Global Semiconductor Market Surges Beyond $1.5T 2026

The World Semiconductor Trade Statistics (WSTS) organization has released its Spring 2026 semiconductor market forecast, significantly raising the industry outlook for both 2026 and 2027.

2026: Semiconductor Market Surpasses USD 1.5 Trillion Driven by Extraordinary Memory Expansion

Following exceptionally strong results in late 2025 and early 2026, the global semiconductor market is now projected to grow 90 percent in 2026, reaching USD 1.51 trillion.

The sharp upward acceleration is overwhelmingly driven by the Memory segment, which is forecast to surge by around 250 percent year over year, reaching more than USD 800 billion in 2026. Continued strong demand for AI infrastructure, high-bandwidth memory (HBM), and accelerated computing platforms remains the primary growth catalyst for the semiconductor industry. Logic is expected to remain another major contributor, growing 37 percent in 2026.

Other product categories are forecast to expand at more moderate rates, reflecting a broader industry growth: Microprocessors 20 percent, Analog 10 percent, Discrete Semiconductors 8 percent, Sensors and Optoelectronics with 3 percent.

Regionally, all major markets are projected to show strong growth. The Americas are expected to more than double in 2026 with 112 percent growth, driven by the concentration of AI-related semiconductor demand and cloud infrastructure investments. Asia Pacific is forecast to grow 87 percent, while Europe and Japan are projected to grow 58 percent and 28 percent respectively.

2027 Outlook: Growth Continues Above Historical Industry Trends

For 2027, WSTS forecasts the global semiconductor market to grow a further 27 percent, reaching approximately USD 1.9 trillion.

Memory is again expected to lead market expansion with projected growth of 32 percent, while Logic is forecast to increase by 27 percent. Continued deployment of AI systems, advanced computing infrastructure, and expanding semiconductor content across end markets are expected to support ongoing industry momentum.

All geographic regions are projected to continue growing in 2027, led by the Americas and Asia Pacific.

WSTS Forecast Summary

Note: Numbers in the table are rounded to whole millions of dollars, which may cause totals by region and totals by product group to differ slightly.

***About WSTS**:*

World Semiconductor Trade Statistics (WSTS) was founded in 1986 as a non-profit organization of semiconductor product companies and is the industry?s only source for monthly industry shipment statistics. For more information, please visit the WSTS web site at www.wsts.org or contact the WSTS Administrator and CEO ? Tobias Pröttel (tp@wsts.org).

Downloads:

WSTS Spring 2026 FC - Global Semiconductor Market Surges Beyond $1.5T 2026 (PDF | 256,45 kB)