Job Description

Job Title: Senior Hardware Engineer	**Reporting To:** Engineering Director
Department: Engineering	**Location:** Cambourne, UK

Job Précis:

We're looking for an experienced Hardware Design Engineer to work as part of a small team, developing baseband designs for 2G, 3G and LTE Small Cells.

Accountabilities:

- Product feasibility / architecture definition
- Schematic entry and component selection
- Supervise PCB layout.
- Prototype bring up and validation such as signal integrity, thermal and reliability.
- Support EMC, safety and environmental Testing at external labs.
- Support existing designs, update design and components.

Role Requirements:

Essential Skills / Experience:

- A degree in a relevant subject (Electronic Engineering / Science or equivalent).
- Ability to work independently as well as part of a team.
- Embedded processor design, including DDR, Flash and Ethernet.
- Design/development of high speed digital products
- Digital interface standards, eg SPI, I2C, USB
- Mixed Signal design
- Secondary (DC-DC) power supply design.
- Validation and design of volume products.
- Ability to use test equipment such as oscilloscopes.
- Excellent hardware debugging skills to a component level.
- Schematic capture and PCB layout tools.
- Design for EMC

Desirable Skills

- Experience of Cadence OrCad Schematic capture and PCB design packages.
- 2G / 3G / LTE wireless systems.
- Use of Linux environment and tools.
- Competent soldering skills

Competencies:

Business Awareness:
Has a good understanding of telecommunications environment and mobile technology and is aware of new advances that are likely to affect the organisation.

Communication:
Possess strong communication skills and is comfortable in discussing ideas and solutions with others in order to successfully resolve issues. Identifies relevant information, who to communicate it to and the appropriate means by which to do so. Can communicate effectively with remote working teams. Able to convert information to the level required for the target audience

Teamwork:

Is comfortable working within a global environment and is able to effectively communicate across different time zones and with different nationalities. Has experience of working within a matrix environment and contributes positively and effectively to team goals. Encourages collaborative team spirit and maintains team harmony even when under pressure. Able to mentor and support team members in areas of own expertise.

Personal Accountability:
Is a self-starter, demonstrates a 'can-do' attitude and is able to adapt to new role requirements with ease.
Demonstrates self-drive, focus and a determination to succeed. Applies initiative when required and takes ownership for achievement of own activities.
Values the contributions of others and is able to accept and apply constructive criticism