

IN-HOUSE MANUFACTURING OVERVIEW

Elemental Electronics have been producing custom circuit boards since 2015. Our in-house state of the art manufacturing equipment allows for fast turnarounds, whilst allowing us complete control over the manufacturing process. This gives our clients peace of mind as they only need to work with a single entity for design, procurement, manufacturing, and testing. Industries we serve include:

- Commercial and Industrial Controls
- Battery and solar industries
- Agriculture
- MedTech
- Consumer and high-volume products
- Automation and Special Purpose Machinery



Acceptability of Electronics
IPC-A-610

OUR QUALITY

- IPC-A-610
- 2D Automatic Optical Inspection
- PCB Rework and Repair
- End of line testing

Our Customers



Factory Equipment

Pick and Place – Juki RS-1R Modular Mounter

Stencil Printing – PBT Works Go29

X-Ray Inspection – Nordson Explorer One

2D Inspection – Saki 2D BF AOI

Reflow Oven – Kayo 835PC

Core Services

Each product is unique, as such we provide multidisciplinary services which allows our customers receive a tailored turn-key solution for their manufactured product.

Services include:

- Component procurement
- Procurement strategies
- PCB Assembly
- PCB Test Fixture Manufacturing
- Product assembly
- 3D Printing
- Product Testing
- Packaging and 3PL

Differentiators

- Qualified small business delivering best-in-industry manufacturing solutions.
- Exceptional references illustrating strict Quality Control Standards
- Provide customers with designed **AND** manufactured products in Australia

Component Procurement

- Strong purchasing power
- Partners with global distributors

We believe innovation and advanced manufacturing is the key to keeping jobs in Australia

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