

# 2018 Top 5 Analog and Mixed Signal Device Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

<https://marketpublishers.com/r/2BE35FF5910EN.html>

Date: June 2018

Pages: 147

Price: US\$ 4,960.00 (Single User License)

ID: 2BE35FF5910EN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The semiconductor industry is broadly divided into analog and digital semiconductor products. Analog semiconductors condition and regulate “real world” functions such as temperature, speed, sound and electrical current. Digital semiconductors process binary information, such as that used by computers. Mixed-signal devices incorporate both analog and digital functions into a single chip and provide the ability for digital electronics to interface with the outside world.

The market for analog and mixed-signal semiconductors differs from the market for digital semiconductors. The analog and mixed-signal industry is typically characterized by longer product life cycles than the digital industry. In addition, analog semiconductor manufacturers tend to have lower capital investment requirements for manufacturing because their facilities tend to be less dependent than digital producers on state-of-the-art production equipment to manufacture leading edge process technologies.

The end-product markets for analog and mixed-signal semiconductors are more varied and more specialized than the relatively standardized digital semiconductor product markets.

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product markets for analog and mixed-signal semiconductors are more varied and more specialized than the relatively standardized digital semiconductor product markets.

Manufacturing delays and price increases may result in customers reducing their purchase levels and/or seeking alternative solutions to meet their demand. And the variability of manufacturing yields may affect gross margins and profits of Analog and Mixed Signal Device manufacturers. For most companies, manufacturing yields vary significantly among products, depending on the complexity of a particular product's design and experience in manufacturing that type of product.

Over the next five years, LPI(LP Information) projects that Analog and Mixed Signal Device will register a 4.2% CAGR in terms of revenue, reach US\$ 66000 million by 2023, from US\$ 51400 million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

NXP

ST

Renesas

TI

ON Semiconductor

Freescale

ADI

Maxim Integrated

Microsemi Corporation

Fairchild

Cirrus Logic

Infineon

Silicon-Labs

Intersil

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

Asia-Pacific (China, Japan, Southeast Asia, India and Korea)

Europe (Germany, UK, France, Italy and Russia etc.)

South America (Brazil, Chile, Peru and Argentina)

Middle East and Africa (Egypt, South Africa, Saudi Arabia)

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

General Purpose Analog

Mixed Signal Application-specific Standard Product

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Consumer Electronics

Automobile

Telecom

Military & Aerospace

Industrial Electronics

Medical

Others

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