



Senior Signal Integrity Engineer (m/w/d)

Sicoya is a technology leader in silicon photonics based interconnect solutions with headquarter in Berlin, Germany. We offer monolithically integrated semiconductor chips and transceivers for next generation data centers that are manufactured by CMOS foundries and Asian based contract manufacturers. 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. In this position you will dive into a unique challenge, as you are involved in the design and the development of the next generation of optical transceivers.

Start: a.s.a.p.

Employment: Full time

Experience: 3+ years of experience

Your tasks:

- Design of RF substrates for embedded optical modules and pluggable transceivers
- Simulation and signal integrity analysis of high speed interconnects
- Development of PCB for the verification of electro-optical integrated circuits
- Design the RF system of optical pluggable transceivers
- Testing and documentation

Required profile:

- Master's degree in Electrical Engineering with experience in RF design
- Adequate experience in the EDA tools, such as Cadence, Altium, OrCAD, Allegro etc.
- 3 years of experience in RF circuit design or equivalent. PhD in the design of RF circuits is an asset.
- Must have experience using state-of-the-art simulation tools such as HFSS, CST Microwave Studio and ADS.
- Expert in RF modeling, testing and design (signal integrity)
- Proactive problem-solving skills
- Team player that thrives in a dynamic working environment
- Professional working proficiency in English is mandatory and knowledge of German is 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 fruits
- Fascinating opportunity in an international high tech start-up environment in 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

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.