

EM3

Military & Medical Manufacturing



Assembly Facilities

- High Speed, in-line pick and place
- Dual Wave, Wave Soldering
- Fine Pitch, BGA and mBGA loading
- Fully automated solder printing with AOI
- 10 stage convection reflow
- Vapour phase reflow
- Plated Through hole assembly
- Full turn-key, box-build service
- AOI (Automated Optical Inspection)
- X-Ray facility
- Optical BGA inspection capability
- IPC-A-610 Class 3 and J-STD-001 trained operators

Turnkey Product Manufacturing

- 24 hour Prototype service, No minimum quantity
- Total product build
- Packaging and warehousing
- Manuals, CDs, literature, cartons
- Shipping direct to the end user
- Servicing of products manufactured
- Design advise on suitability for manufacture (DFM)
- Through-hole to surface mount conversion
- Batch, Barcode and Serial Labels

Testing Capabilities

- AOI (Automated Optical Inspection)
- X-Ray facility
- Optical BGA inspection capability
- PC based test systems (LabView / JTAG)
- Dedicated jigs and fixtures (design service available)
- Environmental test chamber
- Burn-in / heat soak testing

Component Procurement Service

- National and international suppliers
- Full component traceability service available
- Client stock management service



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