MEMPHIS
WE KNOW MEMORY

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MEMPHIS MEMORY ESSENTIALS

Everything you need to know about the semiconductor memory industry, from legacy technologies to latest innovations.

Brought to you by MEMPHIS Electronic, your Memory Competence Center.
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With Great Power comes Great Responsibility

It's easy to fall into despair when looking at the semiconductor market: Contradictory messages from market analysts depending on the market segment they are looking at, looming tariffs, imminent discontinuations are just some of the news that we faced in the past weeks.

But in challenging times, we all should remember that the electronics industry is at the heart of the world as we know it. And its role (and power) is only going to get bigger!

Not surprisingly, Yole Intelligence sees the semiconductor devices industry back on track to reach $1 trillion in 2030. But it's not a sure-fire success. To navigate the market conditions, relevant information and staying on top of developments has never been more important.

So we took Spiderman's motto, with great power comes great responsibility, to heart and since we are the Memory Competence Center, we are starting a webinar series in which we are sharing market insights and our view on trends in memory technologies and the applications that are driving them.

Another opportunity to exchange market views and memory insights is embedded world. From March 11 to 13 you can find us again in hall 1-340.

We invite you to join us at the show. You can find your ticket code below.

DDR3 & DDR4 Discontinuations by end of 2025

According to recent reports from DIGITIMES Asia, the three major DRAM manufacturers, #Samsung, #SkHynix and #Micron, might cease production of DDR3 and DDR4 by the end of 2025 as a reaction to falling prices and weak demand. This might lead to supply shortages in the second half of 2025.

Nanya Technology predicts the DRAM market will bottom out in the first half of 2025. Winbond on the other hand is advancing its manufacturing to a 16nm process as a reaction to the weak demand for mature DDR products.

Reach out if you have any questions or concerns.

Read the full story here.

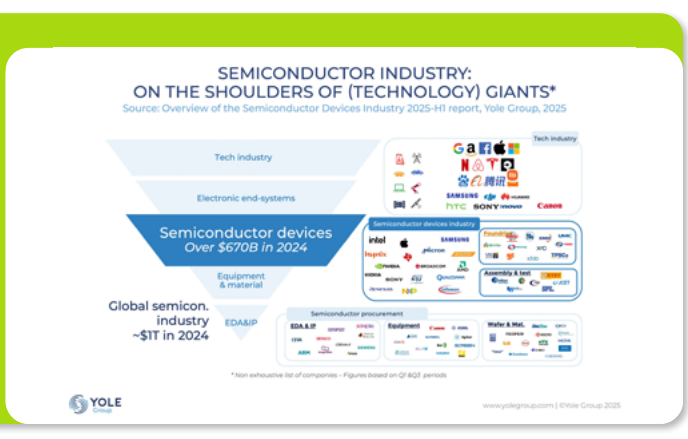
Join our Webinar: Memory Trends 2025 & Beyond

The semiconductor memory industry is caught between oversupply and geopolitical tensions. At the same time, memory technologies are the driving force behind unparalleled innovations such as AI or IIoT.

In these challenging times, you need all the insights you can get. So we are holding a webinar on March 5 where we will offer valuable insights into the rapidly evolving landscape of the semiconductor and memory markets and take a deep dive into DRAM and NAND flash technology trends.

There's still time to register!

Find more details here.

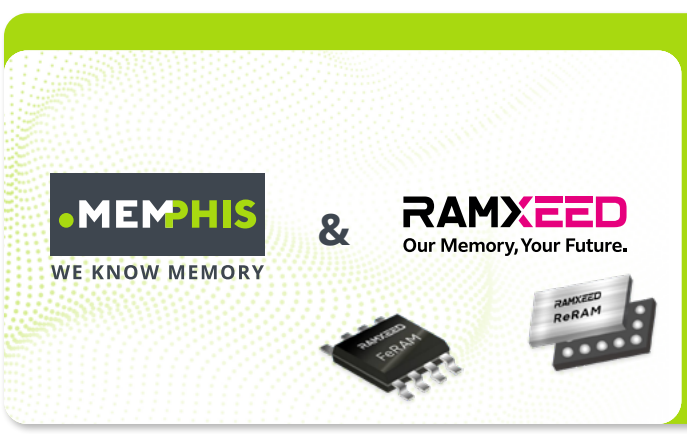


$1 Trillion by 2030

According to Yole Group, the boom in generative AI as well as a growing demand in automotive computing and industrial market segments will propel the semiconductor devices industry back on track to reach 1 trillion by 2030. While growth in AI servers is already a driver today, Yole also sees growth rates exceeding 10% in automotive applications.

From a component standpoint, DRAM, NAND, and processors will drive the semiconductor devices industry, maintaining a steady growth rate of 7% to 8% through 2030.

Read more here.

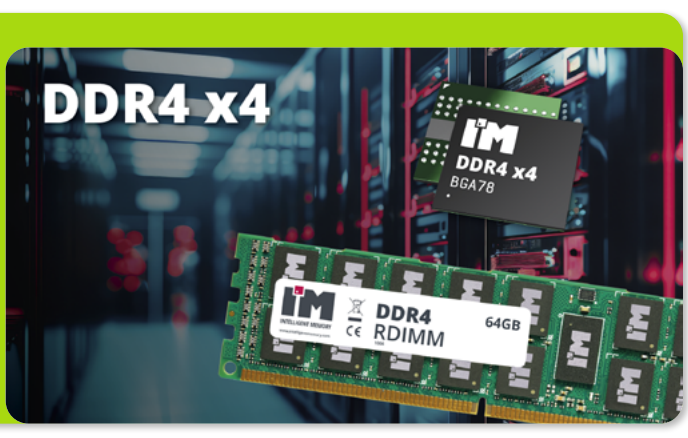


Welcome RAMXEED to our Linecard

Exciting news – we are proud to announce that we have added RAMXEED Limited to our linecard of over 18 memory manufacturers. This means we are expanding our portfolio with FeERAM and ReRAM memory technologies, which are known for high speed data processing, non-volatility, and energy efficiency.

RAMXEED's FeRAM technology offers fast write/read capabilities, high endurance, high reliability, and low power consumption. Meanwhile, ReRAM provides memory density scalability and ultra-low power read performance. Both have high compatibility with EEPROM.

Read more here or reach out.



DDR4 x4 components and Modules

Intelligent Memory Ltd. has recently expanded its DDR4 portfolio with 16Gb DDR4 x4 components which are ideal for high density modules. True to its commitment to industrial markets, the new components are qualified for extended temperatures of -40°C to +95°C.

On the high-density spectrum of its DDR4 portfolio, IM has launched 32Gb DDR4 components that are also available in commercial and industrial temperature ranges and in x16 (1CS) and x8 (2CS) configurations, delivering exceptional reliability and longevity support.

Read more here.

Visit us at EMBEDDED WORLD

What memory technology will give you the best performance and price for your product? Will it be available for the lifetime of your product?

embedded world taking place from March 11 to 13 is the ideal opportunity to get expert advice on these and other topics that are keeping you up at night. As THE Memory Competence Center, we will once again showcase legacy and new memory solutions from selected manufacturers from our portfolio in **hall 1, booth 340**.

With this ticket code you will get free entry to the trade fair:
ew25542590

Get Your Ticket here.

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