



Your extra team

In every workplace, teamwork is an important part of the efficiency and success of the business.

You need to employ not just the right people for each job, but the right people for the way you work.

The team at ABI want to be a part of your success. As an extension of your workforce, we can work closely with you to improve processes, increase your profitability and reduce inefficiencies.

By listening and responding to your needs, we can deliver a flexible and cost-effective service.

Your extra team to rely on

Quality Built In

Quality is deeply rooted at ABI and does more than just conform to industry standards. This quality culture is supported by on-going operator training programmes. These ensure the capabilities of the tools and technologies involved are maximised to give you the highest possible product quality.

ABI Electronics is a leading manufacturer of test, measurement and fault diagnosis equipment with direct applications in R&D, repair, manufacture, test and education.

For over 25 years, ABI has been supplying world class solutions to suit the specific applications of a wide range of customers.

All our processes have **ISO9001** accreditation

- Design and re-development
- Prototyping and one-offs
- Low and medium volume runs
- Low setup and build costs
- Product & box build assembly
- Quick turnaround
- SMT fine pitch skills
- BGA technology
- 100% Automated Optical Inspection (AOI) and testing service
- Flexible procurement - from free issue through to full procurement
- Cable assembly
- Third Party Logistics
- Jtag test and programming
- Board functional testing

*“Quality is not just another goal...
...it is our strategy for future growth”*

High Quality

High Tech

Flexible

**Contract Electronics
Manufacture**

ABI Electronics Limited

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Why?

ABI Electronics Ltd has been designing and manufacturing high specification PCBs for over 25 years. Add to this a vast experience of surface mount technology, an experienced workforce and a range of equipment for both conventional and surface-mount assembly, and you can see why it is important to consider ABI for your next project. You can be assured of a quick and cost effective route to defect free assemblies.

Contact Us

The company's headquarters in Barnsley, South Yorkshire are located close to the motorway network, just 1 mile from junction 37 of the M1.



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Purchasing

If you are looking for cost-effective pricing and continuity of supply, we can maintain competitive procurement costs through established global purchasing capability. Alternatively we can assemble your supplied components whether complete or part issue.

Assembly



Automated Assembly

Optimisation of pick and place lines not only means that your setup costs are kept low, but makes the manufacture of low to medium volume boards cost effective.

Your assemblies will have an excellent yield rate due to our continual investment in automated technology in the manufacturing process.

Hand Assembly and Box Build

All of your hand-built prototypes, one-offs, small batches, cable assemblies, wiring looms and full box built product assemblies can benefit from our many years of experience in electronics manufacture and mechanical assembly.

You can rely upon a quality hand assembly service with our extensive facilities.

Test and Inspection

Inspection plays an important part in achieving high standards and your boards are guaranteed to have been fully inspected at ABI.

Skilled and dedicated operators are able to quickly spot any problems and take timely corrective action avoiding delays in your schedule. State-of-the-art, high magnification inspection equipment - the B3 advanced, high speed, multi colour benchtop AOI - is used for all SMT assemblies. This benchtop system inspects solder joints and verifies correct part assembly.

Third Party Logistics (3PL)

With our experience of shipping our own products world wide for over 25 years, we offer outsourced or "third party" logistics services to companies for part, or sometimes all, of their supply chain management function. We specialise in integrated warehousing and despatch services that can be scaled and customized to customer's needs based on the demands and delivery service requirements for their products and materials.

Prototyping

If you require one-off or small batch prototyping, we can offer a full range of services. Whether your design is digital, analogue or both, the best tools with which to put your design into production are available. A comprehensive feedback philosophy will ensure that your new design makes the smooth transition from prototype to production.