

MEMPHIS

WE KNOW MEMORY

30
YEARS

YOUR ONE STOP DISTRIBUTOR FOR

MEMORY COMPONENTS AND MODULES

**FULL-RANGE
PROVIDER**
for volatile,
non-volatile and
emerging memory.



ABOUT MEMPHIS

- For over 30 years we have been focused on memory only and know the products of more than 20 vendors in the market inside out - even if they are not on our line card
- We can recommend the memory components and modules that best fit your application as well as second sources to keep you covered
- Tap into the experience of our engineers in 14 locations across the globe
- Become more independent of supply chain issues with our MEMPHIS operated warehouses in Germany, Hong Kong and the United States

SERVICE PORTFOLIO

- Independent and manufacturer agnostic product recommendations based on the needs of your specific application and industry
- In-depth technical support with the selection, sampling and testing of products during your qualification process
- Technology cross-referencing service for 2nd and 3rd source alternates EOL management, global fulfillment and logistics solutions for a fast, safe and reliable product availability
- Fixed scheduled deliveries as part of long term frame contracts

INDUSTRY SEGMENTS

Best product fit for all different industry segments requirements



Aerospace



Automotive



Avionics



Communication



IoT



Industrial



Medical



Networking



Optical



Security

LINE CARD



PRODUCT PORTFOLIO

MEMPHIS

WE KNOW MEMORY

VOLATILE MEMORY

SDRAM

- DDR5
- DDR4
- DDR3
- DDR2
- DDR
- SDRAM

Mobile DRAM

- LPDDR5
- LPDDR4 & 4X
- LPDDR3
- LPDDR2
- LPDDR
- LPSDRAM

Graphic DRAM

- GDDR6
- GDDR5

DRAM (integrated ECC)

- DDR3, DDR2, DDR
- LPDDR4, LPDDR
- Robust & extra robust

SRAM

- Low power SRAM
- Fast SRAM
- Synchronous SRAM
- Pseudo SRAM

DRAM Modules

- EDO & FPM to DDR5

NON-VOLATILE MEMORY

NOR Flash

- Parallel & Serial (SPI)

NAND Flash

- SLC, MLC & TLC
- Parallel & Serial (SPI)

Managed Flash

- eMMC & UFS
- BGA SSD (SATA, PCIe)

SSD Drives

- M.2 2242, M.2 2280, mSATA, 2.5", Half Slim, PCIe, E1.S

MRAM

- Parallel & Serial (SPI)
- FBGA & TSOP

MCP & eMCP Products

We offer memory in all technologies, organizations, speed grades and temperature ranges.



DRAM MODULE CONFIGURATOR

MEMORY MODULES

Standards

- JEDEC and special customer designs
- Fixed BOM
- Buffered & unbuffered
- Registered & unregistered
- ECC & non-ECC

Technology

- DDR5, DDR4, DDR3, DDR2, DDR, SDRAM, SRAM
- Component based versions (integrated ECC)

Organization

- 32 Bit, 64 Bit, 72 Bit (ECC)

Form Factor

- UDIMM, FBDIMM, RDIMM, LRDIMM, SO-DIMM, SO-RDIMM, VLP RDIMM, Mini RDIMM, Mini VLP RDIMM, ULP RDIMM, Mini UDIMM, VLP Mini UDIMM

Configuration

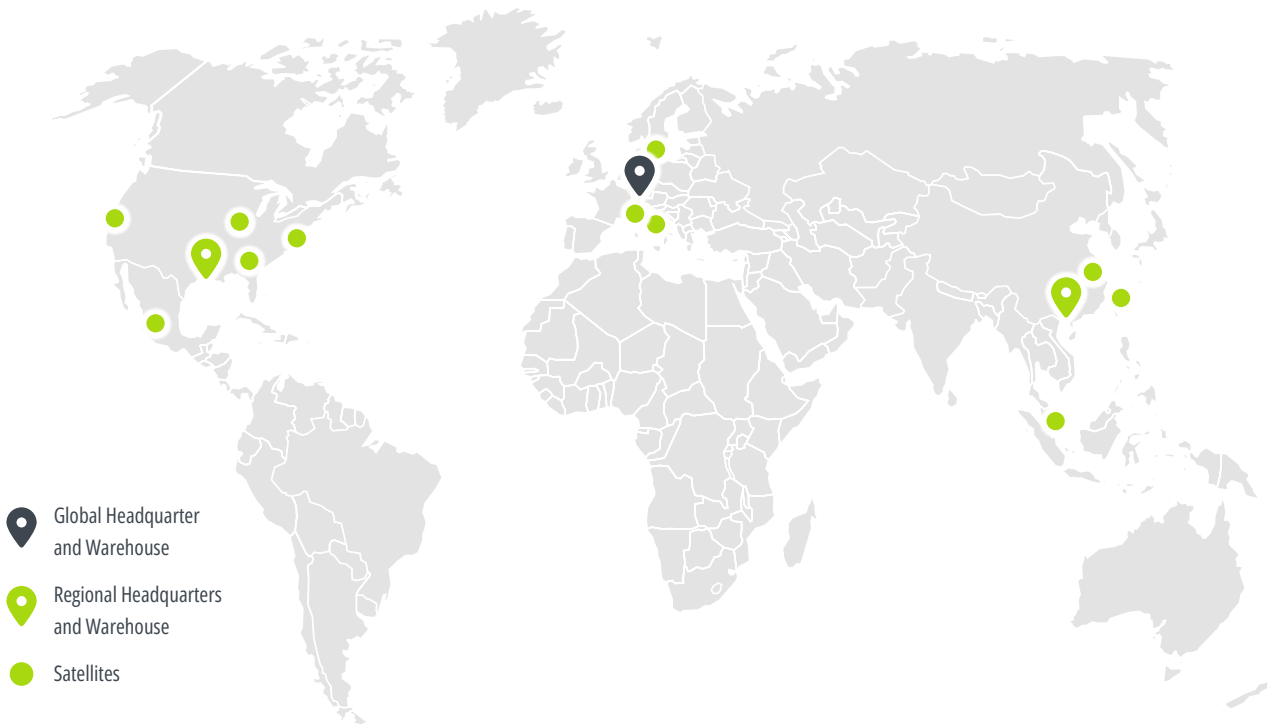
- Single, Dual & Quad Rank

Temperature

- Commercial, Industrial, Automotive

Use our module configurator at www.memphis.de to identify the right module for you.

LOCATIONS

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MEMPHIS complies with all major ISO and environmental regulations:

