



Senior RF Design Engineer (R&D Department) Salary Range: Negotiable

Datong Electronics is a leading manufacturer in the field of electronic surveillance equipment based in Leeds and currently employing some 65 highly skilled people. First established in 1974, Datong swiftly built up a reputation for quality, innovation, reliability and customer service. Today the company designs and manufactures a range of advanced surveillance products to meet many commercial requirements. The equipment was developed with stand alone applications in mind, yet collectively constitutes a comprehensive surveillance system, offering customers the ultimate in flexibility.

Datong has a commitment to developing leading edge technologies to meet our customers exacting requirements. This commitment is reflected in the 20 plus engineers of degree standard in our Research & Development Department.

We are currently looking to recruit a Senior RF Design Engineer to join our R&D team. An ability to work independently and as part of a multifunctional project team comprising software, firmware and hardware engineers is essential. Candidates should have a broad awareness of current technologies and trends within their relevant areas, and should be enthusiastic to learn and embrace new technologies. Training is offered where necessary.

Working within the Development Department you will be part of a team of engineers designing new products and supporting existing ones. This role reports to the Principal Hardware Engineer. Working hours are 37½ hours per week.

Candidates should have a minimum of 4 years experience of the design of RF circuits.

Essential Qualifications:

- Honours degree in a relevant subject

Skill areas / key tasks:

- Translation of product requirements into hard specifications
- Design segmentation and interface definition
- Design of low power RF transmitter and receiver circuits up-to 2GHz
- Design of PLL
- Design of low power analogue circuits
- Design of DC input power supplies
- Liaison with Design Office to provide support during schematic capture and PCB layout
- Design validation
- Support for test department during product introduction
- Through life support for above

Additional Benefits:

- 25 days annual leave, increasing with length of service
- Stakeholder pension after 3 months with company contribution of between 3–5% of annual salary
- Optional healthcare cover after 2 year's service
- Annual bonus based on company performance
- Death in Service Life Assurance scheme (2 x annual salary)
- Gym membership contribution of £20 per month

***NB Successful candidates will ultimately be subject to security clearance for which full British Nationality is required.**