



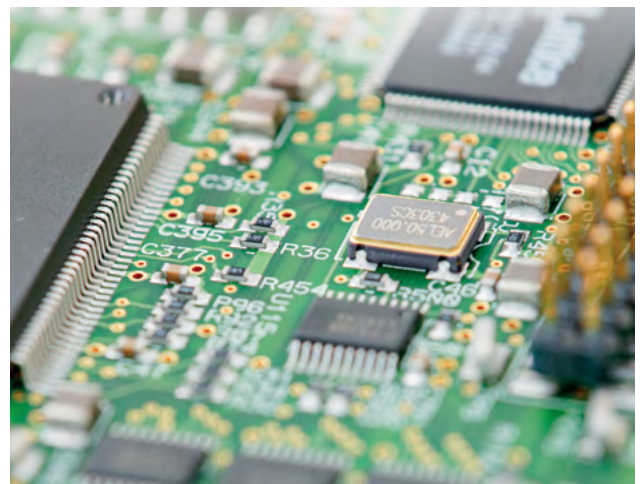
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## Thuan An Town, Vietnam

Production site for electronic manufacturing services and plastic injection molding

The Cicor site in Thuan An Town (Cicor Anam Ltd.) offers printed circuit boards assembly and box building including plastic injection molding services. The site is located 20 km from Ho-Chi-Minh-City (Saigon) in the Vietnam - Singapore Industrial Park and hosts the latest, state-of-the-art machinery for printed circuit board assembly (PCBA).

The production site is serving customers in a variety of sectors, including the medical, industrial, automotive and transport as well as consumer industries. The site is ISO certified and complies with the RoHS directive.





## Competencies and services

### SMT production

- Solder paste inspection
- 3 complete SMT lines, solder paste printer, SMT mounters, reflow (N2) and AOI
- SMT loading capacity: 150K chips/hour
- Comp. types: 0201-1206/SOP: 6P-28P, PLCC: 10-32 mm, QFP: 10-32 mm, BGA 10-32mm, connectors
- Adhesive bonding from chip 0603
- Adhesive printing

### THT production

- THT assembly stations
- Preparation of THT parts
- Nitrogen wave soldering system

### Sub-assembly

- 20K-10mil parts/year
- Ultrasonic welding
- Coil winding
- Vibration welding
- Stencil- and pad printing
- Laser marking

### Test

- AOI
- In-circuit
- Functional test
- Leakage
- Burn-in
- Stress test

### Coating/potting

- Manual coating
- Selective conformal coating machine and IR reflow oven

### Traceability

- Individual assembly barcode
- On board and production order level
  - Component batches
  - Work and test procedures
  - Test results and verifications

### Plastic injection molding

- Injection molding machines (50 to 180 tons)
- 2K injection molding

### Toolshop

- Production jigs and fixtures
- Repair of equipment

## Markets



Industrial



Medical



Watches and consumer



Automotive and transport

## Certifications

- ISO 9001 Quality
- ISO 13485 Medical
- ISO 14001 Environment



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The Cicor Group is a globally active development and manufacturing partner with innovative technology solutions for the electronics industry. With about 2100 employees at ten production sites, Cicor offers highly complex printed circuit boards, printed electronics, hybrid circuits and substrates as well as comprehensive electronic manufacturing services (EMS) including microelectronic assembly and plastic injection molding. Cicor supplies customized products and services from design to the finished product from one source.



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