

Certified Counterfeit Components Inspector Program CCCI-102

Components Technology Institute Inc. now provides a program per CCCI-102 to train and certify the following personnel involved in the supply chain for electronic components:

1. Inspectors employed by Independent Distributors Certified to the CCAP-101 Certified Program.
2. Original equipment manufacturers (OEM) and contract manufacturers (end customer).
3. Government Quality Assurance Personnel
4. Personnel of other organizations not involved in the sale or supply of electronic components.

Scope

This program for CCCI-102 Certified Inspectors is restricted to employees of organizations identified above. The Certification includes comprehensive training in the detection of counterfeit electronic components through testing and inspection techniques and auditing of supply chain suppliers.

Introduction

Counterfeit Electronic Components are causing major problems in the electronics industry. The problems affect production, warranty costs and safety of aerospace, military, medical electronics and many forms of consumer electronics. The safest way to avoid counterfeit components is to purchase them from the Original Component Manufacturer (OCM) or through their franchised (FD) or authorized distribution (AD) supply chain. This is usually not possible when the Original Component Manufacturer has discontinued the component production and is no longer available through authorized suppliers.

This CCCI-102 program was created to provide training suitable to detect electronic components that are not new and authentic. CTI provides this Certification service as an unbiased and independent organization, which is not involved in the buying or selling of electronic components.

Personnel Certified to CCCI-102 are trained and tested by CTI, Inc. for their ability to perform the required inspections and tests for this Program. This Inspection Program applies to discrete semiconductors, integrated circuits, hybrid microcircuits, passive components (capacitors, resistors, magnetics, EMI filters, etc.) and relays procured from the open market rather than directly from OCM or FD.