



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	Part Numbers
AMS-OSRAM AG	16	Part Numbers
ANALOG DEVICES INC	6	Part Numbers
APTIV PLC	9	Part Numbers
C & K COMPONENTS LLC	1	Part Numbers
CUI INC	47	Part Numbers
DELTA ELECTRONICS INC	1	Part Numbers
DIODES INC	2	Part Numbers
ELNA CO LTD	75	Part Numbers
EVERLIGHT ELECTRONICS CO LTD	13	Part Numbers
FLEX LTD	2	Part Numbers
GLOBAL CONNECTOR TECHNOLOGY INC	1	Part Numbers
GREENLIANT SYSTEMS LTD	1	Part Numbers
INFINEON TECHNOLOGIES AG	152	Part Numbers
INTEL CORP	2	Part Numbers
KEMET ELECTRONICS CORP	34	Part Numbers
LITE-ON TECHNOLOGY CORP	1	Part Numbers
LITTELFUSE INC	12	Part Numbers
LUMINUS DEVICES INC	1	Part Numbers
MAXLINEAR INC	1	Part Numbers



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



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

Rebound Electronics

Support Summary

Adapter or Interposer Obsolescence Part Watch System Last Time Buy Long Term Storage

When designing a new product, maintaining production, or supporting existing products, partnering with Rebound offers numerous benefits that streamline your processes and enhance overall success.



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 was 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 ROM Support package, we can monitor the health of your BOMs, lower the impact with alternative manufactures, 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.