

## *Syllabus C1a Inspection / Quality & Rework of Surface Mounted Devices*

### **Components and packages**

**Quality requirements to IPC 610**

**Recognition of a good solder joint**

**Soldering faults and how to avoid them**

**Cleaning and flux removal**

### **Practical Work**

**The range of components to be used will include:**

**Cubic chip components**

**Transistors**

**SO packages**

**PLCCs & Gull-wing ICS**

**Fine pitch components**

**Various components will be used, including manual placement rework  
and modifications**

**Course Duration 2 days**

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