

Global Mixed Signal IC Market Size study by Type (Mixed Signal SoC, Microcontroller, and Data Converter) and End Use (Consumer Electronics, Medical & Healthcare, Telecommunication, Automotive, and Military & Defense) and Regional Forecasts 2020-2027

<https://marketpublishers.com/r/G5D8F493F82FEN.html>

Date: February 2021

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G5D8F493F82FEN

Abstracts

Global Mixed Signal IC Market is valued approximately USD 94.10billion in 2019 and is anticipated to grow with a healthy growth rate of more than 6.6 % over the forecast period 2020-2027. A mixture of analog and digital ICs is a mixed signal IC. An integrated circuit that has both analog and digital circuits on a single semiconductor die is a mixed signal IC. Mixed signal ICs are commonly used for applications in consumer electronics. Thus, the development of mixed signal ICs has increased the penetration of cell phones and other portable electronic devices significantly. Due to the rapid growth of consumer electronics, telecommunications, and other industries, the use of mixed signal ICs in cell phones and electronic devices is on the rise. Further, there is a massive market for 5G technology for high frequency switching circuits. In mixed signal ICs, these switching circuits are used more frequently. Also, as per statista, In 2020, consumer electronics applications are forecast to make up about 22.6 percent of the global 5G infrastructure market. The popularity of mixed signal ICs has been enhanced by the introduction of 5G technology and other wireless technologies. The losses and distortions increase at higher frequencies. This generates the need for specific methods that are available in mixed signal ICs. In addition, in the consumer electronics industry, mixed signal IC markets find large applications, where they are deployed in cell phones, led drivers, laptops, notebooks, and other electronic devices. For Instance: Mixed signal ICs are used for analyzing and measuring instruments such as spectrum analyzers, optical oscilloscopes, precision measurement, and weighing. Mixed signal ICs enable

manufacturers to design high-precision components and devices in the electronics industry, which are in high demand from OEMs. As the data processing rate is high while retaining increased precision, the role of mixed signal ICs in test and measurement systems is important. Mixed signal ICs often allow analog signals to be converted into a digital image/signal that assists in accurate decision-making which further leads to create more demand for Global Mixed Signal IC Market. However, designing and manufacturing difficulty impedes the growth of the market over the forecast period of 2020-2027. Also, with the increasing prevalence of injuries, the adoption & demand for Mixed Signal IC is likely to increase thus, creates an opportunity for the market.

The regional analysis of global Mixed Signal IC market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. Asia Pacific is the leading/significant region across the world in terms of market share owing to the broad customer base in the developing countries of the region for consumer electronic devices such as smart TVs and smartphones and the presence of major suppliers of electronic devices are driving the growth of the market in this region. Whereas, North America is also anticipated to exhibit highest growth rate / CAGR over the forecast period 2020-2027. Factors such as rising disposable income, and increasing demand for Mixed Signal IC would create lucrative growth prospects for the Mixed Signal IC market across the region.

Major market player included in this report are:

Analog Devices

Broadcom Inc.

Cypress Semiconductor Corporation

Dialog Semiconductor

Ensilica Ltd.

NXP Semiconductor

Renesas Electronics Corporation

STMicroelectronics

Telephonics Corporation

Texas Instrument.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors &

challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Mixed Signal SoC

Microcontroller

Data Converter

By End Use:

Consumer Electronics

Medical & Healthcare

Telecommunication

Automotive

Military & Defense

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Global Mixed Signal IC Market Size study by Type (Mixed Signal SoC, Microcontroller, and Data Converter) and E...

Historical year – 2017, 2018

Base year – 2019

Forecast period – 2020 to 2027

Target Audience of the Global Mixed Signal IC Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2018-2027 (USD Billion)
 - 1.2.1. Mixed Signal IC Market, by Region, 2018-2027 (USD Billion)
 - 1.2.2. Mixed Signal IC Market, by Type, 2018-2027 (USD Billion)
 - 1.2.3. Mixed Signal IC Market, by End Use, 2018-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL MIXED SIGNAL IC MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL MIXED SIGNAL IC MARKET DYNAMICS

- 3.1. Mixed Signal IC Market Impact Analysis (2018-2027)
 - 3.1.1. Market Drivers
 - 3.1.2. Market Challenges
 - 3.1.3. Market Opportunities

CHAPTER 4. GLOBAL MIXED SIGNAL IC MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2017-2027)
- 4.2. PEST Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL MIXED SIGNAL IC MARKET, BY TYPE

