



European Semiconductor Industry Association

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FOR IMMEDIATE RELEASE

Worldwide semiconductor market is expected to be down 12.8 percent in 2019, recovering by 5.9 percent in 2020

Worldwide semiconductor market is forecasted to be US\$ 409 billion in 2019 – a decrease of 12.8 percent from 2018.

The World Semiconductor Trade Statistics (WSTS) has released its new semiconductor market forecast generated in November 2019.

WSTS expects the world semiconductor market to be down in 2019 to US\$ 409 billion. This represents decrease of 12.8 percent. This reflects expected decrease in almost all major categories, with an extraordinary decrease from Memory at 33.0 percent followed by Analog with 7.9 percent and Logic with 4.3 percent. In 2019, all geographical regions are expected to decrease.

Worldwide Semiconductor Market is expected to recover in 2020

For 2020, all regions are forecasted to grow with the overall market up 5.9 percent, with Optoelectronics contributing the highest growth followed by Logic.

ESIA is an Industry Association of:

EECA : European Electronic Component Manufacturers' Association

Rue de la Duchesse 11/13, B-1150 Brussels

Tel: +32 2 290 36 60 · Fax: +32 2 290 36 65 · E-mail: secretariat@eusemiconductors.eu · Web: www.eusemiconductors.eu

EECA is registered in the EU Transparency Registry: 22092908193-23

WSTS forecast summary

From the fall 2019 Forecast Meeting, held November 19 to 21, 2019:

Autumn 2019	Amounts in US\$M			Year on Year Growth in %		
	2018	2019	2020	2018	2019	2020
Americas	102,997	75,469	80,775	16.4	-26.7	7.0
Europe	42,957	40,008	40,913	12.1	-6.9	2.3
Japan	39,961	35,536	36,654	9.2	-11.1	3.1
Asia Pacific	282,863	257,974	274,686	13.7	-8.8	6.5
Total World - \$M	468,778	408,988	433,027	13.7	-12.8	5.9
Discrete Semiconductors	24,102	23,960	24,874	11.3	-0.6	3.8
Optoelectronics	38,032	41,056	46,168	9.2	7.9	12.5
Sensors	13,356	13,623	14,355	6.2	2.0	5.4
Integrated Circuits	393,288	330,350	347,630	14.6	-16.0	5.2
Analog	58,785	54,151	57,002	10.8	-7.9	5.3
Micro	67,233	65,674	68,879	5.2	-2.3	4.9
Logic	109,303	104,617	111,463	6.9	-4.3	6.5
Memory	157,967	105,907	110,286	27.4	-33.0	4.1
Total Products - \$M	468,778	408,988	433,027	13.7	-12.8	5.9

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

Giovanni Corder
ESIA Trade & Statistics Manager

Elise Lafond
WSTS Europe

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/>*