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FOR IMMEDIATE RELEASE

The worldwide semiconductor market is expected to increase 16.3 percent in 2022, continuing to grow by 5.1 percent in 2023

The European Semiconductor Industry Association (ESIA) reports on the release of the new semiconductor market forecast generated in May 2022 by the World Semiconductor Trade Statistics (WSTS). Following a strong growth year of 26.2% in the year 2021, WSTS expects another year of double-digit growth for the worldwide semiconductor market in 2022 with a forecast of US\$ 646 billion, up 16.3%.

WSTS forecasts strong chip demand for another consecutive year, with most major categories expected to see high teens year-over-year growth in 2022, led by Logic with 20.8% growth, Analog with 19.2% growth, and Memory with 18.7% growth. Optoelectronics remains the weakest category in the forecast and is expected to be roughly flat (+0.3%) year-over-year.

In 2022, all geographical regions are expected to show growth. The largest region, Asia Pacific, is expected to grow 13.9%. The Americas are expected to show growth of 22.6%, Europe 20.8%, and Japan 12.6%.

Worldwide semiconductor market growth is expected to grow further in 2023

For 2023, the global semiconductor market is projected to grow by 5.1% to US\$ 680 billion, driven by mid-single digit growth in the Logic and Analog categories. In this latest forecast, the Logic category is projected to reach US\$ 200 billion in 2023, roughly 30% of the total market.

All other product categories are also expected to show positive growth rates. All regions are expected to grow in 2023.

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

WSTS forecast summary

Spring 2022	Amounts in US\$M			Year on Year Growth in %		
	2021	2022	2023	2021	2022	2023
Americas	121,481	148,969	155,524	27.4	22.6	4.4
Europe	47,757	57,669	60,610	27.3	20.8	5.1
Japan	43,687	49,200	51,542	19.8	12.6	4.8
Asia Pacific	342,967	390,618	411,973	26.5	13.9	5.5
Total World – \$M	555,893	646,456	679,650	26.2	16.3	5.1
Discrete Semiconductors	30,337	33,444	34,708	27.4	10.2	3.8
Optoelectronics	43,404	43,534	45,166	7.4	0.3	3.7
Sensors	19,149	22,159	22,959	28.0	15.7	3.6
Integrated Circuits	463,002	547,319	576,817	28.2	18.2	5.4
Analog	74,105	88,324	93,318	33.1	19.2	5.7
Micro	80,221	89,363	94,065	15.1	11.4	5.3
Logic	154,837	186,971	200,539	30.8	20.8	7.3
Memory	153,838	182,661	188,896	30.9	18.7	3.4
Total Products – \$M	555,893	646,456	679,650	26.2	16.3	5.1

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.

For more information:

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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 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/>