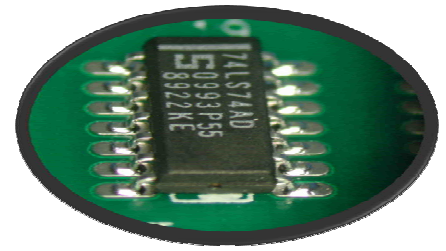


Surface Mount Technology (SMT)

Installation, Rework and Extraction



This 4 day training is designed for Technicians with experience
One more day is recommended for less experienced employees.

Prerequisite: Basics

Content:

- Basic Principles of Solder and Surface Mount Technology
- Thermal Expansion Coefficient (cte) Mismatch
- Surface Mount Component Identification
- Different alloys with Lead and Lead Free (RoHS)
- Fluxes and their use
- The cleaning process
- Different Soldering irons and there characteristics
- Installation and Removal of Chip Components With Standard and Special Tools
- Installation and Removal of Gull Wing Components With Standard and Special Tools
- Type of Components: SOT, SOIC, PLCC, QFP, TQFP (fine Pitch), PQFN
- Installation and Removal of J-Lead Components With Standard and Special Tools
- Modifications & Repair with Jumper wires
- Evaluation by the Standards IPC -610

At the end of the Training the student's will received:

- ✓ A training Handbook
- ✓ The Circuit assembled during the training
- ✓ A Certificate of our Company

The Training will be conducted by highly skilled IPC Certified instructors
(A-610, ANSI-J-STD-001, IPC 7711/7721)

- We provide Hand tools solder station and microscope for each workbench
- Circuits, Components and Handbook are also provided.