

## **SoC R&D Manager (10+ years' experience)**

ID Quantique (IDQ) is the world leader in quantum-safe crypto solutions, designed to protect data for the long-term future. The company provides quantum-safe network encryption solutions and services to the financial industry, enterprises, and government organizations. IDQ also commercializes a quantum random number generator (QRNG), which is the reference in the security, simulation, and gaming industries. Additionally, IDQ is a leading provider of optical instrumentation products, most notably photon counters and related electronics. The company's innovative photonic solutions are used in both commercial and research applications.

### **Base Qualifications / Responsibilities**

- ✓ Lead the engineering team in charge of delivering our Quantum chipset roadmap
- ✓ Manage design partners and silicon vendors to provide a high-quality product
- ✓ Design, develop, validate and industrialize Quantum chipset product for worldwide distribution
- ✓ Manage embedded software development linked to the chipset
- ✓ Collaborate with key customers in Korea to integrate our technical solutions into their devices
- ✓ Bring thought leadership to the organization around chip/silicon R&D, packaging, and related technology (MCP, SiLED..)
- ✓ 10+ years of working experience.

### **Preferred Qualifications**

- ✓ Experience in production setup, validation, test, and optimization of a manufacturing process in a system IC company
- ✓ Experience in developing an industrial SoC from scratch
- ✓ Experience with photonics integrated systems/circuits
- ✓ Large experience in SoC application engineering includes verifying FPGA or chipset based on strong embedded SW skills such as BSP or device driver software.
- ✓ Good English communication

### **Education Requirements:**

- ✓ Bachelor's degree in Computer Engineering/Computer Science/Electrical Engineering required. (or equivalent)

**The position is open immediately.**

Should you be interested by this opportunity, please send a full application to:

**HRKorea@idquantique.com**

**Reference to be mentioned in the subject of your e-mail : Korea SRM10.**



ID Quantique Ltd is an equal opportunity employer and considers qualified applicants for employment without regard to race, color, creed, religion, national origin, sex, sexual orientation, gender identity, age, disability, veteran status, or any other status protected by law.