TLS360™

Lifecycle Assurance, Without Compromise

Rochester Electronics®

What is TLS360™

Confidence in the product families your designs depend on—actively managed for the long term.

Through Life Support 360™ (TLS360™) is Rochester Electronics' program level lifecycle assurance for select mission critical semiconductor product families. It is designed to support long lifecycle systems by maintaining the Active status of components that would otherwise transition to obsolescence under standard manufacturer lifecycles.

TLS360 enables Rochester to continue supplying and managing designated parts as Active—fully authorized and governed—after the original manufacturer has reached standard end of life milestones.

For customers, this means existing designs can remain in production longer, without forced redesigns or reactive sourcing, while continuing to operate within a disciplined, transparent lifecycle framework.

Products designated under TLS360 remain 100% authorized and are managed in alignment with publicly available lifecycle definitions and change notification practices published by JEDEC. This includes documented change control and clearly defined lifecycle transitions.

TLS360 applies to select design anchor product families from manufacturers including Texas Instruments, Analog Devices, NXP, and Infineon, with additional coverage added as authorized programs expand.

Each covered part number is assigned a defined lifecycle horizon—**Micro, Mid, or Max**—providing clear planning signals for how long Rochester intends to maintain Active status and lifecycle governance beyond the manufacturer's native roadmap.

Lifecycle horizon determinations under TLS360 are supported by agentic artificial intelligence systems that analyze authorized supplier data, historical lifecycle patterns, inventory signals, manufacturing status, and change notification inputs. These AI assisted analyses augment Rochester Electronics' formal governance processes, providing objective, repeatable insights to help inform lifecycle classification and planning, while final lifecycle decisions remain under human review and control.

Why TLS360™ Is Different

- Active status continued beyond standard manufacturer lifecycle endpoints
- Ongoing supply within a 100% authorized framework
- Lifecycle horizons, PCN handling, and PDN practices aligned with JEDEC defined lifecycle terminology
- Consistent lifecycle treatment across related derivatives and revisions
- Licensed manufacturing continuity where designated
- Part number integrity maintained, with no substitutions or forced redesigns

Built For Long Lifecycle Systems

Long lifecycle systems depend on stability. TLS360 keeps critical components Active after they would normally become obsolete, while applying structured, industry standard lifecycle management aligned to JEDEC terminology. This ensures continued control, visibility, and predictability throughout the extended lifecycle of the design.

Program Guidance

TLS360 lifecycle horizons and availability projections reflect Rochester Electronics' best assessment based on authorized supplier data, historical insight, inventory position, and licensed manufacturing capabilities where applicable. External factors may affect timing or availability. Customers should incorporate TLS360 guidance into internal planning and rely on formal product change notifications (PCNs) and product discontinuation notices (PDNs), as defined by JEDEC lifecycle conventions, for definitive lifecycle actions.

Lifecycle Planning Under TLS360™

Every TLS360 designated part number is assigned a defined lifecycle horizon used as a planning reference throughout the program:

Micro (1–3 Years)

Authorized inventory with near term planning

Mid (4–6 Years)

Strategic inventory plus licensed manufacturing readiness

(WHERE AUTHORIZED)

Max (7+ Years)

Long range continuity for design anchor families, including licensed manufacturing

(WHERE AUTHORIZED)

Lifecycle horizons are continuously reviewed through formal governance processes.

JEDEC Lifecycle Alignment (Reference)

TLS360 uses JEDEC defined lifecycle terminology and change notification practices as an industry reference to support formal change control, advance notification, and planned transitions.

Formal PCNs and PDNs remain the authoritative lifecycle communications.

Active	Orderable with defined lifecycle oversight
NRND	Available for existing designs
PCN	Advance notice of approved changes
PDN	Notice defining lifecycle closure and milestones
LTB/LTS	Final order and shipment milestones
EOL	Lifecycle state after completion

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About Rochester Electronics

Rochester Electronics is the world's largest continuous source of semiconductors—100% authorized by over 70 leading semiconductor manufacturers. 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) semiconductors and broadest range of active semiconductors. Rochester is the Semiconductor Lifecycle Solution. No other company compares to the breadth of Rochester's product selection, value-added services, and manufacturing solutions.

The Semiconductor Lifecycle Solution®