

Basic Soldering Workshop

PTH and large pitch SMT

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Outline

- 1 Safety
 - Hazards
 - Personal Protective Equipment
 - Safety Procedures
- 2 Basic Procedure
 - Tip/Temperature Selection
 - Joint Preparation
 - Tip Preparation
 - Soldering
 - Troubleshooting
- 3 Example Cases
 - Wire to Pin
 - Wire to Wire
 - Plated Through Hole
- 4 Surface Mount Soldering

Hazard - Burns

Hazard - Lead Exposure

Hazard - Fumes

Hazard - Skin Irritation

Hazard - Electrocution

Personal Protective Equipment

Safety Procedures

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Tip/Temperature Selection

Joint Preparation

Tip Preparation

Soldering

Troubleshooting

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Wire to Pin

Wire to Wire

Plated Through Hole

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