



Brussels, 6 June 2024

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Worldwide semiconductor market expected to recover strongly and hit \$611 billion in 2024

2024 Forecast: Strong Recovery Expected

The European Semiconductor Industry Association (ESIA) reports on the latest semiconductor market forecast by the World Semiconductor Trade Statistics (WSTS) anticipating robust growth in 2024 and 2025.

WSTS has adjusted its Spring 2024 forecast upwards, projecting a 16 percent growth in the global semiconductor market compared to the previous year. The updated market valuation for 2024 is estimated at US\$611 billion. This revision reflects stronger performance in the last two quarters, particularly in computing end-markets.

For 2024, mainly two Integrated Circuit categories are anticipated to drive the growth for the year with double digit increase, Logic with 10.7 percent and Memory with 76.8 percent. Conversely, other categories such as Discrete, Optoelectronics, Sensors, and Analog Semiconductors are expected to experience single-digit declines.

The Americas and Asia Pacific regions are projected to see significant growth, with increases of 25.1 percent and 17.5 percent, respectively. In contrast, Europe is expected to show marginal growth of 0.5 percent, while Japan is forecasted to see a slight decline of 1.1 percent.

2025 Outlook: Continued Solid Growth

Looking ahead to 2025, WSTS forecasts a 12.5 percent growth in the global semiconductor market, reaching an estimated valuation of US\$687 billion. This growth is expected to be driven primarily by the Memory and Logic sectors, which are on track to soar to over US\$200 billion in 2025 each, representing an upward trend of over 25 percent for Memory and over 10

percent for Logic from the previous year. All other segments are anticipated to record single-digit growth rates.

In 2025, all regions are poised for continued expansion. The Americas and Asia Pacific are expected to maintain their double-digit growth on a year-over-year basis.

To find out how to subscribe to **WSTS reports** on semiconductor sales data, [click here](#).

WSTS forecast summary

Spring 2024	Amounts in US\$M			Year on Year Growth in %		
	2023	2024	2025	2023	2024	2025
Americas	134,377	168,062	192,941	-4.8	25.1	14.8
Europe	55,763	56,038	60,901	3.5	0.5	8.7
Japan	46,751	46,254	50,578	-2.9	-1.1	9.3
Asia Pacific	289,994	340,877	382,961	-12.4	17.5	12.3
Total World - \$M	526,885	611,231	687,380	-8.2	16.0	12.5
Discrete Semiconductors	35,530	32,773	35,310	4.5	-7.8	7.7
Optoelectronics	43,184	42,736	44,232	-1.6	-1.0	3.5
Sensors	19,730	18,265	19,414	-9.4	-7.4	6.3
Integrated Circuits	428,442	517,457	588,425	-9.7	20.8	13.7
Analog	81,225	79,058	84,344	-8.7	-2.7	6.7
Micro	76,340	77,590	81,611	-3.5	1.6	5.2
Logic	178,589	197,656	218,189	1.1	10.7	10.4
Memory	92,288	163,153	204,281	-28.9	76.8	25.2
Total Products - \$M	526,885	611,231	687,380	-8.2	16.0	12.5

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.

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About ESIA: *The European Semiconductor Industry Association (ESIA) is the voice of the semiconductor industry in Europe. Its mission is to represent and promote the common interests of the Europe-based semiconductor industry towards the European institutions and stakeholders in order to ensure a sustainable business environment and foster its global competitiveness. As a provider of key enabling technologies, the industry creates innovative solutions for industrial development, contributing to economic growth and responding to major societal challenges. Being ranked as one of the most R&D-intensive sector by the European Commission, the European semiconductor ecosystem supports approx. 200.000 jobs directly and up to 1.000.000 induced jobs in systems, applications and services in Europe. Overall, micro- and nano-electronics enable the generation of at least 10% of GDP in Europe and the world.*

About WSTS: *World Semiconductor Trade Statistics (WSTS) was founded in 1986 as a non-profit organisation of semiconductor product companies and is the industry's only source for monthly industry shipment statistics. <http://www.wsts.org/>*