A microcontroller is a small computer on a single integrated circuit. In modern terminology, it is similar to, but less sophisticated than, a system on a chip (SoC); an SoC may include a microcontroller as one of its components. A microcontroller contains one or more CPUs (processor cores) along with memory and programmable input/output peripherals. Microcontrollers are used in automatically controlled products and devices, such as automobile engine control systems, implantable medical devices, remote controls, office machines, appliances, power tools, toys and other embedded systems. By reducing the size and cost compared to a design that uses a separate microprocessor, memory, and input/output devices, microcontrollers make it economical to digitally control even more devices and processes.

The global AVR Series Single-Chip Microcomputer market was valued at xx million US$ in 2018 and will reach xx million US$ by the end of 2025, growing at a CAGR of xx% during 2019-2025.

This report focuses on AVR Series Single-Chip Microcomputer volume and value at global level, regional level and company level. From a global perspective, this report represents overall AVR Series Single-Chip Microcomputer market size by analyzing historical data and future prospect.

Regionally, this report categorizes the production, apparent consumption, export and import of AVR Series Single-Chip Microcomputer in North America, Europe, China, Japan, Southeast Asia and India.

For each manufacturer covered, this report analyzes their AVR Series Single-Chip Microcomputer manufacturing sites, capacity, production, ex-factory price, revenue and market share in global market.

The following manufacturers are covered:
Analog Devices Inc.
Texas Instruments
Infineon
NXP
Microchip
Atmel
ON Semiconductor
IDT (Integrated Device Technology)
STMicroelectronics
Toshiba
Zilog
Maxim Integrated
WIZnet
VORAGO Technologies
Cypress Semiconductor
Silicon Laboratories
GHI Electronics

Segment by Regions
North America
Europe
China
Japan
Southeast Asia
India

Segment by Type
4 Bit
8 Bit
16 Bit
32 Bit

Segment by Application
Communicate
Building
Industrial Automation
Medical
Others

Contents:
Table of Contents
Executive Summary
1 Industry Overview of AVR Series Single-Chip Microcomputer
   • 1.1 Definition of AVR Series Single-Chip Microcomputer
   • 1.2 AVR Series Single-Chip Microcomputer Segment by Type
     • 1.2.1 Global AVR Series Single-Chip Microcomputer Production Growth Rate Comparison by Types (2014-2025)
     • 1.2.2 4 Bit
1.2.3 8 Bit
1.2.4 16 Bit
1.2.5 32 Bit
1.3 AVR Series Single-Chip Microcomputer Segment by Applications
1.3.1 Global AVR Series Single-Chip Microcomputer Consumption Comparison by Applications (2014-2025)
1.3.2 Communicate
1.3.3 Building
1.3.4 Industrial Automation
1.3.5 Medical
1.3.6 Others
1.4 Global AVR Series Single-Chip Microcomputer Overall Market
1.4.1 Global AVR Series Single-Chip Microcomputer Revenue (2014-2025)
1.4.2 Global AVR Series Single-Chip Microcomputer Production (2014-2025)
1.4.3 North America AVR Series Single-Chip Microcomputer Status and Prospect (2014-2025)
1.4.4 Europe AVR Series Single-Chip Microcomputer Status and Prospect (2014-2025)
1.4.5 China AVR Series Single-Chip Microcomputer Status and Prospect (2014-2025)
1.4.6 Japan AVR Series Single-Chip Microcomputer Status and Prospect (2014-2025)
1.4.7 Southeast Asia AVR Series Single-Chip Microcomputer Status and Prospect (2014-2025)
1.4.8 India AVR Series Single-Chip Microcomputer Status and Prospect (2014-2025)

2 Manufacturing Cost Structure Analysis
2.1 Raw Material and Suppliers
2.2 Manufacturing Cost Structure Analysis of AVR Series Single-Chip Microcomputer
2.3 Manufacturing Process Analysis of AVR Series Single-Chip Microcomputer
2.4 Industry Chain Structure of AVR Series Single-Chip Microcomputer

