Electronic Design **and** Manufacture

LASCAR
electronics

One source for all your electronic design and development needs

- Electronic and mechanical design
- User interface and App design
- Software and firmware development
- Cloud and IoT systems
- Tooling and injection moulding

Selecting the right partner for your business can be challenging, with a wrong decision leading to spiralling costs, lead times, shipping and production quality issues.

With over 40 years' experience in delivering cutting edge technology, Lascar is a leading designer and manufacturer of data capture, touch screen and wireless products.

Lascar's unbeatable turn-key manufacturing service

We're experts in reducing production costs and lead times, and managing critical issues like component obsolescence. We offer kitting from low cost global supply chains, and Kanban and stock management services, while never compromising on product quality and On Time In Full performance.

- Fast design and prototyping service
- Low and high volume manufacturing (UK and Far East)
- ISO 9001 certified production
- Kanban and stock management
- Component obsolescence solutions

See the difference!

Smart phones have revolutionised the way we interact with products and equipment of all kinds, so touchscreen and display solutions have never been more important. Lascar offers a wide range of full colour TFT-LCD, LED, monochrome, e-paper and OLED options, including low-power and sunlight readability.

Lascar also understands the user interface itself is often the most critical feature for ease of use and perceived quality in a new product. Our expertise in storyboarding and graphic design ensures first-class user interfaces, every time.

Remote data access costs less than you think

Next-generation products across many industries now rely on effective data sharing. From connected medical devices to industrial process control equipment, capturing and processing real-time data is vital. Automating data collection and management procedures can also provide solutions for preventative maintenance and out-of-warranty use.

WiFi, Bluetooth, NFC and cellular technologies can all be built into new products or provided as add-on modules to existing ones. For as little as $2 per unit, your product can be streaming data to other devices or to your own custom cloud server.

Implementing the Internet of Things

Today's connected technologies add new capabilities for business and enterprises to work more efficiently and improve their bottom line. Whether you're looking to upgrade your IoT product portfolio, or you're adding it to your product range for the first time, Lascar can help.

We provide advanced IoT solutions including embedded systems, cloud server and database design, web portal user interface design, and mobile Apps for iOS and Android. Streamline your processes and increase the value your products and services offer.

Advanced options for electronic manufacture

Our advanced PCB production capabilities include surface mount and conventional assembly, with fully automated in-process component verification, visual inspection and testing.
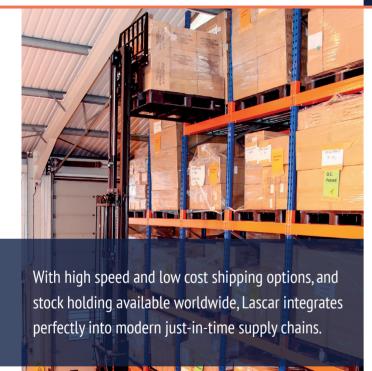
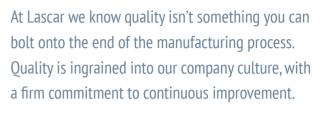| SMT components down to 01005 and uBGAs	Substrates include FR4, T-clad, steel and ceramic	Gold and aluminium wire bonding	Thick film hybrids	Laser trimming	Encapsulation and conformal coating

The flexibility you need

Lascar covers all manufacturing options, with low and high volume production (UK and Far East) in addition to our rapid prototyping service. From sub-assemblies to box build, we can even design the packaging for you and supply finished goods ready for your customers.

With high speed and low cost shipping options, and stock holding available worldwide, Lascar integrates perfectly into modern just-in-time supply chains.

At the heart of our service

At Lascar we know quality isn't something you can bolt onto the end of the manufacturing process. Quality is ingrained into our company culture, with a firm commitment to continuous improvement.

ISO 9001 accreditation

J-STD-001 and IPC-A-610

Automated optical inspection

Serialisation and traceability

Lascar Delivers

LASCAR electronics

Issue 3 01/2020

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