



Wireless System Architect

Job description

This is your chance to lead the System Architecture of Infineon's Bluetooth solutions for next generation IoT products.

In your new role you will:

- Be the Wireless System Architect for next generation IoT products
- Define BT sub-system requirements working with Marketing, Customers, IC Design, SW and System Algorithm Teams
- Study Algorithms and Architectural trade-offs and digital/ analog/ Firmware partition
- Document Architectural Specifications for the sub-system into micro-architectural detail for design, verification and software development teams
- Drive Power/Performance/Area modeling and optimization studies
- Have a deep understanding of **Wireless PHY/MAC and RF** interfaces to optimally place the Wireless sub-system at the SoC architecture level
- Work closely with SW Architects on SW-reuse and SW optimization choices
- Investigate and adopt complimentary wireless solutions into the Bluetooth system or SoC

Profile

You are best equipped for this task if you have:

- Demonstrated experience in **architecting Wireless sub-systems** from inception to high-volume production
- Masters degree or higher in EE
- Min 15 years of experience in Architecture and/or Algorithm roles in Wireless technologies
- Experience with developing Wireless **algorithms or protocols**
- Excellent team-work skills, working with a wide cross-functional team and peers
- Excellent documentation, presentation skills
- Strategic vision to recommend new architectures and complementary technologies

At a glance

Location:	San Jose, CA (United States), Irvine, CA (United States)
Job ID:	318064
Start date:	immediately
Entry level:	5+ years
Type:	Full time
Contract:	Permanent

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