks in Si (taped out, working, proven hardware design blocks shipping in product).
- Hands-on experience with testing and troubleshooting designs in the lab, test equipment and measurement control. Proficiency in CAD tools, including Cadence Spectre/Virtuoso, Agilent ADS/Momentum, others.
- Advanced knowledge of semiconductor device technologies, wafer foundry options and device models. Familiarity with RF power amplifier and front-end technologies.
- Knowledge of advanced power management technologies, such as envelope tracking, is a plus.
- Background/requirements: MS/PhD with 5+ years relevant industry experience in Electrical Engineering
- Experience in a highly collegial start-up environment
- Strong communication skills.
- Capable of presenting complex technical material to an audience of peers and to customers.

Eta Devices offers an exceptional compensation plan including equity and a competitive benefits package.

Interested Candidates are invited to send their resume and cover letter to careers@etadevices.com

For any questions concerning this position, please contact: Rachel Fanelli, Human Resources Staffing Partner

+1 (508) 274 9104