



## **Analog IC Design Engineer**

Sicoya is a technology leader in silicon photonics based interconnect solutions with headquarter in Berlin, Germany. We offer monolithically integrated transceiver chips for next generation data centers. The team consists of highly professional design engineers and managers with many years of experience in bringing state of the art products to the market. As an IC Designer at Sicoya, you will dive into a unique challenge, as you are involved in the design and the development of the next generation of integrated photonic chips

Start: a.s.a.p.

Employment: Full time

Experience: 5+ years of experience

### **Your tasks:**

- High speed mixed signal design
- Gate level and logic block level design
- Definition of design methodology and design environment
- Full range of control circuits: analog, digital, custom synthesized blocks, microcontroller programming, ADC's and DAC's

### **Required profile:**

- Master's degree in physics or electronic engineering, preferred is a Ph.D
- Experience in ASIC design flow from specification to tape-out
- Clear understanding of high speed analog design and RF design principles
- Ability to define, specify and test digital blocks
- Extensive experience with a wide range of IC design tools
- Experience with layout on gate, block and chip level in CMOS and BiCMOS technology
- Basic knowledge in the use of RTL coding, firmware development and control loops
- Proactive problem solving skills
- Team player that thrives in a dynamic working environment
- Professional working proficiency in English is mandatory and knowledge of German would be an asset

### **What we offer:**

- High degree of personal responsibility
- Exciting and varying tasks
- Ambitious team that is working together for more than 9 years
- Flexible working hours, free drinks and fruit
- Fascinating opportunity in an international high tech start-up environment in the middle of Berlin

Are you interested in working with us? Then we may just be waiting to hear from you. Please send us your CV and a motivation letter by email to: [jobs@sicoya.com](mailto:jobs@sicoya.com)

Sicoya is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to gender, race, color, ethnicity, national origin, religion or belief, sexual orientation, disability or age.