

PRODUCT DESIGN ENGINEER (OPTICS) – API MICROELECTRONICS LTD

About us

API Microelectronics Ltd based in Great Yarmouth is an AS9100, ISO-9001 certified and ESA approved leading provider of electronic components, optoelectronics, modules and hybrids.

We work on exciting and highly complex programmes specialising in microelectronic products that are high performing with high reliability designed for use in harsh environments across the space, defence, aerospace, industrial, and energy sectors.

Our customers rely on our highly talented engineering and production teams who have the expertise to transform an idea into a fully tested and qualified high reliability, high quality and safe product whilst ensuring the smallest possible footprint.

About the role

We are looking for a talented Product Design Engineer to join our Engineering Team where you will provide technical design and layout expertise for both customer and internal released and development products.

Your main responsibilities and duties will include:

- To define, design and develop Opto electronic products for harsh environment applications
- Define and develop Opto electronics manufacturing processes
- Define and develop Opto electronics testing systems & methods
- Define and develop optical fibre interconnects
- Manufacture of prototype products
- Perform and report verification testing of prototype product
- Transfer products from NPI to Manufacture
- Undertake identified aspects of the design and development of new products
- Actively improve or optimise aspects of design, function or processing of existing key products
- Support other departments with urgent issues relating to existing designs or testing, and to formulate effective solutions

About you

You are a methodical Product Design Engineer with a passion for solving problems educated to bachelor's degree level with previous experience in electronics and optoelectronics design engineering. You are self-motivated with high levels of integrity and have a creative approach for generating new ideas, striving to continuously improve, question and reason and always seeking to add value.

What we can offer you

- Competitive salary
- Generous annual leave entitlement – 25 days holiday plus bank holidays
- Contributory pension scheme at competitive rates – 6% er and 3% ee
- Company sick pay
- Life assurance 3 x basic salary
- Relocation assistance and support with temporary accommodation
- Commitment to Training and Development and support for further education
- Flexi time scheme
- Employee discount scheme

Why Norfolk?

East Anglia is often said to be one of the best places in the country to live when it comes to quality of life and it's no wonder.

Norfolk is a wonderful rural county blessed with some great beaches, picturesque towns and villages, and the natural beauty of the Norfolk Broads – Britain's largest protected wetland and the third largest inland waterway.

Within easy reach are some of the country's most beautiful and varied coastlines from cliff-lined beaches at Hunstanton, to Sheringham, where visitors can watch the sunset and the lovely seaside villages of Wells and Brancaster.

It's a great place for cyclists, from the flatlands of West Norfolk to the beaches of the East. Norfolk is a haven for wildlife, especially rare birds like marsh harriers and red kites, and Norwich is the UK's only UNESCO City of Literature.

The county has many opportunities for sailing, both coastal and inland on the Broads at the bustling villages of Wroxham and Horning.

Norwich is the capital and is a mixture of the modern and historic with its fantastic shopping centres and cobbled streets, it is ranked in the Top 10 shopping cities in the UK and its reputation continues to grow. Norwich is rich in history and boasts a Norman castle and two of the finest cathedrals in the country. It also has a vibrant nightlife, based around the regenerated Riverside area of the city centre and is also popular for arts, culture, music, and tourism.

The seaside town of Great Yarmouth, just 20 miles from Norwich, is uniquely located on a sandbank between the North Sea and the river Yare, with winding Broads to the north, south and west forming the start of the Broads National Park. Throughout Great Yarmouth, you will find lovely seaside towns and villages all along the coastline, surrounded by stunning Norfolk countryside, dotted with windmills and yacht sails flapping above the hedgerows.

Direct train services to and from London run every 30 minutes from Norwich Station and the area has good road and public transport links. It is also an easy drive or train journey to neighbouring counties of Suffolk and Cambridgeshire to experience all they have to offer.

Average house prices:

UK	£226,906
Norfolk	£250,204
Great Yarmouth	£188,354

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