



# Obsolescence Report

October 2024





# Semiconductor Obsolescence Report

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Manufacturer	Number of EOL Part Numbers	Link to Part Numbers
ALPHA & OMEGA SEMICONDUCTOR LTD	2	<a href="#">Part Numbers</a>
AMS-OSRAM AG	16	<a href="#">Part Numbers</a>
ANALOG DEVICES INC	6	<a href="#">Part Numbers</a>
APTIV PLC	9	<a href="#">Part Numbers</a>
C & K COMPONENTS LLC	1	<a href="#">Part Numbers</a>
CUI INC	47	<a href="#">Part Numbers</a>
DELTA ELECTRONICS INC	1	<a href="#">Part Numbers</a>
DIODES INC	2	<a href="#">Part Numbers</a>
ELNA CO LTD	75	<a href="#">Part Numbers</a>
EVERLIGHT ELECTRONICS CO LTD	13	<a href="#">Part Numbers</a>
FLEX LTD	2	<a href="#">Part Numbers</a>
GLOBAL CONNECTOR TECHNOLOGY INC	1	<a href="#">Part Numbers</a>
GREENLIANT SYSTEMS LTD	1	<a href="#">Part Numbers</a>
INFINEON TECHNOLOGIES AG	152	<a href="#">Part Numbers</a>
INTEL CORP	2	<a href="#">Part Numbers</a>
KEMET ELECTRONICS CORP	34	<a href="#">Part Numbers</a>
LITE-ON TECHNOLOGY CORP	1	<a href="#">Part Numbers</a>
LITTELFUSE INC	12	<a href="#">Part Numbers</a>
LUMINUS DEVICES INC	1	<a href="#">Part Numbers</a>
MAXLINEAR INC	1	<a href="#">Part Numbers</a>



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MICROCHIP TECHNOLOGY INC	13	<a href="#">Part Numbers</a>
MICRON TECHNOLOGY INC	3	<a href="#">Part Numbers</a>
MOLEX LLC	86	<a href="#">Part Numbers</a>
MONOLITHIC POWER SYSTEMS INC	1	<a href="#">Part Numbers</a>
MURATA MANUFACTURING CO LTD	6	<a href="#">Part Numbers</a>
NXP SEMICONDUCTORS	15	<a href="#">Part Numbers</a>
OMNION POWER INC	1	<a href="#">Part Numbers</a>
ONSEMI	19	<a href="#">Part Numbers</a>
PANASONIC CORP	3	<a href="#">Part Numbers</a>
PHOENIX CONTACT GMBH & CO KG	1	<a href="#">Part Numbers</a>
QORVO INC	2	<a href="#">Part Numbers</a>
QUALCOMM INC	1	<a href="#">Part Numbers</a>
RENESAS ELECTRONICS CORP	21	<a href="#">Part Numbers</a>
ROHM CO LTD	88	<a href="#">Part Numbers</a>
SAMSUNG SEMICONDUCTOR INC	1	<a href="#">Part Numbers</a>
SANKEN ELECTRIC CO LTD	1	<a href="#">Part Numbers</a>
SCHAFFNER HOLDING AG	1	<a href="#">Part Numbers</a>
SEAGATE MICROELECTRONICS LTD	12	<a href="#">Part Numbers</a>
SEMIKRON INTERNATIONAL	16	<a href="#">Part Numbers</a>
SEMTECH CORP	4	<a href="#">Part Numbers</a>



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SHARP CORP	2	<a href="#">Part Numbers</a>
SILICON LABORATORIES INC	16	<a href="#">Part Numbers</a>
STMICROELECTRONICS	6	<a href="#">Part Numbers</a>
SURGE COMPONENTS INC	9	<a href="#">Part Numbers</a>
TAIWAN SEMICONDUCTOR CO LTD	1	<a href="#">Part Numbers</a>
TAIYO YUDEN CO LTD	47	<a href="#">Part Numbers</a>
TE CONNECTIVITY LTD	1	<a href="#">Part Numbers</a>
TEXAS INSTRUMENTS INC	2	<a href="#">Part Numbers</a>
TOSHIBA CORP	75	<a href="#">Part Numbers</a>
TT ELECTRONICS PLC	13	<a href="#">Part Numbers</a>
VISHAY INTERTECHNOLOGY INC	2	<a href="#">Part Numbers</a>
VISHAY PRECISION GROUP INC	1	<a href="#">Part Numbers</a>
WESTERN DIGITAL CORP	1	<a href="#">Part Numbers</a>
WOLFSPEED INC	152	<a href="#">Part Numbers</a>
XMOS LTD	2	<a href="#">Part Numbers</a>



