



WSTS Semiconductor Market Forecast Spring 2018

From the spring 2018 Forecast Meeting, held May 22 to 24, 2018

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WSTS FORECASTS THE SEMICONDUCTOR MARKET TO GROW CONTINUOUSLY IN 2018 AND 2019

Worldwide Semiconductor Market is forecasted to be US\$ 463 billion in 2018 – an increase of 12.4 percent from 2017

The World Semiconductor Trade Statistics (WSTS) has released its new semiconductor market forecast generated in May 2018.

WSTS expects the world semiconductor market to grow in 2018 and 2019 to US\$ 463 billion and US\$ 484 billion respectively. For 2018, this represents growth of 12.4 percent. This reflects expected growth in all major categories, with an extraordinary growth from Memory at 26.5 percent followed by Analog with 9.5 percent. In 2018, all geographical regions are expected to grow.

Worldwide Semiconductor Market growth is expected to continue through 2019

For 2019, all major product categories and regions are forecasted to grow with the overall market up 4.4 percent, with Sensors contributing the highest growth followed by Optoelectronics and Analog.

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

From the spring 2018 Forecast Meeting, held May 22 to 24, 2018:

| Spring 2018 | Amounts in US\$M | | | Year on Year Growth in % | | |
|--------------------------------|------------------|----------------|----------------|--------------------------|-------------|------------|
| | 2017 | 2018 | 2019 | 2017 | 2018 | 2019 |
| Americas | 88,494 | 100,853 | 105,521 | 35.0 | 14.0 | 4.6 |
| Europe | 38,311 | 43,430 | 45,487 | 17.1 | 13.4 | 4.7 |
| Japan | 36,595 | 39,753 | 41,440 | 13.3 | 8.6 | 4.2 |
| Asia Pacific | 248,821 | 279,375 | 291,271 | 19.4 | 12.3 | 4.3 |
| Total World - \$M | 412,221 | 463,412 | 483,719 | 21.6 | 12.4 | 4.4 |
| Discrete Semiconductors | 21,651 | 23,610 | 24,659 | 11.5 | 9.0 | 4.4 |
| Optoelectronics | 34,813 | 35,986 | 38,024 | 8.8 | 3.4 | 5.7 |
| Sensors | 12,571 | 13,306 | 14,118 | 16.2 | 5.9 | 6.1 |
| Integrated Circuits | 343,186 | 390,509 | 406,918 | 24.0 | 13.8 | 4.2 |
| Analog | 53,070 | 58,095 | 61,044 | 10.9 | 9.5 | 5.1 |
| Micro | 63,934 | 66,152 | 68,582 | 5.5 | 3.5 | 3.7 |
| Logic | 102,209 | 109,476 | 114,747 | 11.7 | 7.1 | 4.8 |
| Memory | 123,974 | 156,786 | 162,545 | 61.5 | 26.5 | 3.7 |
| Total Products - \$M | 412,221 | 463,412 | 483,719 | 21.6 | 12.4 | 4.4 |

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.