3 Development and Manufacturing Plants Analysis of AVR Series Single-Chip Microcomputer
3.1 Capacity and Commercial Production Date
3.2 Global AVR Series Single-Chip Microcomputer Manufacturing Plants Distribution
3.3 Major Manufacturers Technology Source and Market Position of AVR Series Single-Chip Microcomputer
3.4 Recent Development and Expansion Plans

4 Key Figures of Major Manufacturers
4.1 AVR Series Single-Chip Microcomputer Production and Capacity Analysis
4.2 AVR Series Single-Chip Microcomputer Revenue Analysis
4.3 AVR Series Single-Chip Microcomputer Price Analysis
4.4 Market Concentration Degree

5 AVR Series Single-Chip Microcomputer Regional Market Analysis
5.1 AVR Series Single-Chip Microcomputer Production by Regions
5.1.1 Global AVR Series Single-Chip Microcomputer Production by Regions
5.1.2 Global AVR Series Single-Chip Microcomputer Revenue by Regions
5.2 AVR Series Single-Chip Microcomputer Consumption by Regions
5.3 North America AVR Series Single-Chip Microcomputer Market Analysis
5.3.1 North America AVR Series Single-Chip Microcomputer Production
5.3.2 North America AVR Series Single-Chip Microcomputer Revenue
5.3.3 Key Manufacturers in North America
5.3.4 North America AVR Series Single-Chip Microcomputer Import and Export
5.4 Europe AVR Series Single-Chip Microcomputer Market Analysis
5.4.1 Europe AVR Series Single-Chip Microcomputer Production
5.4.2 Europe AVR Series Single-Chip Microcomputer Revenue
5.4.3 Key Manufacturers in Europe
5.4.4 Europe AVR Series Single-Chip Microcomputer Import and Export
5.5 China AVR Series Single-Chip Microcomputer Market Analysis
5.5.1 China AVR Series Single-Chip Microcomputer Production
5.5.2 China AVR Series Single-Chip Microcomputer Revenue
5.5.3 Key Manufacturers in China
5.5.4 China AVR Series Single-Chip Microcomputer Import and Export
5.6 Japan AVR Series Single-Chip Microcomputer Market Analysis
5.6.1 Japan AVR Series Single-Chip Microcomputer Production
5.6.2 Japan AVR Series Single-Chip Microcomputer Revenue
5.6.3 Key Manufacturers in Japan
5.6.4 Japan AVR Series Single-Chip Microcomputer Import and Export
5.7 Southeast Asia AVR Series Single-Chip Microcomputer Market Analysis
5.7.1 Southeast Asia AVR Series Single-Chip Microcomputer Production
5.7.2 Southeast Asia AVR Series Single-Chip Microcomputer Revenue
5.7.3 Key Manufacturers in Southeast Asia
5.7.4 Southeast Asia AVR Series Single-Chip Microcomputer Import and Export
5.8 India AVR Series Single-Chip Microcomputer Market Analysis
5.8.1 India AVR Series Single-Chip Microcomputer Production
5.8.2 India AVR Series Single-Chip Microcomputer Revenue
5.8.3 Key Manufacturers in India
5.8.4 India AVR Series Single-Chip Microcomputer Import and Export

6 AVR Series Single-Chip Microcomputer Segment Market Analysis (by Type)
6.1 Global AVR Series Single-Chip Microcomputer Production by Type
6.2 Global AVR Series Single-Chip Microcomputer Revenue by Type
6.3 AVR Series Single-Chip Microcomputer Price by Type

7 AVR Series Single-Chip Microcomputer Segment Market Analysis (by Application)
7.1 Global AVR Series Single-Chip Microcomputer Consumption by Application

8 AVR Series Single-Chip Microcomputer Major Manufacturers Analysis
8.1 Analog Devices Inc.
   8.1.1 Analog Devices Inc. AVR Series Single-Chip Microcomputer Production Sites and Area Served
   8.1.2 Analog Devices Inc. Product Introduction, Application and Specification
   8.1.4 Main Business and Markets Served

