



Job Description

1. Job Title: CTO

Job Description:

- Guiding the direction of R & D and business development
- Leading the R & D Department to devise and carry out the objectives and development plan for technical development and application
- Formulating and carrying out the technical bylaw and detailed rules
- Directing the R & D trial according to the market requirement
- Being responsible for internal technical support and external technical cooperation
- Being responsible for the development and innovation of products, creating and implementing the quality system, the standardization and quantitative management of the company
- Doing technical analysis and quality analysis regularly, being responsible for avoiding and remedying the mistakes of products and guiding the supervision of unqualified products
- Strong business partnering, influencing, communication, stakeholder alignment, people management skills are required

2. Job Title: Analog/Mixed-signal Design Manager /Director

Job Description:

- Managing analog/mixed signal IC design process, including prior experience setting product development schedules and budgets.
- Managing an analog/mixed signal design team and developing design competency.
- Responsible for mentoring junior engineers and providing recommendations on design, layout and test methodologies.
- Plan, analyze, design, simulate, verify, document and release to production ICs for wireless applications.
- Work at all levels of design including collaborating with a transceiver architect to analyze topology tradeoffs and generate detailed specifications, working independently to propose circuit level implementations, performing transistor-level design and simulation, overseeing layout of circuit blocks, performing physical extraction and verification, and perform bench-tests in silicon.
- Design analog/mixed signal circuits, including DACs, ADCs, high-speed, high-resolution data converters, switch-cap circuitry, Gm-C filters, PLL, sigma-delta modulators, regulators, bandgap, etc.
- Work closely with layout team as well as do own layouts and verify the functionality.
- Assist verification team to design PCB board for chip testing.
- Assist in development of production test.

3. Job Title: Architecture Manager /Director

Job Description:

- The responsibilities for this position include championing the architecture and design of RFIC circuits (like LNAs, RF power amplifiers, frequency synthesizers, mixers, etc) and the integration of the whole RF/Analog front-end in BiCMOS/CMOS technology.
- This leadership position is responsible for the design, analysis, and simulation at the block and circuit level for an RF IC transceiver.
- You will drive the technical implementation of the chip including block level partitioning and performance specifications.
- You will be a focal point in working with the IC circuit designers in the detailed implementation phase and a primary participant in working with system engineers.
- You will also perform hands-on design of critical circuits.

4. Job Title: PA Design Manager/Director

Job Description:

- Managing a PA design team and developing PA design competency.
- Responsible for mentoring junior engineers and providing recommendations on design, layout and test methodologies.
- Plan, analyze, design, simulate, verify, document and release to production PAs for wireless applications.
- Linear PA/GaAs HBT power amplifiers design and development.
- Assist verification team to design PCB board for chip testing.
- Assist in development of production test.

5. Job Title: RFIC Design Manager/Director

Job Description:

- Managing wireless RFIC transceivers design process, including prior experience setting product development schedules and budgets.
- Managing an RFIC design team and developing RFIC design competency.
- Responsible for mentoring junior engineers and providing recommendations on design, layout and test methodologies.
- Plan, analyze, design, simulate, verify, document and release to production RFICs for wireless applications.
- Work at all levels of design including collaborating with a transceiver architect to analyze topology tradeoffs and generate detailed specifications, working independently to propose circuit level implementations, performing transistor-level design and simulation, overseeing layout of RF blocks, performing physical extraction and verification, and perform bench-tests in silicon.
- Design radio frequency transceiver circuits, including LNAs, downconverters, image rejection mixers, AGC amplifiers, VCOs, synthesizers, upconverters, modulators, power amplifiers, TR switches, opamps, DACs, ADCs, buffers, biasing circuits, etc.
- Work closely with layout team as well as do own layouts and verify the functionality.
- Assist verification team to design PCB board for chip testing; Assist in development of production test.

6. Job Title: Director for Technical Marketing

Job Description:

- 10+ years US RF industry experience (know how, exposure, credit and respect)
- System know-how that can technically communicate with system houses (potential customers/partners)
- Market knowledge that provide insight in new opportunities/directions
- Team building experience in China and project lead in the USA to provide leadership
- Skillful in handling people
- 90% based in China
- International Travel (Taiwan and USA)
- Team spirit and closely work with business and tech (design) teams

7. Job Title: Director for Production (Packaging & Testing)

Job Description:

- MSEE or PhD in EE, plus at least 5 years of hands-on back-end production experience with a good track record. RFIC design house experience is a big plus.
- In-depth knowledge of foundry/assembling/testing process and yield improvement
- Strong familiarity with different test platforms, test program development, loadboard tuning and production test. Agilent 84K, Teradyne Catalyst, LTX CX fusion experiences is a plus.
- In-depth understanding of semiconductor device, microwave and communication theory.
- Good experiences on RF equipments
- Outstanding leadership and communication skills
- Self-motivated attitude and excellent team spirit.
- Strong problem solving skills