**Hardware Design Engineer – System Products**

**Reference Number: 13075**

IDEX is recruiting Product Development and System Engineering roles in the UK to further expand our team designing cutting-edge products based on IDEX fingerprint sensing technology. We are looking for highly talented Hardware Design Engineers with strong expertise in the design of analogue systems or products. This role may be offered as a senior position with scope for team leadership and managerial responsibility depending on the candidates experience and skill set.

Tasks and responsibilities:

* Drive the hardware design of next generation IDEX biometric fingerprint sensing products
* Take a holistic approach applying best practices and methodologies to the design process
* Drive designs from concept and system level, through DVT/PVT and release to production
* Liaise with cross functional teams (system, ASIC, embedded software, algorithms) to optimise designs, complete system integration and influence future architectures
* Work with suppliers and manufacturing partners to understand constraints and optimise designs for production
* Work with customers to support the design-in and product acceptance process
* Support the development of test systems and infrastructure for volume manufacturing

Experience:

* 10+ years’ experience in electronics or microelectronics design, preferably for high volume consumer applications
  + Analog circuit and subsystem analysis, design and simulation
  + Use of CAD and simulation software (e.g. Altium, LTSPICE, Cadence Allegro)
  + Use of standard laboratory T&M equipment for design evaluation & characterisation
* In addition to the above a strong understanding in the following areas would be beneficial
  + Optimising physical designs (e.g. PCB layouts) for high precision analog applications
  + Fine-line or high density PCB technologies for microelectronic applications

Education:

* Degree in Engineering, Electronics or related subjects (upper second class or equivalent)
* Alternative qualifications may be considered based on experience

Personal capabilities:

* Passionate for electronics and best-in-class product development
* Manages time and priorities to support multiple projects and deliver on-time
* Work effectively both independently and as part of a team
* Flexible to work on new projects and in new areas of the business as required
* Enjoys responsibility for a diverse portfolio of projects and assignments

Salary: Negotiable  
Work place: Farnborough Area, Hampshire, UK  
Travel activity: International travel required  
Web site: [www.idex.no](http://www.idex.no)  
Contact: [careers[at]idex.no](mailto:careers@idex.no)  
Application deadline: ASAP

The above role does not support any applicants who require a visa to work in the UK.

***Please quote the above reference number in any communication or application related to this role.***