

Component Analysis

Not every “Independent Electronic Component Distributor” is the same. Your electronic component supplier can impact on production, warranty costs and safety of aerospace, military, medical electronics and many forms of consumer electronics. Therefore a supplier with the correct quality procedures in place with industry recognised standards is essential to ensuring reliable, daily distribution of electronic components.

Cyclops Electronics Ltd have developed a unique set of procedures and techniques for the authentication of electronic components to minimise the risk of counterfeit parts entering the supply chain.

As well as monitoring approved suppliers, our inspection process and policy procedures will provide you with quality products and will help safeguard against counterfeiters and defective parts.



Visual Component Inspection

- Visual Component Body & Lead Inspection
- Digital Micrometer Measuring
- Marking Permanency Tests
- High Resolution Digital Photography



Electrical Testing

We have recently invested in a new electrical SENTRY testing machine in partnership with ABI Electronics.

SENTRY Identification

Through a complex PinPrint test algorithm, SENTRY is able to identify components that have a different internal die structure or no die at all.



Decapsulation Machine

This machine allows us to really get into the component to see if the compound die is correct - this is the only way to know if the parts are original. And as it doesn't use any acids or lasers it is very eco-friendly and safe to use.

Cyclops Electronics Ltd can perform a component analysis for any OEM or CEM and provide you with photographs and documented results. Our testing service can help guard against counterfeiters and defective parts. If further electronics testing is needed we will outsource this.