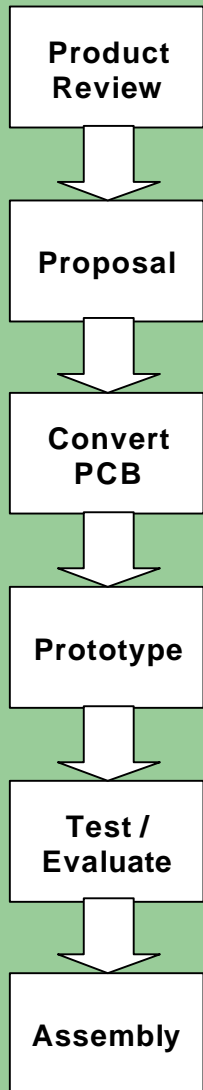


# MT

*Electronics  
Manufacturing  
Service*



International Standards  
Certifications  
Lic. No. QAC/R61/0165

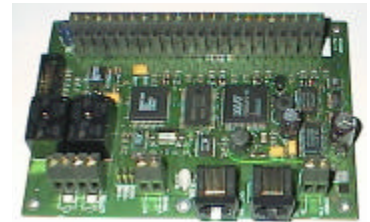
## Are you converting to SMT?

We specialise in converting existing Through Hole boards to Surface Mount Technology.

Millison Technology has developed robust techniques and procedures to convert Through Hole boards to Surface Mount. We see the SMT conversion process as a core competency within our company.

We can handle all aspects of your products SMT conversion including:

- Through hole product review.
- SMT conversion proposal.
- Optimal 'design for manufacturability'.
- Design to IPC standards such as IPC-2220 Design Standards for Printed Boards and IPC-SM-782A Surface Mount Design and Land Pattern Standard.
- Firmware / software design changes.
- Parts procurement.
- Product prototyping.
- EMC compliance.
- Complete product manufacture.



In our initial design review, we work closely with you to identify all issues that may affect the conversion to SMT. These issues may include:

- Component voltage, current and power ratings.
- Product end use with respect to temperature and temperature cycling etc..
- Mechanical constraints, such as form factor, vibration, etc.
- The manufacture process to be used.
- Component availability.
- Programming and testability issues.
- Field serviceability requirements.

We have formalised conversion processes with proven results in achieving the highest degree of 'design for manufacturability' and 'lowest cost of ownership'.

We have a full team of qualified, experienced people available to assist in getting your design converted to SMT effectively. This includes:

- Technical project managers.
- Hardware design engineers.
- Software design engineers.
- IPC certified PCB designers.
- In house production staff.

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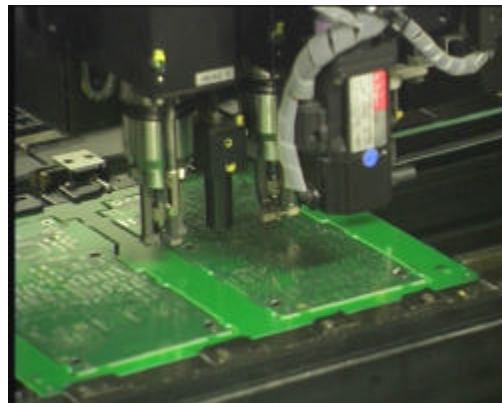
## Why use us?

We believe that we have the People, Policies and Processes to ensure a successful SMT conversion outcome for you. Some of our benefits are:

- SMT requires different design and manufacture skills to ensure the lowest total cost of ownership. Millison staff have developed these skills, tailored to our manufacturing processes and equipment.
- The SMT conversion process must have a rapid feedback path. At Millison we have designed around 90% of the products that we build on our production line. This has provided an effective feedback path, allowing us to determine whether we have managed to design in quality, or determine what needs to be improved. This knowledge is available to you for your product's SMT conversion.
- Millison provides professional engineers as part of the design team to ensure that robust design is achieved in the conversion process.
- We are more than just a CAD bureau. We provide a total end to end service to our clients.

## The Millison Advantage:

Millison Technology supplies a full range of design, engineering and manufacturing services. Total integration of service as well as unmatched enthusiasm from our staff provide you with 'you ultimate solution' for your electronics design and manufacture needs.



## Quality, Reliability and Dependability at a Fair and Competitive price !

Please contact Paul Isaacs or Mark Daly on (03) 8793-9500 for a no obligation proposal for the conversion of your product to surface mount.



International Standards  
Certifications  
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