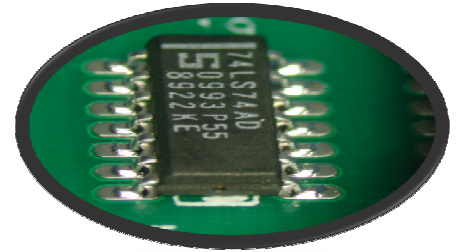


Surface Mount Technology (SMT)

Installation, Rework and Extraction



This Training is designed for Technicians with experience

One more day is recommended for less experienced employees.

Content:

- Basic Principals of Solder and Surface Mount Technology
- Coefficient of Thermal Expansion Mismatch
- Surface Mount Component Identification
- Different alloys with Lead and Lead Free (RoHS)
- Different Flux and uses and the cleaning process
- Different Soldering irons and there characteristics
- Installation and Removal of Chip Components With Special Tools and Standard Tools Size 201 up to 1210
- Installation and Removal of Gull Wing Components With Special Tools and Standard Tools
- Type of Components: SOT, SOIC, PLCC, QFP, TQFP (fine Pitch)
- Installation and Removal of J-Lead Components With Special Tools and Standard Tools
- Modifications & Repair with Jumper wires
- Evaluation by the Standards ANSI-JSTD-001 & IPC -610

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

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

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

Hand tools soldering station of new generation and microscope for each workbench
Circuits, Components and a Handbook are provided.