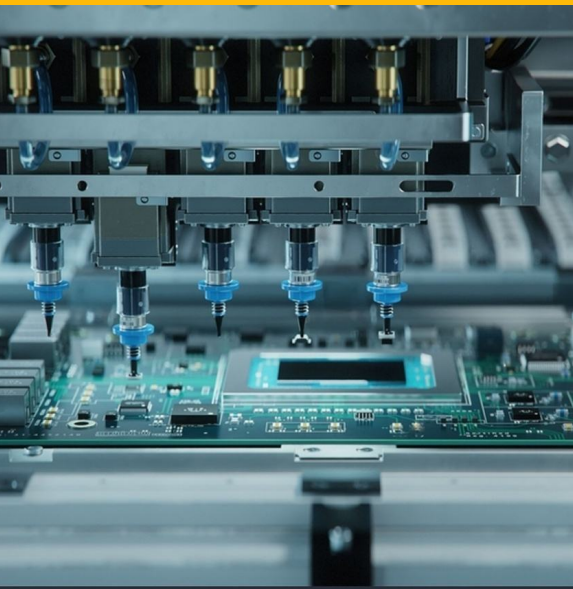


SKILL DEVELOPMENT TRAINING PROGRAMS

Global Electronics Assn Sdn Bhd
(IPC Training Centre)

NCER Technology Innovation Centre (NTIC)
Level 1 - Lot 05-06, Plot 36, Hilir Sungai Keluang, 2, Phase 4,
Bayan Lepas Industrial Park, 11900 Bayan Lepas, Penang, Malaysia

SURFACE MOUNT TECHNOLOGY



Electronics appliances have become indispensable and find its application in all activities of human life from Toys to Space applications.

With rapid advancements in electronics Industry, a PCB assembly has seen a sea change during the past few decades with the miniaturization of components and the advent of newer devices and technologies. The new technology has replaced assemblies using conventional components populated on large PCBs, with more compact circuits having dense population of components. The footprint of these new components occupies a much smaller area in the PCBs. However, handling these devices and producing PCBAs with high reliability and high yield certainly calls for an automated process in component assembly.

Who can Participate

Operators, Technicians, Engineers engaged in electronics manufacturing process.

Certificate:

Participation certificate will be provided

Mode of Training

Instructor-led Training

Instructor

Master IPC Trainer (MIT) or Certified IPC Trainer (C

Benefits of Participation:

The course will highlight various process stages and handling requirement involved in the manufacture of quality assemblies. The session helps introduce participants to the process in the SMD assembly and control methodologies to mitigate failures that may affect the assembly.

Duration: Full Day

Session No	Session Name	Description
1	Overview Introduction to IPC Standards	General overview of the course
	• ESD, Personnel and equipment safety • Physical damage and contamination of electronic assemblies	Registration and Introduction of participants
	• Surface Mount Devices • Safety and Handling	Presentation and Video
2	Stencil Printing	Presentation and Video
	SMD component assembly	Presentation and Video
3	• Reflow Soldering • Cleaning Requirement	Presentation and video
4	• Inspection • Conformal coating	Presentation
	Q&A and Conclusion	

IMPORTANT NOTES

- Session can be organized on Weekend
- Participation certificate shall be provided to the candidates
- The course contents and materials are Global Electronics Association USA Copyright. Copy & sharing not permitted

Price

Non Member

RM 1,430.00

Member

RM 1320

For discounts, please connect

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