

# CONTRACT MANUFACTURING



# CUSTOM HIGH-QUALITY ELECTRONIC MANUFACTURING

1602 Group was formed from the systems division of Solid State Logic Ltd in 2002; we have over 40 years of electronics design and manufacturing experience. Although the technologies have changed considerably over that time our core values of customer focus and attention to detail

remain as strong as the day we soldered the first diode. We provide solutions to the small company with a need to manufacture electronics without the responsibility that comes with it, allowing our customer to focus on design, sales and growing the business.



## 40 YEARS OF INTERNATIONAL ELECTRONICS DESIGN AND MANUFACTURING EXPERIENCE

**BASED IN BRANDON, SUFFOLK IN THE UK, 1602 GROUP OPERATES A 5,000 SQ. FT. FACTORY DEDICATED TO HAND ASSEMBLY OF HIGH QUALITY PROFESSIONAL ELECTRONICS SYSTEMS.**

We manufacture a combination of our own products and contract manufacturing for other similar companies. Working on our own wide range of customised products gives us the perspective to be able to think like you.

Outsourcing to 1602 Group gives you the flexibility to have a manufacturing facility in the UK without the overhead. You can drop by and discuss the product or even pick up a few urgent parts. We have engineers on site to help you with turning your design into reality.

We use a combination of sophisticated planning tools and real people with common sense to provide a highly flexible service with consistent results and a competitive price.



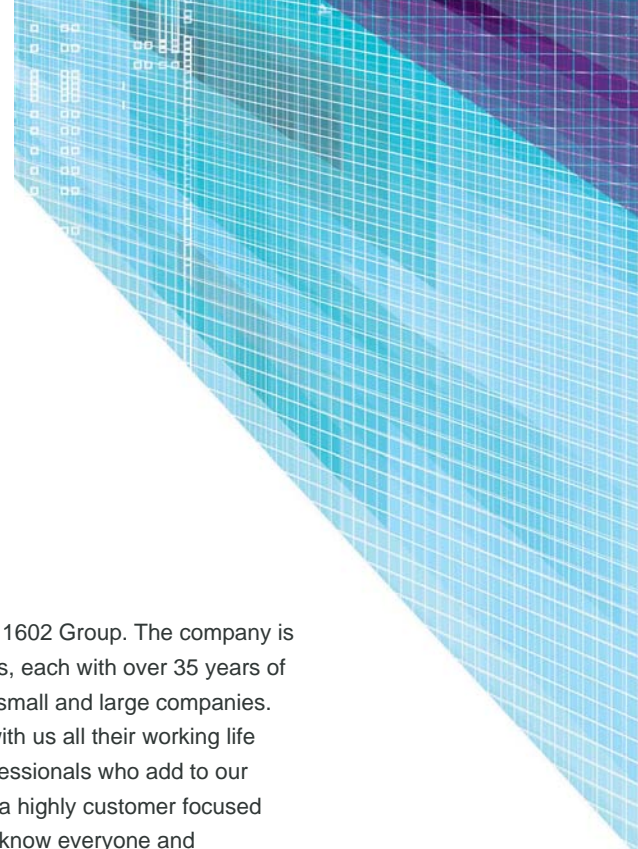
# TRADITIONAL ASSEMBLY METHODS HI-TECH PRODUCTION PROCESS

## DEDICATED TO QUALITY AND ACCURACY WITH THE ADDED FLEXIBILITY OF A SMALL BUSINESS.

1602 Group offers a unique combination of traditional assembly skills such as point to point wiring through to the latest BGAs, assembled, programmed and tested. We have thousands of installations in 24 countries, we understand the importance of quality and accuracy.

We are a full service manufacturer, we help with production engineering, procurement of parts, obsolescence planning, tooling design and of course putting the stuff together and making it work, on time and to budget. Everything about our company is geared to a flexible response to our customer, we see ourselves as an extension of your in-house capabilities.

Send us a sales forecast and invoice the customer, we can handle as much of the rest of the process as you wish us to.



## THE TEAM

People are the most important part of 1602 Group. The company is owned and operated by two Engineers, each with over 35 years of experience in manufacturing for both small and large companies. Some of our assemblers have been with us all their working life complimented by a new intake of professionals who add to our combined experience. 1602 Group is a highly customer focused organisation, we are small enough to know everyone and professional enough to make it happen.

## PRODUCTION CAPABILITIES

### ENGINEERING

All projects start with an engineering review to define best processes and use of materials.

### PROCUREMENT

We have an extensive inventory for common parts and a wide network of suppliers especially with hard to find components. We advise on hardware designs and provide metalwork, woodwork and other services.

### MATERIALS MANAGEMENT

We make extensive use of our MRP-II system and add Bills of Materials for you to give accurate and repeatable performance.

### PCB ASSEMBLY

In house assembly of through hole boards, SMT and flow solder lines managed through our associate operation. We also hand finish hybrid designs.

### HARDWARE ASSEMBLY

Cable assemblies, point to point wiring and fitting sub assemblies into cases. Wire stripping and dip tinning, crimping and connector pinning.

### WOODWORKING

Within the same facility we have access to cabinet working from CNC milling to hand carving and high quality finishing in a variety of materials.

### TESTING AND FAULT FINDING

In house engineers can test and fault find anything we manufacture, also design and built custom test equipment from cable testers to simulators.

### TECHNICAL SUPPORT

With over 40 years of product in the field we are experts at professional technical support.

### INTERNATIONAL LOGISTICS

We have been shipping internationally for decades; we can pack and ship the equipment direct to your customer.



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