



FOR IMMEDIATE RELEASE:

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WSTS Semiconductor Market Forecast Spring 2021

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

Due to the COVID-19 situation, WSTS was unable to have a forecast meeting. This forecast was developed using the online forecast tool by WSTS member companies.

THE WORLDWIDE SEMICONDUCTOR MARKET IS EXPECTED TO INCREASE by 19.7 PERCENT IN 2021, CONTINUING TO GROW BY 8.8 PERCENT IN 2022

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

The largest growth contributors are Memory with 31.7 percent, followed by Sensors with 22.4 percent and Analog with 21.7 percent.

All other major product categories are also expected to show double-digit growth-rates, with the exceptions of Optoelectronics with 9.8 percent and MOS Micro with 8.1 percent.

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

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 percent to US\$ 573 billion, driven by a double-digit growth of the Memory category.

All regions are expected again to show positive growth rates.

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.

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.

| 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 |