

Acromag Counterfeit Electronic Part Detection and Avoidance System

As a supplier to the Department of Defense DOD and the prime contractors, Acromag understands that the responsibility to insure the integrity of the electronic components used on our products is all of our responsibility. Even though Acromag supplies COTS commercial off the shelf products, every effort is made to insure that counterfeit or inferior parts do not make it into our products.

Our Counterfeit Electronic Part Detection and Avoidance System is based on DFARS 246.870-2(b) and 252.246-7007(b). The Key parts of the program are.

1. Training of Personnel
 - a. All personnel must have documented records of training on this program.
2. Use only Trusted Suppliers
 - a. Original component/equipment manufacturers OCM/OEM
 - b. Authorized/franchised distributors
3. Using other suppliers (Independent Distributors)
 - a. Validate that the Distributor meets basic standards.
 - Distributors who maintain a third party quality management system and are a member of one or more of the following trade organizations and have implemented one of the following control programs:

TRADE ORGANIZATIONS:

AFDEC-Association of Franchised Distribution of Electronic Components
CEDA-China Electronics Distributor Alliance
COG-Components Obsolescence Group
ECIA-Electronic Component Industry Associates
ECSN-Electronic Component Supply Network
ERAI-Electronic Resellers Association International
GIDEP-Government Industry Data Exchange Program
IDEA-Independent Distributors of Electronics Association
SIA-Semiconductor Industries Associates
TECS-Chinese Reliability Electronic Components Supplier

CONTROL PROGRAMS:

IDEA-STD-1010-acceptability of electronic components distributed in the open market

CCAP-101-counterfeit component avoidance program

AS5553-counterfeit electronic parts: avoidance, detection, mitigation, & disposition

- b. Obtain Traceability records including chain of custody from the OCM to the Independent Distributor.
 - c. Inspection and Testing of Electronic Parts. (Used only as a second level of validation when the chain of custody is broken)
 - d. Notify any affected customers and get approval before building any products.
4. Secure Process for electronic part traceability. DFARS 252.246-7007 (c) (4) IUID.
5. Flow down to any Subcontractors.
 - a. Any sub-contractors must conform to the same policy as Acromag.
6. Methods to Identify Counterfeit Parts.
7. Quarantining and reporting Counterfeit Parts.
8. Keep informed on counterfeit information and trends.
9. Review the Government – Industry Data Exchange Program for the latest information.
10. Control of Obsolete Parts Policy
 - a. Often, OCMs discontinue selling key parts needed for products.
 - b. Parts obtained to meet life-time buy obligations must meet stringent validation guidelines.
 - c. Any customers affected will be notified before products are built.