- 5.1. Market Snapshot
- 5.2. Global Mixed Signal IC Market by Type, Performance - Potential Analysis
- 5.3. Global Mixed Signal IC Market Estimates & Forecasts by Type 2017-2027 (USD Billion)
- 5.4. Mixed Signal IC Market, Sub Segment Analysis
 - 5.4.1. Mixed Signal SoC
 - 5.4.2. Microcontroller
 - 5.4.3. Data Converter

CHAPTER 6. GLOBAL MIXED SIGNAL IC MARKET, BY END USE

- 6.1. Market Snapshot
- 6.2. Global Mixed Signal IC Market by End Use, Performance - Potential Analysis
- 6.3. Global Mixed Signal IC Market Estimates & Forecasts by End Use 2017-2027 (USD Billion)
- 6.4. Mixed Signal IC Market, Sub Segment Analysis
 - 6.4.1. Consumer Electronics
 - 6.4.2. Medical & Healthcare
 - 6.4.3. Telecommunication
 - 6.4.4. Automotive
 - 6.4.5. Military & Defense

CHAPTER 7. GLOBAL MIXED SIGNAL IC MARKET, REGIONAL ANALYSIS

- 7.1. Mixed Signal IC Market, Regional Market Snapshot
- 7.2. North America Mixed Signal IC Market
 - 7.2.1. U.S. Mixed Signal IC Market
 - 7.2.1.1. Type breakdown estimates & forecasts, 2017-2027
 - 7.2.1.2. End Use breakdown estimates & forecasts, 2017-2027
 - 7.2.2. Canada Mixed Signal IC Market

- 7.3. Europe Mixed Signal IC Market Snapshot
 - 7.3.1. U.K. Mixed Signal IC Market
 - 7.3.2. Germany Mixed Signal IC Market
 - 7.3.3. France Mixed Signal IC Market
 - 7.3.4. Spain Mixed Signal IC Market
 - 7.3.5. Italy Mixed Signal IC Market
 - 7.3.6. Rest of Europe Mixed Signal IC Market
- 7.4. Asia-Pacific Mixed Signal IC Market Snapshot
 - 7.4.1. China Mixed Signal IC Market
 - 7.4.2. India Mixed Signal IC Market
 - 7.4.3. Japan Mixed Signal IC Market
 - 7.4.4. Australia Mixed Signal IC Market
 - 7.4.5. South Korea Mixed Signal IC Market
 - 7.4.6. Rest of Asia Pacific Mixed Signal IC Market
- 7.5. Latin America Mixed Signal IC Market Snapshot
 - 7.5.1. Brazil Mixed Signal IC Market
 - 7.5.2. Mexico Mixed Signal IC Market
- 7.6. Rest of The World Mixed Signal IC Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Top Market Strategies
- 8.2. Company Profiles
 - 8.2.1. Analog Devices
 - 8.2.1.1. Key Information
 - 8.2.1.2. Overview
 - 8.2.1.3. Financial (Subject to Data Availability)
 - 8.2.1.4. Product Summary
 - 8.2.1.5. Recent Developments
 - 8.2.2. Broadcom Inc.
 - 8.2.3. Cypress Semiconductor Corporation
 - 8.2.4. Dialog Semiconductor
 - 8.2.5. Ensilica Ltd.
 - 8.2.6. NXP Semiconductor
 - 8.2.7. Renesas Electronics Corporation
 - 8.2.8. STMicroelectronics
 - 8.2.9. Telephonics Corporation
 - 8.2.10. Texas Instrument.

CHAPTER 9. RESEARCH PROCESS

9.1. Research Process

9.1.1. Data Mining

9.1.2. Analysis

9.1.3. Market Estimation

9.1.4. Validation

9.1.5. Publishing

9.2. Research Attributes

9.3. Research Assumption

List Of Tables

LIST OF TABLES

- TABLE 1. Global Mixed Signal IC market, report scope
- TABLE 2. Global Mixed Signal IC market estimates & forecasts by Region 2017-2027 (USD Billion)
- TABLE 3. Global Mixed Signal IC market estimates & forecasts by Type 2017-2027 (USD Billion)
- TABLE 4. Global Mixed Signal IC market estimates & forecasts by End Use 2017-2027 (USD Billion)
- TABLE 5. Global Mixed Signal IC market by segment, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 6. Global Mixed Signal IC market by region, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 7. Global Mixed Signal IC market by segment, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 8. Global Mixed Signal IC market by region, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 9. Global Mixed Signal IC market by segment, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 10. Global Mixed Signal IC market by region, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 11. Global Mixed Signal IC market by segment, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 12. Global Mixed Signal IC market by region, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 13. Global Mixed Signal IC market by segment, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 14. Global Mixed Signal IC market by region, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 15. U.S. Mixed Signal IC market estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 16. U.S. Mixed Signal IC market estimates & forecasts by segment 2017-2027 (USD Billion)
- TABLE 17. U.S. Mixed Signal IC market estimates & forecasts by segment 2017-2027 (USD Billion)
- TABLE 18. Canada Mixed Signal IC market estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 19. Canada Mixed Signal IC market estimates & forecasts by segment

