

The World Semiconductor Trade Statistics (WSTS) has released its new semiconductor market forecast generated in November 2022.

**FOR IMMEDIATE RELEASE:**

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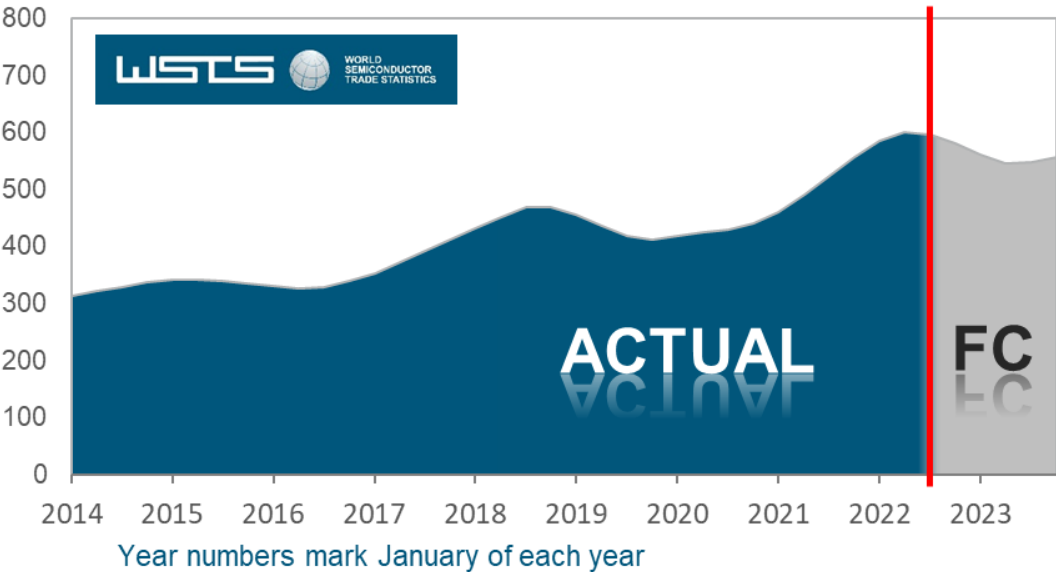
**The Worldwide Semiconductor Market is expected to slow to 4.4 percent growth in 2022, followed by a decline of 4.1 percent in 2023.**

Following a strong growth of 26.2 percent in the year 2021, WSTS revised its forecast down to a single digit growth for the worldwide semiconductor market in 2022 with a total size of \$580 billion, up 4.4 percent.

WSTS forecast lowered growth estimation as inflation rises and end markets seeing weaker demand, especially those exposed to consumer spending. While some major categories are still expected to see double-digit year-over-year growth in 2022, led by Analog with 20.8 percent, Sensors with 16.3 percent, and Logic with 14.5 percent growth. Memory is expected to turns negative in the forecast and decline with 12.6 percent year over year.

In 2022, all geographical regions are seen to show double-digit growth except Asia Pacific. The largest region, Asia Pacific, is expected to decline 2.0 percent. The Americas region is expected to show growth of 17.0 percent, Europe 12.6 percent, and Japan 10.0 percent.

Global semiconductor billings (billion US\$) – 12MMA



## Worldwide Semiconductor Market is expected to decline slightly in 2023

For 2023, the global semiconductor market is projected to decline by 4.1 percent to US\$ 557 billion, driven by the Memory segment. In this latest forecast, this category is projected to fall to US \$112 billion in 2023, dropping by 17% compared the previous year. Some other major categories showing single digit growth like Optoelectronics, Sensors, Discrete and Analog.

All regions are expected to remain flat in 2023, only Asia Pacific is estimated to decline with 7.5 percent year over year.

## WSTS Forecast Summary

Fall 2022	Amounts in US\$M			Year on Year Growth in %		
	2021	2022	2023	2021	2022	2023
<b>Americas</b>	121,481	142,138	143,278	27.4	17.0	0.8
<b>Europe</b>	47,757	53,774	54,006	27.3	12.6	0.4
<b>Japan</b>	43,687	48,064	48,280	19.8	10.0	0.4
<b>Asia Pacific</b>	342,967	336,151	311,005	26.5	-2.0	-7.5
<b>Total World - \$M</b>	555,893	580,126	556,568	26.2	4.4	-4.1
<b>Discrete Semiconductors</b>	30,337	34,098	35,060	27.4	12.4	2.8
<b>Optoelectronics</b>	43,404	43,777	45,381	7.4	0.9	3.7
<b>Sensors</b>	19,149	22,262	23,086	28.0	16.3	3.7
<b>Integrated Circuits</b>	463,002	479,988	453,041	28.2	3.7	-5.6
Analog	74,105	89,554	90,952	33.1	20.8	1.6
Micro	80,221	78,790	75,273	15.1	-1.8	-4.5
Logic	154,837	177,238	175,191	30.8	14.5	-1.2
Memory	153,838	134,407	111,624	30.9	-12.6	-17.0
<b>Total Products - \$M</b>	555,893	580,126	556,568	26.2	4.4	-4.1

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](http://www.wsts.org).

### Editorial Contacts:

For further information please consult the WSTS Vice Chair in your region.

Region	Name	Function	Phone
Americas	<a href="#">Kevin Hawkins</a>	Americas Vice Chair	+1-214-567-3828
Europe	<a href="#">Elise Lafond</a>	Europe Vice Chair	+41-22-929-6955
Japan	<a href="#">Akemi Takigawa</a>	Japan Vice Chair	+81-44-548-2122
Asia Pacific	<a href="#">Gabriel Chou</a>	Asia Pacific Vice Chair	+886-3-578-6688
World	<a href="#">Indradeep Ghosh</a>	World Chair	+1-408-203-6537