**Analog IC design engineer**

**Qualification:**

* Bachelor Degree or Master Degree or Doctoral Degree in Analog/Mixed signal IC Design/ VLSI or related field with analog background
* Foreigner is welcome
* Experience From: 0+ years
* Age From: 20 To 30 Yrs
* Ability to work alone and teamwork proactively
* Ability to work in both detail-oriented and big picture
* Creativity & Systematic problem solving
* High Responsibility
* Well organized, Self-learner with quick adaptation
* Good English communication skills
* Be a strong team player and possess good interpersonal communication skills.

**Job Responsibilities:**

* Design analog/mixed-signal ICs especially in CMOS processes.
* Perform circuit design, simulation, and layout verification.
* Create verification and application documentation.
* Create ASIC characterization plans
* Perform silicon validation on ASIC tester or in lab.
* Interact directly with other designers/ design architect to ensure the compatibility of his/her work with the overall system.
* Review of designs done by peers.

**Desired Work Experience**

* Knowledge of CMOS analog circuit design concepts (expertise in design of one block is needed).
* Knowledge of IC development process.
* Knowledge of digital IC design is a plus.
* Knowledge of signal processing, understanding of devices and process technology to be able to do complex circuit design.
* Capability to justify the specifications of the block.
* Capability to design Analog block (eg. ADC, DAC, PLL, RF circuit), layout floorplaning and characterization.
* Capability to design and analysis with in Time / Resource constrain
* Prior minimum 1-2 years’ experience of analog IC design in the area of RFID, Smartcard, Network, telecommunications products, RF IC is a plus.
* Proficiency in use of EDA tools for schematic capture, circuit design (SPICE) and layout.
* Innovative mindset to develop efficient and smart solutions.

**If you possess the qualities that match our requirements, please send a comprehensive resume to the address or E-mail address below:***Human Resources Department* **Silicon Craft Technology Co., Ltd.**

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