### Rebound Obsolescence Management





## Market Trends in 2024

Despite these challenges, the global semiconductor market has shown some signs of recovery. Sales in 2024 have grown by 15.2% year-over-year as demand for AI chips, particularly Nvidia GPUs, remains strong. However, many manufacturers, such as Samsung and SK Hynix, continue to engage in strategic production cuts to manage inventory overhangs from previous years.

In terms of obsolescence, passive components continue to dominate in terms of numbers, but semiconductor obsolescence, while less frequent, has a larger impact on product lifecycle and redesign costs. With over 470,000 parts reaching end-of-life (EOL) in 2023, many manufacturers have struggled with short notice periods and the lack of clear product change notifications (PCNs) from suppliers.

## Mitigating Obsolescence Risks

To navigate these challenges, companies are increasingly turning to robust risk management strategies. These include:

- **Multi-sourcing and forecasting** - Expanding approved vendor lists and forecasting product lifecycles to mitigate sudden EOLs.
- **Lifecycle Management Tools** - Utilising supply chain tools that track PCNs and offer predictive analytics to help businesses proactively plan for obsolescence.
- **Redesign and Flexibility** - Ensuring designs allow for the integration of alternative components to minimize the impact of obsolescence

As the semiconductor industry adapts to a faster pace of innovation, companies must continue to refine their obsolescence management strategies to maintain agility and prevent costly production delays. At **Rebound Electronics**, we specialise in helping businesses navigate the challenges of semiconductor obsolescence. We assist in identifying and sourcing alternatives for obsolete components, ensuring minimal disruption to your supply chain. Contact us today to discuss how we can support your procurement and lifecycle management needs.

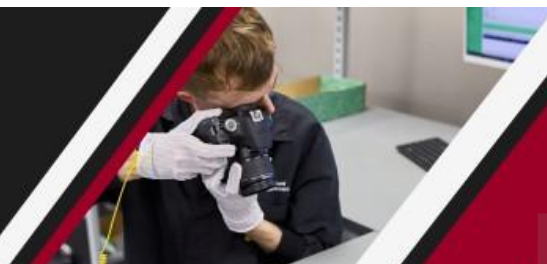
Feel free to reach out, and let's work together to find solutions for your EOL challenges!



Rebound Electronics

### Triple-Tiered Trust: **Rebound's Comprehensive Quality Control**

At Rebound, we classify our products through a triple-grade system: Traceable, Trusted, and Prior Approval. This multifaceted approach ensures that every product meets specific, stringent standards, adapting to diverse quality need.





## Staying Informed

Rebound Electronics' Group Quality Compliance Manager Chris Holder attended the IOM 2024 International Symposium in the United States hosted by the US IOM chapter in Colonial Williamsburg. There were many technical presentations and case studies supported by some of the largest organisations.

Some of the main takeaways were:

1. **PLCC, PQFP and Through-Hole Package types are to be phased out with new technologies coming out.**
2. **30% of components that went obsolete in 2023 went without any notification or PCN's**
3. **The importance of BOM risk assessments and detailed obsolescence plans for all long life-cycle products, and more so for new designs.**
4. **Huge obsolescence announcements from Onsemi and NXP going into 2025**
5. **On average 15% of component part numbers went obsolete every day during 2024**

Rebound are here to help with any obsolescence opportunities that the electronics market throw at you. With our pack ROM Support package, we can monitor the health of your BOMs, lower the impact with alternative manufacturers, or secure stock for long term storage. So please get in contact with Rebound to see how we can help.



*Disclaimer: The Obsolescence Report prepared by the Senior Commercial Analyst of Rebound Electronics is provided for informational purposes only and should not be considered solely for financial, investment, or business advice. While we ensure the timeliness and quality of the data, please contact the Rebound Electronics team for any further questions.*