

PRECISION | RELIABILITY | FLEXIBILITY

SKILLED SPECIALISTS
IN MANUFACTURING
HIGH-QUALITY
PRINTED CIRCUIT
BOARD ASSEMBLIES



www.mpe-electronics.co.uk



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OUR THREE UCKFIELD FACILITIES PROVIDE HIGH-QUALITY PCB ASSEMBLY, TESTING, FULL-BOX BUILD AND SUPPLY CHAIN SOLUTIONS TO CUSTOMERS ACROSS MULTIPLE INDUSTRIES

Our services include, but are not limited to

- PCB assembly
- PCB assembly prototyping
- PCB repair and rework
- Conformal coating
- Through Hole assembly
- Surface Mount technology
- Full-box build
- Electronics packaging
- NPI procedure
- Procurement and supply chain management
- PCB assembly engineering



**“RELIABILITY, QUALITY
AND TIMELY DELIVERY”**

BESPOKE ELECTRONICS MANUFACTURING

- MPE Electronics provides Printed Circuit Board assembly services ensuring a focus on quality, AOI (Automated Optical Inspection) and front-end engineering.

Each client's requirement is different and requires the use of calibrated tooling and test solutions, bespoke test software and equipment, custom metalwork or plastics and bespoke packaging. Our staff are trained in both the assembly and test of a particular product and the generic assembly skills needed to provide a product/assembly to the correct specification.

Whether it is surface mount, full box-build or only PCB assembly, we fulfil our link in the manufacturing supply chain ensuring the highest standards are observed in all of our electronics manufacturing.

Working closely with our manufacturing customers, we construct and produce the necessary tooling to ensure each product is assembled in a cost-effective way.



THE ASSEMBLY PROCESS INCLUDES:

- PCB Prototype and Assembly
- Surface Mount Technology
- Automated Optical Inspection (AOI)
- Through Hole Assembly
- Hand Solder /Wave Soldering
- Box Build Assembly
- Environmental Test
- Conformal Coating
- Electronics Potting



MPE OFFERS A TURNKEY SOLUTION
TO SHIP FULLY FINISHED, WORKING
PRODUCTS TO OUR CUSTOMERS AND
OUR CUSTOMERS' CUSTOMERS

This could entail anything from a PCB assembly, which could be tested and/or programmed to their specifications, to a complete box-build, which is also tested and/or programmed to their specifications.

We can go as far as packaging the final product, using our customers' own packaging. We can then deliver to our customer or ship directly to their customers.

**MPE has the flexibility to supply
you products to whichever build
level you require**

WE CAN WORK WITH COMPANIES TO BUILD TAILORED AND SOPHISTICATED PRODUCTS THAT MEET THEIR SPECIFICATIONS AND PROVIDE VITAL FUNCTIONS ACROSS A WIDE RANGE OF INDUSTRIES:



Aerospace



Maritime Electronics



**Medical Research
& Life Sciences**



Military & Defence



Oil & Gas



Rnewable Energies



Security

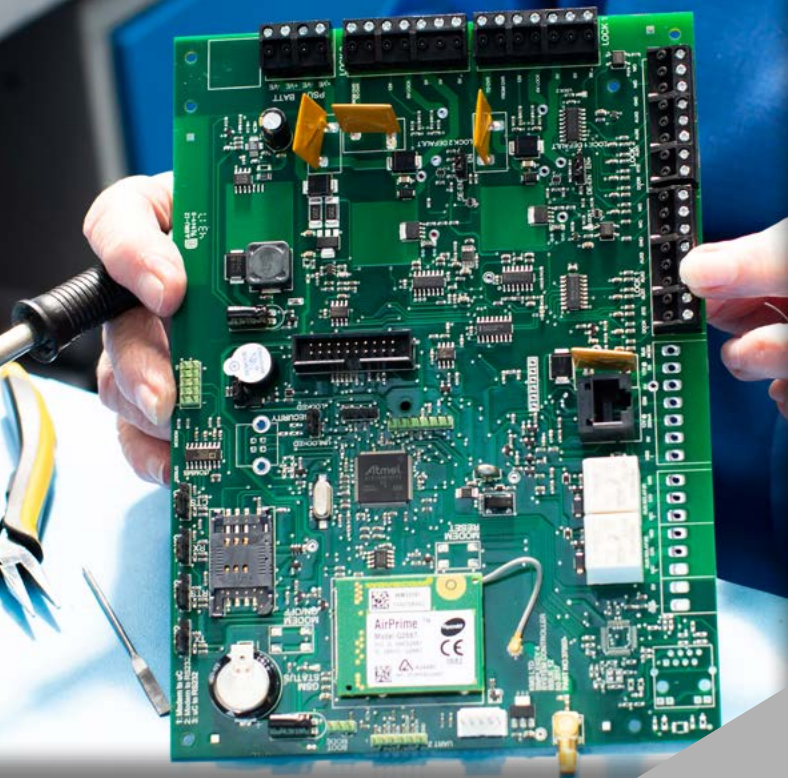


Telecommunications



**Industrial Product
Development & Engineering**

To accommodate our customers in highly demanding sectors, we take into consideration the fact that some technologies must be durable and highly resistant to unforgiving conditions such as corrosion, vibration, shock and variable temperatures.



MPE Electronics is one of the UK's leading Contract Electronics Manufacturers of Printed Circuit Board assemblies, renowned for excellence in the procurement, assembly and test of surface mount and mixed technology products.

MEETING EXPECTATIONS THROUGH

Outstanding component storage

Components are vacuum sealed in order to preserve them from damage. Nitrogen is used when required. JEDEC® standards are used for baking the components, in order to remove any moisture.



Traceability

A Certificate of Conformity is provided with each order. FAIR (First Article Inspection Report) documentation can be supplied upon request.

WHAT SETS MPE APART:

- 1 Contract and system planning designed to deliver on time and to specification every time
- 2 Product engineering that is dedicated to ensuring the highest quality PCBs and complete products
- 3 Stringent procurement and materials control ensure we meet our customers' needs
- 4 Modern and efficient plant and machinery
- 5 Thorough inspection of every single PCB at every stage of the production, unlike many PCB service suppliers, who opt for batch testing

WHY CHOOSE MPE?

- ✓ We have expertise and experience
- ✓ We prioritise high-quality communication
- ✓ All our processes are transparent
- ✓ We work within an agreed framework
- ✓ We have accurate forecasting
- ✓ We will work to shorten lead times and reduce costs
- ✓ We inspire trust

OUR VALUES AND CERTIFICATIONS



INTEGRITY



TRUST



RELIABILITY



FLEXIBILITY



COMMITMENT



SOCIAL
RESPONSIBILITY



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PRECISION



RELIABILITY



FLEXIBILITY