



FOR IMMEDIATE RELEASE:

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Worldwide Semiconductor Market is expected to be up over six percent in 2017 after a record year in 2016.

WSTS has published the 2016 semiconductor market figures and re-calculated the Fall 2016 Forecast using the actual figures of the fourth quarter 2016.

The Worldwide semiconductor market was up 1.1% in 2016 to US\$338.9 billion, an all-time high. The year 2017 is forecasted to be strong with 6.5% growth to US\$361 billion. 2018 is forecasted to be up another 2.3% to US\$369 billion.

During 2017 the largest growth is expected across sensors, analog, and memory with all products contributing to positive growth. All regions are forecasted to return to growth in 2017 as well.

About WSTS:

World Semiconductor Trade Statistics (WSTS), founded in 1986 as a non-profit organization of semiconductor product companies, is the singular source for monthly industry shipment statistics.

For more information, please visit the web site at www.wsts.org

WSTS Forecast Summary

By replacing the Q4 2016 forecast figures with Q4 2016 actual results, the forecast of the annual growth rates is updated from the 2016 Fall Forecast, published on November 29, 2016.

| Autumn 2016 - Q4 update | Amounts in US\$M | | | | Year on Year Growth in % | | | |
|-----------------------------|------------------|----------------|----------------|----------------|--------------------------|------------|------------|------------|
| | 2015 | 2016 | 2017 | 2018 | 2015 | 2016 | 2017 | 2018 |
| Americas | 68,738 | 65,537 | 72,173 | 74,102 | -0.8 | -4.7 | 10.1 | 2.7 |
| Europe | 34,258 | 32,707 | 33,892 | 34,636 | -8.5 | -4.5 | 3.6 | 2.2 |
| Japan | 31,102 | 32,292 | 33,608 | 34,200 | -10.7 | 3.8 | 4.1 | 1.8 |
| Asia Pacific | 201,070 | 208,395 | 221,230 | 226,113 | 3.5 | 3.6 | 6.2 | 2.2 |
| Total World - \$M | 335,168 | 338,931 | 360,903 | 369,050 | -0.2 | 1.1 | 6.5 | 2.3 |
| Discrete Semiconductors | 18,612 | 19,418 | 20,023 | 20,674 | -7.7 | 4.3 | 3.1 | 3.2 |
| Optoelectronics | 33,256 | 31,994 | 32,679 | 32,241 | 11.3 | -3.8 | 2.1 | -1.3 |
| Sensors | 8,816 | 10,821 | 11,797 | 12,394 | 3.7 | 22.7 | 9.0 | 5.1 |
| Integrated Circuits | 274,484 | 276,698 | 296,404 | 303,741 | -1.0 | 0.8 | 7.1 | 2.5 |
| Analog | 45,228 | 47,848 | 51,570 | 53,315 | 1.9 | 5.8 | 7.8 | 3.4 |
| Micro | 61,298 | 60,585 | 61,106 | 62,281 | -1.2 | -1.2 | 0.9 | 1.9 |
| Logic | 90,753 | 91,498 | 97,154 | 98,975 | -1.0 | 0.8 | 6.2 | 1.9 |
| Memory | 77,205 | 76,767 | 86,574 | 89,170 | -2.6 | -0.6 | 12.8 | 3.0 |
| Total Products - \$M | 335,168 | 338,931 | 360,903 | 369,050 | -0.2 | 1.1 | 6.5 | 2.3 |

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.