

ELECTRONICS CIRCUIT BOARD DESIGN

Elemental Electronics have been designing custom circuit boards since 2015. Our team use state of the art design software and have a proven track record of designing robust, reliable, and cost-effective electronics. Coupled with our in-house production capabilities we can design and manufacture electronic products efficiently whilst maintaining a high level of quality. Industries we serve include:

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

www.elementalelec.com.au

OUR TEAM

- Combined 15 Years of Experience
- Electronics Engineering
- Software Engineering
- Mechanical Engineering

Our Customers



Technologies

Multi-layer Designs – 1-10 Layers

Antennas – RF Antenna Design

IoT – Low Power Solutions

Bluetooth – BLE and Bluetooth 6.x

Wireless – Wifi, Zigbee, Sub-1GHz

Low Power – High efficiency

Solar – Battery charging and delivery

Control – Industrial control standards

Display – Custom LCD and Panels

Communications – 5G and NB-IoT

*We partner with you to create innovative
electronic & software solutions*

Core Services

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

Example Services:

- Requirements Management
- System Level Design
- Schematic Design
- PCB Layout and Routing
- Software Integration
- Testing and Validation
- BoM Generation
- Procurement Strategies
- Compliance & Regulatory

Differentiators

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

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

About Us

- Small tight knit team
- Provide Fair and Transparent Pricing

Point of Contact:

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