8.2 Texas Instruments
   8.2.1 Texas Instruments AVR Series Single-Chip Microcomputer Production Sites and Area Served
   8.2.2 Texas Instruments Product Introduction, Application and Specification
   8.2.4 Main Business and Markets Served

8.3 Infineon
   8.3.1 Infineon AVR Series Single-Chip Microcomputer Production Sites and Area Served
   8.3.2 Infineon Product Introduction, Application and Specification
   8.3.4 Main Business and Markets Served

8.4 NXP
   8.4.1 NXP AVR Series Single-Chip Microcomputer Production Sites and Area Served
   8.4.2 NXP Product Introduction, Application and Specification
   8.4.4 Main Business and Markets Served

8.5 Microchip
   8.5.1 Microchip AVR Series Single-Chip Microcomputer Production Sites and Area Served
   8.5.2 Microchip Product Introduction, Application and Specification
   8.5.4 Main Business and Markets Served

8.6 Atmel
   8.6.1 Atmel AVR Series Single-Chip Microcomputer Production Sites and Area Served
   8.6.2 Atmel Product Introduction, Application and Specification
   8.6.4 Main Business and Markets Served

8.7 ON Semiconductor
   8.7.1 ON Semiconductor AVR Series Single-Chip Microcomputer Production Sites and Area Served
   8.7.2 ON Semiconductor Product Introduction, Application and Specification
   8.7.4 Main Business and Markets Served

8.8 IDT (Integrated Device Technology)
   8.8.1 IDT (Integrated Device Technology) AVR Series Single-Chip Microcomputer Production Sites and Area Served
   8.8.2 IDT (Integrated Device Technology) Product Introduction, Application and Specification
   8.8.4 Main Business and Markets Served

8.9 STMicroelectronics
   8.9.1 STMicroelectronics AVR Series Single-Chip Microcomputer Production Sites and Area Served
   8.9.2 STMicroelectronics Product Introduction, Application and Specification
   8.9.4 Main Business and Markets Served

8.10 Toshiba
   8.10.1 Toshiba AVR Series Single-Chip Microcomputer Production Sites and Area Served
   8.10.2 Toshiba Product Introduction, Application and Specification
   8.10.4 Main Business and Markets Served

8.11 ZILOG
8.12 Maxim Integrated
8.13 Wiznet
8.14 VORAGO Technologies
8.15 Cypress Semiconductor
8.16 Silicon Laboratories
8.17 GHI Electronics

9 Development Trend of Analysis of AVR Series Single-Chip Microcomputer Market

9.1 Global AVR Series Single-Chip Microcomputer Market Trend Analysis

9.2 AVR Series Single-Chip Microcomputer Regional Market Trend
   9.2.2 Europe AVR Series Single-Chip Microcomputer Forecast 2019-2025
   9.2.3 China AVR Series Single-Chip Microcomputer Forecast 2019-2025
   9.2.4 Japan AVR Series Single-Chip Microcomputer Forecast 2019-2025
   9.2.5 Southeast Asia AVR Series Single-Chip Microcomputer Forecast 2019-2025
   9.2.6 India AVR Series Single-Chip Microcomputer Forecast 2019-2025

9.3 AVR Series Single-Chip Microcomputer Market Trend (Product Type)
9.4 AVR Series Single-Chip Microcomputer Market Trend (Application)

10.1 Marketing Channel
   10.1.1 Direct Marketing
   10.1.2 Indirect Marketing

10.3 AVR Series Single-Chip Microcomputer Customers
11 Market Dynamics

- 11.1 Market Trends
- 11.2 Opportunities
- 11.3 Market Drivers
- 11.4 Challenges
- 11.5 Influence Factors

12 Conclusion

13 Appendix

- 13.1 Methodology/Research Approach
  - 13.1.1 Research Programs/Design
  - 13.1.2 Market Size Estimation
  - 13.1.3 Market Breakdown and Data Triangulation
- 13.2 Data Source
  - 13.2.1 Secondary Sources
  - 13.2.2 Primary Sources
- 13.3 Author List