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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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Tariffied? Keep Calm and Prepare!

If you are a business, supply chain manager or investor these days, chances are high that you are **tariffied** – in a state of fear, anxiety or strategic panic in response to the sudden tariffs and the uncertainty about potential new tariff changes.

Ever since the Trump administration announced plans to introduce reciprocal tariffs on more than 180 countries, the global economies have seen strong reactions. While some of these have been paused and exemptions are being discussed, uncertainty remains.

It is easy to fall into a state of shock and paralysis in the light of the on-and-off-again tariffs. Still, **there are things you can do to prepare** for what lies ahead. We have put together some tips for you. After all, one thing is certain: changes will come!

With all the noise about tariffs, we risk losing sight of other important topics like the upcoming **eMMC discontinuation**. Find out if and how you are affected and what opportunity this technological shift can have in our next webinar on May 11.

Register today and join us!

Tariffs – What you can do now

It's a rollercoaster ride to read the news about tariffs these days. Do the tariffs apply to “finished goods” including memory modules, SSDs, and fully packaged ICs or are they exempt? Will tariffs on semiconductors come? If so, when? And will there be exceptions?

While there's nothing you can do about the tariffs, **you can prepare**.

Read more [here](#).

21% Semiconductor Growth in 2024

According to a recent Gartner report, the worldwide semiconductor revenue totaled \$655.9 billion in 2024, a 21% increase compared to 2023.

The AI trend and the corresponding AI infrastructure buildout propelled Nvidia to the No. 1 position for the first time, overtaking Samsung which benefited from a 73% increase in memory revenue, and leaving Intel in third place.

Read more [here](#).

eMMC Discontinuation doesn't have to be Bloody

As a result of the ongoing price pressure on memory manufacturers, the large players are exiting legacy technologies such as DDR3, DDR4, and now also eMMC technologies to focus on higher-margin products.

Are you affected? **Find out now and request samples from alternative suppliers**, so the Grim Reaper doesn't get you!

Read more [here](#).

Join our Webinar: eMMC in Transition

Samsung's decision to phase out MLC NAND production by next year will have a considerable impact on B2B industries such as automotive, medical, or industrial control markets as well as embedded and IoT systems.

Join us for our next webinar to find out everything you need to know about the upcoming eMMC discontinuations!

Register [here](#).

Everything about SRAM

The death of SRAM has been proclaimed many times before - and still, SRAM remains a workhorse memory that is widely used today simply because it has some strengths that are not that easy to find in other memory technologies.

So what is SRAM? What makes it indispensable even today? What different SRAM varieties are out there and how do they differ? And are there alternatives for SRAM?

Find out and request samples [here](#).

NEUMONDA and FMC Collaborate on Non-Volatile DRAM

Neumonda is working with **Ferroelectric Memory Company** to commercialize their non-volatile DRAM+, a disruptive technology that combines non-volatile properties of ferroelectric hafnium oxide (HfO2) with RAM.

The DRAM testers of Neumonda will play a crucial role in bringing the memory industry back to Germany!

Read more [here](#).

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**KEEP CALM
AND PREPARE**




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WE KNOW MEMORY

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**MEMPHIS
MEMORY
ESSENTIALS**



Tariffied?
Here's what you can do now!

21% Semiconductor Growth in 2024







eMMC IN TRANSITION

Market Trends, Technology Landscape &
Strategic Implications



NIKOLAOS FLOROUS

Senior Lecturer, Technology & Innovation

Join us for our Webinar on May 22nd

Pseudo SRAM

Non-Volatile SRAM

On-chip SRAM

SRAM

Sync. SRAM

ASync Fast SRAM

Low Power SRAM





40 YEARS FLASH MEMORY

Open the Black Box of Memory



E X K H
EYE KNOW HOW
Eye Knowledge Exchange



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LPDDR4X / SLC NAND MCP BLOCK DIAGRAM

