



**The Semiconductor Lifecycle Solution.™**



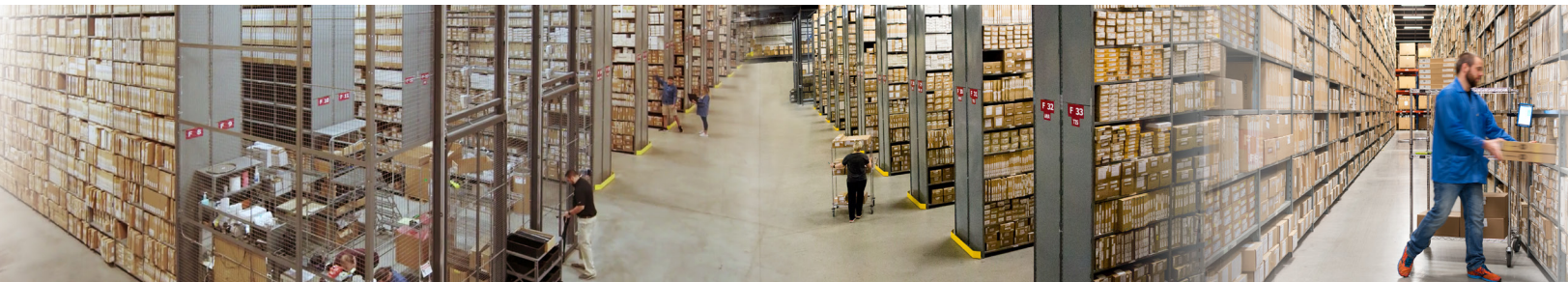
# Authorized Distribution

We're keeping your business moving with 100% authorized, traceable, certified and guaranteed devices.

As an original manufacturer stocking distributor, Rochester has over 15 billion devices in stock encompassing more than 200,000-part numbers, providing the world's most extensive range of end-of-life (EOL) and broadest range of active semiconductors.

We provide a continuous source of supply of both active components, to solve supply chain disruption, and EOL semiconductors, to meet long-term customer needs. With direct sales and support staff in all major markets, complemented by a network of regional and global authorized channel partners, we aim to meet your needs over the phone or via our e-commerce platforms anytime, anywhere.

Our factory-direct offering negates the need for expensive testing. Rochester is AS6496 compliant.



100% Authorized by over 70 leading semiconductor manufacturers.





# Licensed Manufacturing

Licensed to manufacture devices no longer produced by the original component manufacturer.

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As a licensed semiconductor manufacturer, Rochester has manufactured over 20,000 device types. With over 12 billion die in stock, Rochester has the capability to manufacture over 70,000 device types.

- Manufactured using information transferred directly to Rochester from the OCM
- Ongoing manufacturing of stock products
- Build-to-order products
- Process flows include Commercial, Industrial and Military Temperature, MIL-STD-883, SMD/QML, and Space-Level S/V
- A range of industry standard packaging with a variety of lead finishes including Sn, SnPb and RoHS

Developing solutions for long term support.

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## Design and Product Replication

With the original manufacturers' approval, Rochester can replicate the original device. The end-product is a form, fit and functional replacement guaranteed to the original datasheet.

- Design centers located in North America - Rockville, MD and Burnsville, MN
- DO-254 minor change classification – completed several DAL-A projects
- Physical design replication from the original archive
- Electrical performance replication for output edge-rate matching
- Fully support ITAR Designs

**100% Software compatibility with no errata (DO-178 compliant).**



# Manufacturing Services

Offering a full range of manufacturing services including Design, Wafer Processing, Assembly, Test, Reliability, and IP Archiving.

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## Design Services

Rochester can replicate the original device avoiding lengthy expensive system requalification, recertification, or redesign. The end-product is a form, fit, and functional replacement guaranteed to the original data sheet performance.



## Wafer Processing and Storage

Rochester offers a range of services at our Newburyport facility including wafer processing and die banking.



## Assembly

Rochester offers a full range of assembly services including Open Cavity Packages (OCPs) Hermetic assembly, Plastic Assembly, component lead finishing, package, substrate, and leadframe replication, providing single solutions through to full turnkey manufacturing.



## Test Services

100% authorized and high-quality test services; traceable and guaranteed in a testing facility with extensive labs for engineering, burn-in, research, design, and reliability.

Providing single solutions through to full turnkey manufacturing, enabling faster time-to-market.

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## Reliability

Rochester Electronics has significant expertise in stress testing which enables our customers to accelerate potential failure mechanisms, help identify root cause and take actions to prevent failure mode. Our in-house equipment includes thermal, mechanical, moisture and bond testing for a wide variety of tests.



## IP Archiving

Offering secure data storage, recovery, and content management — supporting a variety of vintage and modern media formats.

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## Rochester Electronics' Quality Policy

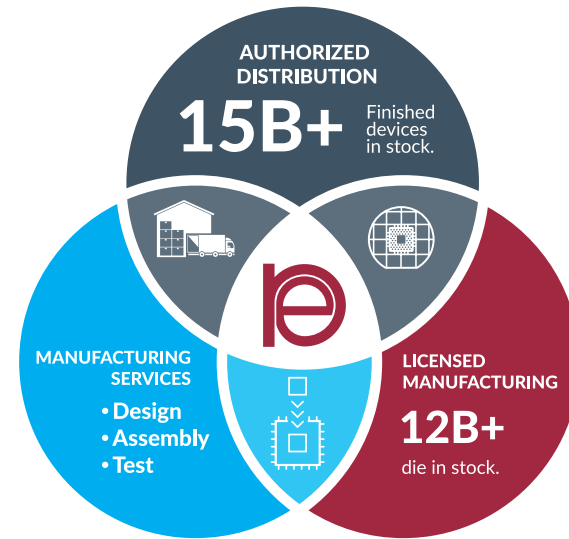
*Rochester Electronics is committed to supplying products and services that satisfy customer expectations for quality and service and are equal to those supplied by industry leaders. Objectives defined by Management are measured and continuous improvement is practiced.*

# The Semiconductor Lifecycle Solution™

We keep things moving.

For over 35 years Rochester, in partnership with over 70 leading semiconductor manufacturers, has provided our valued customers with a continuous source of critical semiconductors.

No other company compares to the breadth of Rochester's product selection, value-added services, and manufacturing solutions.



With direct sales and support staff in all major markets, complemented by a network of regional and global authorized channel partners, we aim to meet your needs over the phone or via our e-commerce platforms anytime, anywhere.

**Rochester is the Semiconductor Lifecycle Solution™**





# Global Reach — Regional Support



## Global Headquarters

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