

Component Authenticity Protection Program™



When a costly redesign can be avoided or a critical repair can be made via the use of a discontinued part there can be many benefits. Yet there are also well-known risks associated with the existence of counterfeit parts that can and must be mitigated, especially when parts don't come with a manufacturer's certificate of compliance. The good news is that *it is* possible to feel secure that this type of product is a top quality, authentic part: through inspection and testing.

Lintech Components is a best-in-class distributor specializing in hard-to-find military and commercial electronic components screened to ensure quality and authenticity. At Lintech Components, we take our responsibility to ensure the integrity of the supply chain very seriously—and we have right from the start. In the early millennium, when counterfeit electronic components became a serious issue, Lintech created the first standardized proprietary inspection and testing process for non-traceable parts in the industry.

CAPP Benefits

Lower cost associated with incoming inspection, returns, product testing, program administration, and reprocurement.

Improved on-time program performance, customer satisfaction, and peace of mind.



Exclusive Two-Tiered CAPP

At Lintech Components all incoming and outgoing inspection and testing is performed by inspectors trained and certified to AS6081 standards as part of our component authenticity protection program referred to as CAPP. Within CAPP there are two levels of screening documented by either a Component Authenticity Verification Report (CAVR), which comes standard with all applicable orders, or the more comprehensive Component Authenticity Inspection Report (CAIR) for screening of electronic components.



Basic CAVR includes:

- Visual inspection per IDEA-STD-1010
- External visual inspection
- Physical dimension check
- Resistance to solvents
- Marking permanency (blacktopping) inspection

CAIR includes all CAVR tests *plus*:

- X-ray die bond/frame inspection
- XRF spectrum analysis (RoHS compliance)
- Decapsulation
- Basic DC test @ 25°C
- Functional/electrical testing
- Solderability testing

Additional Testing

For those whose needs extend beyond CAPP, Lintech Components can screen components in accordance with customer-specific standards or industry standards such as DFARS Part 252.246-7007. We can also perform advanced authenticity screening including destructive remarking and resurfacing, fine/gross leak testing, scanning electron microscope inspection, scanning acoustic microscopy, and advanced electrical testing.