2017-2027 (USD Billion)

TABLE 20. Canada Mixed Signal IC market estimates & forecasts by segment

2017-2027 (USD Billion)

TABLE 21. UK Mixed Signal IC market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 22. UK Mixed Signal IC market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 23. UK Mixed Signal IC market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 24. Germany Mixed Signal IC market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 25. Germany Mixed Signal IC market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 26. Germany Mixed Signal IC market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 27. RoE Mixed Signal IC market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 28. RoE Mixed Signal IC market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 29. RoE Mixed Signal IC market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 30. China Mixed Signal IC market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 31. China Mixed Signal IC market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 32. China Mixed Signal IC market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 33. India Mixed Signal IC market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 34. India Mixed Signal IC market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 35. India Mixed Signal IC market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 36. Japan Mixed Signal IC market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 37. Japan Mixed Signal IC market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 38. Japan Mixed Signal IC market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 39. RoAPAC Mixed Signal IC market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 40. RoAPAC Mixed Signal IC market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 41. RoAPAC Mixed Signal IC market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 42. Brazil Mixed Signal IC market estimates & forecasts, 2017-2027 (USD
Billion)

TABLE 43. Brazil Mixed Signal IC market estimates & forecasts by segment 2017-2027
(USD Billion)

TABLE 44. Brazil Mixed Signal IC market estimates & forecasts by segment 2017-2027
(USD Billion)

TABLE 45. Mexico Mixed Signal IC market estimates & forecasts, 2017-2027 (USD
Billion)

TABLE 46. Mexico Mixed Signal IC market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 47. Mexico Mixed Signal IC market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 48. RoLA Mixed Signal IC market estimates & forecasts, 2017-2027 (USD
Billion)

TABLE 49. RoLA Mixed Signal IC market estimates & forecasts by segment 2017-2027
(USD Billion)

TABLE 50. RoLA Mixed Signal IC market estimates & forecasts by segment 2017-2027
(USD Billion)

TABLE 51. Row Mixed Signal IC market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 52. Row Mixed Signal IC market estimates & forecasts by segment 2017-2027
(USD Billion)

TABLE 53. Row Mixed Signal IC market estimates & forecasts by segment 2017-2027
(USD Billion)

TABLE 54. List of secondary sources, used in the study of global Mixed Signal IC
market

TABLE 55. List of primary sources, used in the study of global Mixed Signal IC market

TABLE 56. Years considered for the study

TABLE 57. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Mixed Signal IC market, research methodology
- FIG 2. Global Mixed Signal IC market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Mixed Signal IC market, key trends 2019
- FIG 5. Global Mixed Signal IC market, growth prospects 2020-2027
- FIG 6. Global Mixed Signal IC market, porters 5 force model
- FIG 7. Global Mixed Signal IC market, pest analysis
- FIG 8. Global Mixed Signal IC market, value chain analysis
- FIG 9. Global Mixed Signal IC market by segment, 2017 & 2027 (USD Billion)
- FIG 10. Global Mixed Signal IC market by segment, 2017 & 2027 (USD Billion)
- FIG 11. Global Mixed Signal IC market by segment, 2017 & 2027 (USD Billion)
- FIG 12. Global Mixed Signal IC market by segment, 2017 & 2027 (USD Billion)
- FIG 13. Global Mixed Signal IC market by segment, 2017 & 2027 (USD Billion)
- FIG 14. Global Mixed Signal IC market, regional snapshot 2017 & 2027
- FIG 15. North America Mixed Signal IC market 2017 & 2027 (USD Billion)
- FIG 16. Europe Mixed Signal IC market 2017 & 2027 (USD Billion)
- FIG 17. Asia pacific Mixed Signal IC market 2017 & 2027 (USD Billion)
- FIG 18. Latin America Mixed Signal IC market 2017 & 2027 (USD Billion)
- FIG 19. Global Mixed Signal IC market, company market share analysis (2019)

I would like to order

Product name: Global Mixed Signal IC Market Size study by Type (Mixed Signal SoC, Microcontroller, and Data Converter) and End Use (Consumer Electronics, Medical & Healthcare, Telecommunication, Automotive, and Military & Defense) and Regional Forecasts 2020-2027

Product link: <https://marketpublishers.com/r/G5D8F493F82FEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G5D8F493F82FEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970