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FOR IMMEDIATE RELEASE

The worldwide semiconductor market is expected to increase by 19.7 percent in 2021, continuing to grow by 8.8 percent in 2022

Worldwide semiconductor market is forecasted to be US\$ 527 billion in 2021 – an increase of 19.7% from 2020 – reports the European Semiconductor Industry Association (ESIA) based on the latest WSTS forecast data.

The World Semiconductor Trade Statistics (WSTS) has released its new semiconductor market forecast generated in May 2021.

WSTS expects the worldwide semiconductor market growth to rise from 6.8% in 2020 to outstanding 19.7% in the year 2021, which corresponds to a market size of US\$ 527 billion.

The largest growth contributors are Memory with 31.7%, followed by Sensors with 22.4% and Analog with 21.7%. All other major product categories are also expected to show double-digit growth-rates, with the exceptions of Optoelectronics with 9.8% and MOS Micro with 8.1%.

In 2021, Asia Pacific (incl. China) is forecasted to show the strongest growth rate with 23.5%, followed by Europe with 21.1%, Japan 12.7% and Americas with 11.1%.

Worldwide semiconductor market growth is expected to further grow in 2022

For 2022, the global semiconductor market is projected to grow to by 8.8% to US\$ 573 billion, driven by a double-digit growth of the Memory category.

All regions are expected again to show positive growth rates.

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

WSTS forecast summary

| Spring 2021 | Amounts in US\$M | | | Year on Year Growth in % | | |
|--------------------------------|------------------|---------|---------|--------------------------|------|------|
| | 2020 | 2021 | 2022 | 2020 | 2021 | 2022 |
| Americas | 95,366 | 105,981 | 116,304 | 21.3 | 11.1 | 9.7 |
| Europe | 37,520 | 45,446 | 48,335 | -5.8 | 21.1 | 6.4 |
| Japan | 36,471 | 41,092 | 43,303 | 1.3 | 12.7 | 5.4 |
| Asia Pacific | 271,032 | 334,705 | 365,498 | 5.1 | 23.5 | 9.2 |
| Total World – \$M | 440,389 | 527,223 | 573,440 | 6.8 | 19.7 | 8.8 |
| Discrete Semiconductors | 23,804 | 28,154 | 29,226 | -0.3 | 18.3 | 3.8 |
| Optoelectronics | 40,397 | 44,376 | 46,684 | -2.8 | 9.8 | 5.2 |
| Sensors | 14,962 | 18,321 | 19,309 | 10.7 | 22.4 | 5.4 |
| Integrated Circuits | 361,226 | 436,372 | 478,221 | 8.4 | 20.8 | 9.6 |
| Analog | 55,658 | 67,716 | 71,175 | 3.2 | 21.7 | 5.1 |
| Micro | 69,678 | 75,297 | 78,160 | 4.9 | 8.1 | 3.8 |
| Logic | 118,408 | 138,578 | 147,175 | 11.1 | 17.0 | 6.2 |
| Memory | 117,482 | 154,782 | 181,710 | 10.4 | 31.7 | 17.4 |
| Total Products – \$M | 440,389 | 527,223 | 573,440 | 6.8 | 19.7 | 8.8 |

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/>*