



European Semiconductor Industry Association

Brussels, 1<sup>st</sup> of December 2015

**FOR IMMEDIATE RELEASE**

## **WSTS SEMICONDUCTOR MARKET TO KEEP STEADY GROWTH UNTIL 2017**

**Worldwide Semiconductor Market is forecasted to be US\$336 billion in 2015, up 0.2% from 2014.**

The World Semiconductor Trade Statistics (WSTS) has released its new semiconductor market forecast generated in November 2015, the European Semiconductor Industry Association (ESIA) reported on 1<sup>st</sup> of December 2015.

WSTS expects the world semiconductor market to show flattish growth of 0.2% to \$336 billion in 2015. For 2015, growth in Optoelectronics (12.1%), Sensors (3.4%), and Analog (2.5%) is expected to be partially offset by declines in Discrete (-6.8%), Micro (-1.5%), Logic (-1.6%), and Memory (-1%).

By geography, for 2015, growth in Asia-Pacific is expected to be offset by declines in Americas, Europe and Japan. Europe and Japan will show a decline in 2015 at the US\$ based forecast, which is mainly based on the current FX effect between the Euro/USD and Yen/USD.

The semiconductor market growth in 2015 is expected to be driven by Analog Signal Converters (up 17%), Communications Analog (up 9%), 32b MCU (up 14%), Automotive DSP (up 28%), Display Drivers (up 12%), Touch Screen Controllers (up 31%), Communications Logic/short range (up 13%), Optoelectronics (up 12%) and Actuators (up 10%).

**Worldwide Semiconductor Market is expected to grow moderately in 2016 and 2017.**

For 2016, all major product categories (excluding memory) and all regions (except Europe) are forecasted to grow.

For 2017, all major product categories and regions are forecasted to grow with the assumption of a rebound in the macro economy throughout the forecast period.

As a result, the worldwide semiconductor market is forecasted to be up 1.4% to \$341 billion in 2016 and up 3.1% to \$352 billion in 2017, respectively.

*ESIA is an Industry Association of:*

**EECA** : European Electronic Component manufacturers' Association

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By end application, automotive and wireless communications are projected to grow faster than the total market, whereas consumer and computer are expected to grow slower than the total market.

By region, a positive growth rate is projected for all regions in 2017. The Americas region is expected to show the highest growth rate for 2016 and 2017 and is expected to reach \$71 billion in 2016, which is a 21% share of the total semiconductor market.

## WSTS Forecast Summary

From the autumn 2015 Forecast Meeting, held in Hong Kong, November 17 to 19, 2015.

Autumn 2015	Amounts in US\$M				Year on Year Growth in %			
	2014	2015	2016	2017	2014	2015	2016	2017
<b>Americas</b>	69,324	68,930	70,516	73,072	12.7	-0.6	2.3	3.6
<b>Europe</b>	37,459	34,388	34,355	35,331	7.4	-8.2	-0.1	2.8
<b>Japan</b>	34,830	31,251	31,564	32,203	0.1	-10.3	1.0	2.0
<b>Asia Pacific</b>	194,230	201,823	204,576	210,990	11.4	3.9	1.4	3.1
<b>Total World - \$M</b>	335,843	336,392	341,011	351,596	9.9	0.2	1.4	3.1
<b>Discrete Semiconductors</b>	20,170	18,794	18,902	19,584	10.8	-6.8	0.6	3.6
<b>Optoelectronics</b>	29,868	33,493	35,269	36,895	8.3	12.1	5.3	4.6
<b>Sensors</b>	8,502	8,789	9,024	9,366	5.8	3.4	2.7	3.8
<b>Integrated Circuits</b>	277,302	275,316	277,816	285,752	10.1	-0.7	0.9	2.9
Analog	44,365	45,483	47,027	48,953	10.6	2.5	3.4	4.1
Micro	62,072	61,170	63,047	64,474	5.8	-1.5	3.1	2.3
Logic	91,633	90,212	91,753	93,785	6.6	-1.6	1.7	2.2
Memory	79,232	78,450	75,989	78,539	18.2	-1.0	-3.1	3.4
<b>Total Products - \$M</b>	335,843	336,392	341,011	351,596	9.9	0.2	1.4	3.1

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 Semi-conductor 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. For more information, please visit the website at [www.eeca.be/esia/home](http://www.eeca.be/esia/home)

### 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](http://www.wsts.org)