



Improve Electronics Yield and Quality with Machine Vision Automation.

Modern electronics manufacturing demands precision, speed, and consistency. Zebra machine vision technology helps you achieve it with automated and precise inspection, traceability and label verification.

Smarter Automation for Faster and Higher-Quality Production

Zebra's machine vision systems combine advanced imaging, AI-driven inspection, and automation to help you accelerate production speed, ensure accuracy, and improve traceability across your production operations.



High-Speed Inspection and Verification

Automated Optical Inspection (AOI), powered by Zebra's frame grabbers and Aurora software, identifies solder bridges, missing components, and other defects in real time—ensuring consistent product quality at full line speed.



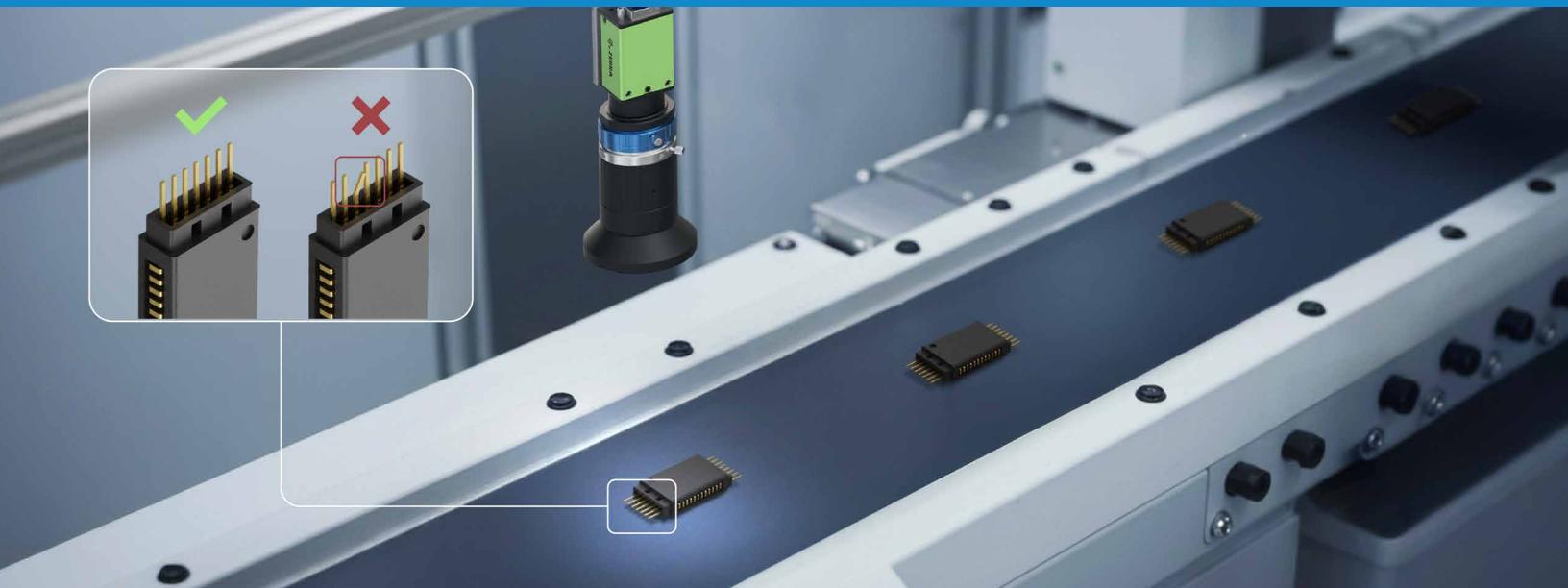
DPM and Code Reading

Trace every board, subassembly, and device with AI-enabled optical character recognition (OCR) and direct part mark (DPM) decoding. Intelligent Zebra vision tools read laser-marked or etched identifiers on reflective or low-contrast surfaces with virtually perfect accuracy.



Label and Compliance Verification

Zebra's machine vision sensors confirm label placement, accuracy, and readability—automatically check regulatory and compliance data to prevent costly labeling errors.



Why Choose Zebra Machine Vision with Graftek?

Zebra's unified platform combines advanced vision sensors, cameras, and Aurora software for easy integration with your production processes and automation systems. With our Graftek Imaging engineering expertise, you can quickly deploy and customize a system to fit virtually any production, inspection and verification requirement.

- Simplified deployment and setup with Zebra's intuitive Aurora software
- Integration with MES, ERP, and existing automation frameworks
- AI-based vision algorithms for fast, accurate defect detection
- Flexible scalability for multi-line or multi-site operations
- Consistent inspection results and reduced manual rework

Automate Your Quality, Traceability and Verification.

Machine vision can transform your plant's yield, efficiency and quality with smarter automation. To find out how, connect with our vision system experts and engineers at Graftek. We'll show you how your production lines can move faster, smarter, and with fewer errors.



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