



Akshaya
INSTRUMENTS

Welcome

About Us

- Est. 1996.
- Our Moto – You desire, We design
 - Specialized in embedded control system for machines
- Application Industries
 - Textile
 - Medical
 - Network
 - Elevator Control
 - Automation Industries

Our Services

- Electronic Design & Development.
- Manufacturing Service
- Magnetics Department



Electronic Design Service

- In-house R&D department
- Hardware & software development
- PC interface of embedded system
- Advance tools
 - PCB Design
 - Test Equipments
 - Software developments

SMT Manufacturing Setup

- Semi-Automatic screen printer (EPS make)
 - Servo controlled for high accuracy
- 5-zone Reflow Oven (EPS Make)
 - RoHS capable



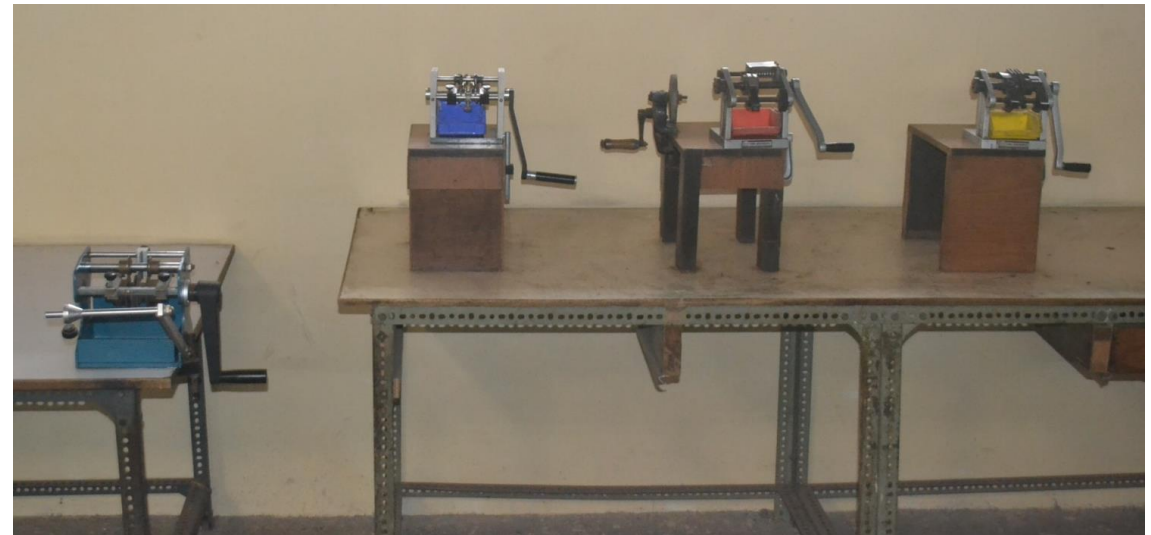
SMT Manufacturing Setup

- Chip shooter as well as flexible mounter (Both Juki Make)
 - Combined speed of 15000 CPH
 - Fine-pitch placement up to 20 mil
 - Board-Size 330mm x 250mm
 - Up to 100 different component variety in single cycle



PTH Manufacturing Setup

- Component Forming Machines (Various Make)
 - Taped Radial Component
 - Loose Radial Component
 - Axial Components. Horizontal as well as vertical bending
 - LED bender



PTH Manufacturing Setup

- Wave soldering Machines (Both EPS make)
 - Non-RoHS PCB's (180mm width)
 - RoHS PCB's (300mm width)
- PCB lead cutter (Yontro Make)



Magnetics Department

- 3 winder machines (All acme make)
 - 1 machine with dual spindle
 - Multi-Filar winding
- APLAB LCR meter for testing
- Ferrite transformers as well as line transformers



Testing Setup

- Test procedure for each product designed by R&D engineers
- Each unit goes through Full functional test twice.
 - Functional test of open unit
 - 24Hr. Burn test after unit packing
 - Final Functional test
- Electrical noise testing for industrial product



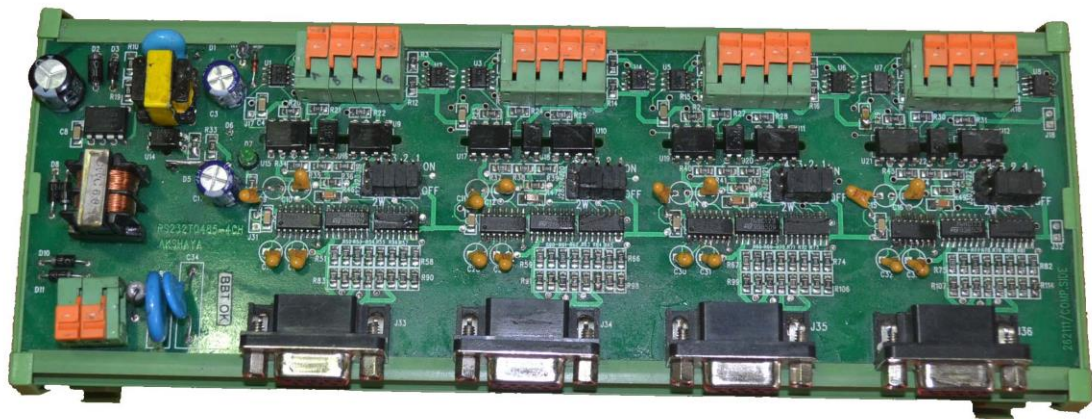
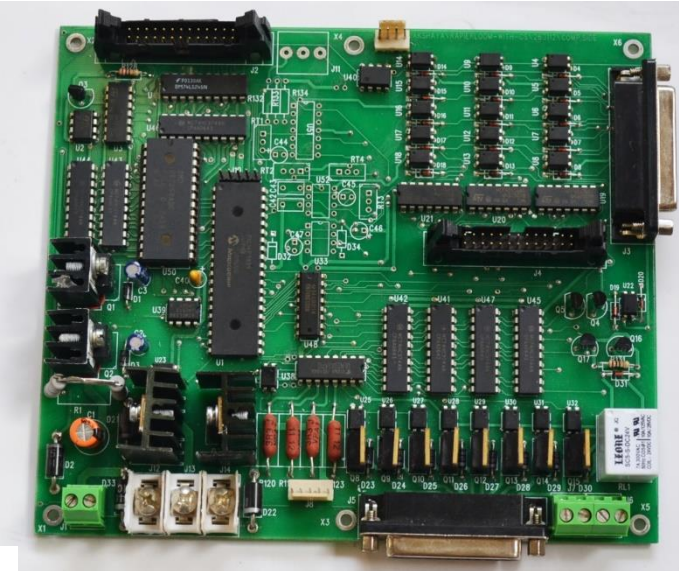
Quality Control

- Input material test
- QC at each stage of assembly
- Full functional test
- Burn-test



Collaboration advantage

- Technical support
 - Product quality improvement
 - Cost benefits
- All under one-roof
 - Prompt service
- Flexible production planning





Thank You