



## **JOB DESCRIPTION**

Job Title: RF IC Design Engineer

Department: Engineering

Manager: CTO

Location: Flexible

Thalia Design Automation is an Electronic Design Automation solutions provider targeting Analog and RF chip design market. Our solutions through high value consulting offerings help customers to quickly and efficiently address issues e.g.

- Migrating designs across technologies,
- Creating different variants of a design,
- Generating and/or assisting in the development of IPs
- Custom IC Design

### **Team Overview:**

A chance to work with some of the best RF IC Designers in the industry has arisen in the UK and an opportunity for an RF IC Designer to further their career in this the area of Cellular/Mobile applications.

In this role you will work on the specification, architecture design, circuit design and implementation of key Analog and RF circuit blocks for next generation multi-standard radios in deep sub-micron CMOS.

### **Core Job Functions:**

The role will be for a circuit designer with an interest in a variety of high performance Analog and RF blocks such as LNAs, Power Amplifiers, Mixers, Drivers, VCOs, PLLs, ADCs, Baseband filters and power management blocks. You will focus on delivering highly competitive Analog blocks with leading edge performance using innovative architectures and circuit implementations.

You will have an excellent understanding of Analog and RF CMOS circuit design and of Analog IC layout in deep sub-micron CMOS technology and will provide direction and supervision for layout implementation. You will work closely with system engineers on the optimisation of the system and specification of RF blocks.

### **Key Skills and Experience:**

- BSc or MSc or equivalent in Electronic Engineering,
- Strong commercial experience in RF IC Design
- Experience of designing high performance analogue and/or RF circuits in deep-submicron CMOS technology



- You will be a strong team player, able to operate as both an innovator and an implementer
- You will participate in multi-site developments across different time zones and cultures requiring excellent written and verbal communication skills
- Experience with the Cadence Analog Design Environment

**Desirable Skills and Experience:**

- A strong analytical approach is desired with a clear track record of success and delivery
- Experience with advanced circuit simulation tools and EM simulation tools is a benefit

**Thalia Design Automation Ltd is an Equal Opportunity Employer**

*This job description is intended as a summary of the primary responsibilities and qualifications for this position. The job description is not intended to be inclusive of all duties an individual in this position might be asked to perform or of all qualifications that may be required either now or in the future.*