

## Organisations supported

### Universities

We have a proven track record of collaboration with leading UK and European Universities involved in high level photonic and quantum technology R&D in sensing, secure communications, stable laser sources, QRNG and biophotonics.

### SME development projects

We have helped many small companies to develop their innovative photonic and microelectronic ideas into production devices used in Marine detection, Medical applications and High Speed (100Gb/s) data.

### Large Company prototype research

Bay Photonics work closely with many well-known large organizations including Toshiba, Lumentum, BAE Systems, GE and others to provide rapid, flexible prototyping capability, design and manufacture for photonic based PIC and micro-electronics technology

### Consortia participants

Bay Photonics are the perfect partner for your Grant funded project where we have experienced successful projects with InnovateUK (QKD, PIC packaging) and the EU H2020 (THz signal processing and PIC packaging) programs.



## Contact us

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Specialists in  
Photonic IC Assembly and Packaging  
Make your Photonics IC project a reality

## About us

**USP:** With our ultra-modern and well-equipped facilities, plus vastly experienced technical staff, Bay Photonics can help make your Photonic IC (PIC) projects become a reality with our open access to innovative packaging capability.

Bay Photonics are an independent, flexible design and build SME offering reduced time to market, reduced technical risk and reduced product development cost solution for projects that the customer finds difficult to gain traction due to low volume, degree of technical difficulty, broad engineering know-how required and restricted access to assembly capability.

We specialise in helping build PIC prototypes that require a flexible and technically innovative approach to assembly and test.

Having worked at world leading opto-electronic component manufacturers our technical team have vast experience in developing the right packaging and production solution.

Located in the South West of the UK, with main office in Paignton at the Electronics & Photonics Innovation Centre (EPIC), we are housed with other members of the Torbay Photonics Cluster ecosystem and together we offer extended expertise and capability.

 **bay photonics**  
Advanced Photonics Assembly and Packaging

We have deep engineering expertise in your business sector

## Services & Capabilities

Bay Photonics offer a range of semiconductor / micro-electronic / photonic assembly processes to various different substrates / packages / modules

