

# **N** Intelligence

## **Accelerate Your Results**

Nordson Intelligence, designed for production, for flexible, rapid changes

A family of algorithms delivering significant throughput improvements and detection capabilities not possible through traditional approaches. Nordson Intelligence provides users the autonomy to enhance their inspection results, and quickly deploy solutions for different types of applications.

[www.nordson.com/TestInspect](http://www.nordson.com/TestInspect)

**Nordson**  
*Test & Inspection*

## Network Based Algorithm

Nordson's Machine Learning (ML) models are trained for typical x-ray, acoustic and optical inspection applications and then optimized for the user's specific application requirements.

With the continuous flow of data Nordson's AI improves over time as defects and parts evolve, resulting in a faster response to new applications and sample changes. Future proofed solutions that scale to take advantage of the latest processing hardware.

## Build A Foundation – Providing Assurance

Nordson's Inspection delivery framework provides a platform for labelling customer data to prepare for AI model retraining and provides an interface to transfer data to Nordson's AI.

The easy-to-use graphical user interface is recognizable across all Nordson's Test & Inspection solutions and Nordson's AI provides users full control, traceability and the ability to self-solve challenges with intelligent data.

## Cloud-based Model Retraining and Evaluation Service

Nordson retrains models in Microsoft Azure based on a customer labeled data set.

A continued exchange of data and shared process keep systems optimized and working to their full potential with improved operational efficiencies.

The analysis of customers performance metrics guarantees quality and stable, continuous improvements of customer's results.

The connection between customers data and Nordson's AI enables continues improvement – putting more power into the hands of the user – ultimately to improve processes, productivity and yields.

**For more information, speak with your Nordson representative or contact your Nordson regional office**

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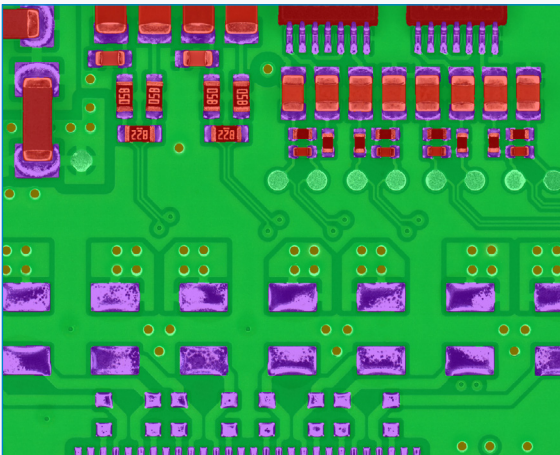
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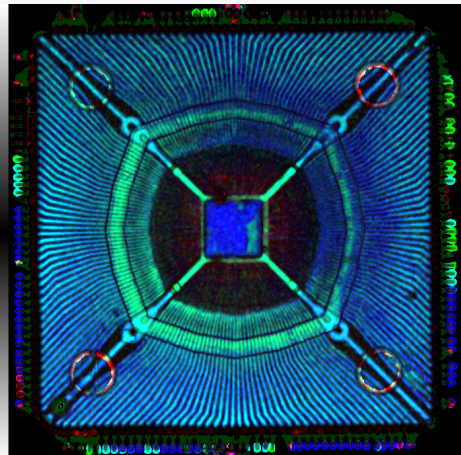
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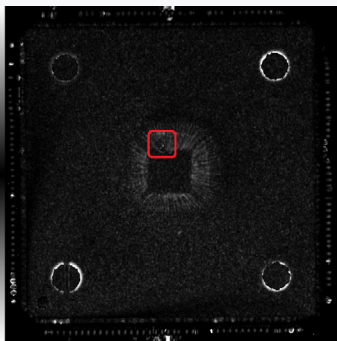
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Automatic PCB Segmentation



MGIA Image (3 Gates)



Find defects from multiple gates

