

Electronics Contract Manufacturing RFQ Checklist

P&A International — engineering-led contract manufacturer + vetted partner-factory network. The more of this you share, the faster we return a proposed build and quote.

1. What to send for a fast, accurate quote

- Bare-board Gerbers / fabrication drawing and stackup
- Bill of materials (BOM) with manufacturer part numbers and alternates
- Assembly drawing, pick-and-place / centroid file, and any panelisation
- SMT, through-hole or mixed; single- or double-sided placement
- Box-build / system integration scope (enclosure, cables, labelling, packaging)
- Test requirement: AOI, ICT, flying-probe, functional test, burn-in
- Standards / IPC-A-610 class, ISO 13485 or automotive needs if applicable
- Conformal coating, potting or special handling (ESD, moisture)
- Target cost, prototype quantity, and annual volume or call-off pattern
- Any compliance marking (CE/UKCA/UL) and traceability requirement

2. Contract-manufacturing quick reference

Decision	Guidance
Scope	PCB fabrication, PCB assembly (PCBA), or full box-build/system integration — tell us where you want us to start and stop.
Assembly	SMT, through-hole or mixed; fine-pitch, BGA and QFN need the right stencil, profile and inspection.
Test	AOI as standard; add ICT, flying-probe or functional test to match volume and reliability needs.
Class	IPC-A-610 Class 2 for general products, Class 3 for high-reliability; ISO 13485 for medical.
Volume	Prototype, NPI and production all supported; share annual volume so we right-size the line and MOQ.

3. How we work

Send your package → one dedicated engineer reviews it and confirms the build → proposed build and indicative price (typically within 48 hours) → qualified samples / NPI with full test data in 10–15 working days → on approval we scale into volume through our vetted partner-factory network, where every supplier is ISO 9000 certified or better.

Send your enquiry and files to support@pa-international.com.au — or use the quote form on the contract-manufacturing page.