

Senior Analog IC Design Engineer

Play a key role in the design of new ICs that will make power conversion safer and more efficient

Role

Heyday integrated circuits is looking for an Analog IC design engineer with 7 to 10 years of experience, to grow its international analog mixed-signal design team. The position requires a proven track record of bringing integrated circuits from concept to mass production. You will have a role in system architecture, you will be responsible for top chip level and for designing transistor-level analog and mixed-signal circuit blocks. You will also give technical guidance to layout engineers and less experienced IC engineers in the team.

Responsibilities

- With support from team: architects, designs and verifies circuits, logic, systems, algorithms, etc. to meet product requirements
- Communicates with test, quality team to bring chip to production
- Give technical guidance to Layout engineers and less experienced engineers
- Reports on design results through design reviews, in accordance with company quality requirements and resolves action items generated as a result of these reviews
- Detailed documentation, silicon evaluation and debugging

Who you are & the skills we seek

- An autonomous, curious and creative person
- A self-starter, willing to learn, that excels through times of growth, ambiguity and change
- 7+ years of analog/mixed-signal design experience developing mixed-signal ICs
- Good knowledge of MOS transistors and analog circuit design
- Advanced understanding of layout trade-offs for performance and size
- Previous design experience in one (ideally more) of the following areas:
 - Integrated Power converters (buck, boost, charge pumps, rectifiers)
 - Building blocks: LDOs, Opamps, switched capacitors, ADCs, DACs, bandgaps.
- Knowledge of Synopsys or Cadence Cad tools
- Good English written and verbal presentation skills
- BEng, MSc. or PhD in Electrical or Electronic Engineering
- You need to be eligible to work in France
- You adhere to the values of Heyday

What we offer

- Permanent contract based in near Sophia-Antipolis (Cote d'Azur, France)
- A dynamic workplace with lots of potential for (fast-paced) career growth
- A place to learn and develop new skills
- An attractive compensation package including:
 - competitive salary
 - performance related bonus
 - stock-options plan
 - comprehensive healthcare insurance
 - flexible working hours

About Heyday

Heyday is an innovative start-up that is active in semiconductor products in the space of power management integrated circuits. For more information please visit our website: www.heyday-ic.com.

To apply, please click on the "apply" button of the relevant job at www.heyday-ic.com/careers.
For additional information please contact us www.heyday-ic.com/contact.