



Camtronics Vale

Truly flexible Electronics Manufacturing Services

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Experience

Camtronics Vale has been providing Electronics Manufacturing Services for over 25 years. Our vastly experienced team has encountered most of the challenges the industry has to offer and you can be confident that your product is in safe hands.

Quotation

At the time of quotation, we assess both the engineering and material requirements of your product in conjunction with the delivery leadtime you need. This means that the price we offer is fixed for that quotation, unless you request changes to be made. Material availability is checked and, where possible, we will suggest alternatives if a specified part is unavailable in the required leadtime.

We don't *quote low* to gain your business, then attempt to upsell due to material issues.

Project Management

We will support your full product cycle, from prototype to full production quantities. A dedicated Engineer will manage the first order of your product from order placement to delivery.

A full engineering evaluation occurs when we receive your order, including ratification of your data, so any issues we discover can be communicated at the earliest opportunity. This mitigates the risk of last minute surprises.

Manufacturing Services

Camtronics Vale provides an extensive range of electronics manufacturing services: Surface mount assembly, hand insertion, wave solder, Automatic Optical Inspection, test, conformal coating and electro-mechanical assembly.

Material

Our procurement team will source the material required for your build at the optimum leadtime/cost balance.

As a contract manufacturer, we are able to consolidate purchases to access pricing unavailable to individual operations. This buying power allows smaller organisations to compete against larger companies.

We are pleased to accept projects based on a full procurement, free issue or combination basis.

All orders and their procured material requirements are driven and controlled by our MRP system.

Quality

We use a Quality Management System accredited by SGS to ISO9001:2015. It is at the heart of all our processes. Our objective is to conform to your requirements in all aspects of our relationship. Certificate number GB04/61127.

Assemblies are inspected to IPC610 class 2 as standard. Class 3 is optionally available.

All surface mount assemblies are 100% inspected with Automatic Optical Inspection, in addition to manual inspection by a real human being. Ersascope optical inspection is employed on BGA devices. X-ray inspection is also available.

Technical

If your products are complex, a strong technical focus ensures that we can build the most demanding circuits:

- ✓ Stencil design, including stepped thicknesses if required
- ✓ Fully automatic vision aligned solder paste printing
- ✓ Massive (264 x 8mm) feeder capacity (for large line-count BoMs)
- ✓ 01005 to large odd-form devices up to 100mm
- ✓ BGA, LGA, QFN, DFN, CSP etc.
- ✓ Board sizes up to 460 x 500mm
- ✓ KIC Thermal profiling of all SMT projects
- ✓ AOI of all SMT assemblies
- ✓ Washable or no-clean process
- ✓ RoHS compliant or leaded assembly
- ✓ Lead-free wave solder
- ✓ Hand insertion
- ✓ Functional test
- ✓ Conformal coating
- ✓ Mechanical assembly
- ✓ Flexible packaging to meet your production requirements

Market Sectors

Camtronics Vale services a broad range of market sectors, including:

- ✓ Scientific Measurement Instrumentation
- ✓ Industrial sensors and control systems
- ✓ Specialist automotive systems
- ✓ Industrial printers
- ✓ Data loggers
- ✓ Access control systems
- ✓ Specialist lighting applications
- ✓ Agri-tech
- ✓ And many more...

“Throughout our near ten year partnership, we have always valued Camtronics’ commitment to flexibility and communication. Their collaborative and proactive approach is a major benefit to us and we value the high quality of the increasing number of products they manufacture on our behalf.”

Leading Bio-pharma company

“We have enjoyed an excellent commercial and technical relationship for over 20 years with Camtronics Vale. They have supported us in manufacturing and in continuously developing competitive products that keep us at the forefront of the industrial and automotive industry.”

Curtiss-Wright

Contact us now to learn how Camtronics can help you achieve your business objectives

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