



Lead Electronics Engineer - Job Description

Job Title: Lead Electronics Engineer

Position: Lead Electronics Engineer

Qualification: Bachelor's, Master's in Electronics, Electrical, or relevant fields

Experience: 7+ years

Probation Period: 3+3 months (Full-time)

Relevant Experience: The ideal candidate should have 7+ years of experience to fit in the following profile.

Job Purpose and Responsibilities:

- Lead and drive the electronics activities of amPICQ.
- Manage all aspects of amPICQ's Electronics Development. Single point of contact for all things related to electronics design at amPICQ.
- Contribute to roadmap development.
- Organize and schedule job tasks with the team.
- Provide leadership to the assigned team and drive productivity.
- Manage global stakeholders including regional partners or global program managers.
- Design, define, and implement complex system requirements by performing detailed analyses.
- Deliver and execute the assigned projects.
- Ability to present solutions to stakeholders and coordinate development tasks with team members, plan them out, and deliver on time.
- Risk analysis and mitigation strategy.
- Align with all stakeholders involved to understand their requirements and deliver accordingly.
- Manage resource utilization and assign accordingly.
- Coordinate with external vendors and suppliers.
- Build a viable supply chain ready for volume manufacturing.

Competencies and Work Experience:

- Contribute professional and technical expertise.
- VLSI Design.
- Embedded Systems Design.
- Analogue IC Design.
- PCB Layout Design. Develop fully integrated solutions for amPICQ's product line.
- Build systems for laboratory testing and validation (test bed).
- Skilled in self-learning. Wide variety of technical skills (especially related to electronics design) to be able to perform all facets of the project from start to end.
- Design, layout, and overall development using open-source tools.
- Python Scripting.
- Some experience in High-speed and RF Design.
- Experience in developing Trans-Impedance Amplifiers (TIAs), Lock-in Amplifiers, Differential Amplifiers, Current, Voltage Drivers, Balanced Detectors, and Arbitrary Waveform Generators is a plus.
- Willing to learn the basics of Photonics.
- Familiarity with Optical or Photonics technology is a plus.

Location: Hyderabad

Reporting: Report directly to the CTO of amPICQ.