

Global E-cigarette Microcontroller Unit (MCU) Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G1121CA5F7D9EN.html>

Date: May 2026

Pages: 126

Price: US\$ 4,480.00 (Single User License)

ID: G1121CA5F7D9EN

Abstracts

The global E-cigarette Microcontroller Unit (MCU) market size is expected to reach \$ 710 million by 2032, rising at a market growth of 6.3% CAGR during the forecast period (2026-2032).

E-cigarette Microcontroller Unit (MCU) is a programmable embedded control chip that serves as the central control unit in vaping devices, integrating a processor core, memory, and peripheral interfaces to execute firmware-based control over power output, battery management, airflow sensing, and safety mechanisms. Compared with highly integrated dedicated solutions, MCU-based architectures emphasize flexibility, enabling manufacturers to implement customizable functions, user interaction features, and iterative product upgrades across open and adjustable systems. In 2025, the capacity utilization rate was about 80%, and the average gross margin reached approximately 33%, reflecting stable operational efficiency and moderate profitability. Production in 2025 totaled 1,184 million units, with an average price of \$0.38 per unit. The upstream primarily consists of silicon wafers, photolithography machines, and etching/deposition equipment, with representative suppliers such as ASML, Tokyo Electron, Applied Materials, and Lam Research providing critical semiconductor tools and materials. The midstream focuses on MCU design, wafer fabrication, testing, and packaging processes, which determine chip performance, stability, and yield. The downstream applications are primarily electronic cigarettes, with key customers including RELX Technology, SMOK, Elf Bar, Innokin, Vuse, and SKE Technology.

E-cigarette Microcontroller Unit (MCU) is positioned at the core control layer of vaping devices, and its market trajectory is closely tied to the structural shift of electronic cigarettes toward intelligent and feature-rich systems. In open and high-end adjustable devices, MCUs enable precise power control, temperature regulation, and user-defined

settings, making them essential for product differentiation and enhanced user experience. As manufacturers increasingly integrate display modules, connectivity functions, and refined control algorithms, MCU-based architectures continue to capture value in segments that prioritize customization and performance. However, the dominance of highly integrated solutions in disposable and closed-system products constrains the overall penetration of standalone MCUs, leading to a more segmented market structure. From an industry perspective, MCU suppliers are gradually moving toward higher-value designs with stronger firmware capabilities and system integration, while facing ongoing pressure from rapid product iteration cycles and evolving regulatory requirements. As compliance, safety, and functionality standards continue to rise across major markets, demand for more capable and reliable control chips is expected to remain structurally supported, shaping a market defined more by technological depth than sheer volume expansion.

This report studies the global E-cigarette Microcontroller Unit (MCU) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for E-cigarette Microcontroller Unit (MCU) and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of E-cigarette Microcontroller Unit (MCU) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global E-cigarette Microcontroller Unit (MCU) total production and demand, 2021-2032, (Million Units)

Global E-cigarette Microcontroller Unit (MCU) total production value, 2021-2032, (USD Million)

Global E-cigarette Microcontroller Unit (MCU) production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Million Units), (based on production site)

Global E-cigarette Microcontroller Unit (MCU) consumption by region & country, CAGR, 2021-2032 & (Million Units)

U.S. VS China: E-cigarette Microcontroller Unit (MCU) domestic production, consumption, key domestic manufacturers and share

Global E-cigarette Microcontroller Unit (MCU) production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Million Units)

Global E-cigarette Microcontroller Unit (MCU) production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Million Units)

Global E-cigarette Microcontroller Unit (MCU) production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Million Units)

This report profiles key players in the global E-cigarette Microcontroller Unit (MCU) market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Holtek Semiconductor, China Micro, Nations Technologies, Chipsea Technologies, Shenzhen Bujuxing Microelectronics, Hangzhou Toll Microelectronic, Goertek Microelectronics, Sinhmicro, Shenzhen Hangshun Chip Technology Development, Enroo-tech, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World E-cigarette Microcontroller Unit (MCU) market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Million Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global E-cigarette Microcontroller Unit (MCU) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global E-cigarette Microcontroller Unit (MCU) Market, Segmentation by Type:

8-bit

32-bit

Global E-cigarette Microcontroller Unit (MCU) Market, Segmentation by Architecture:

Cortex-M4

Cortex-M0

Others

Global E-cigarette Microcontroller Unit (MCU) Market, Segmentation by Package:

SOP8/SOP16

QFN/DFN

Others

Global E-cigarette Microcontroller Unit (MCU) Market, Segmentation by Application:

Disposable E-cigarette

Rechargeable E-cigarette

Companies Profiled:

Holtek Semiconductor

China Micro

Nations Technologies

Chipsea Technologies

Shenzhen Bujuxing Microelectronics

Hangzhou Toll Microelectronic

Goertek Microelectronics

Sinhmicro

Shenzhen Hangshun Chip Technology Development

Enroo-tech

Shenzhen Han Qing Da Technology

Sonix Technology

Key Questions Answered:

1. How big is the global E-cigarette Microcontroller Unit (MCU) market?
2. What is the demand of the global E-cigarette Microcontroller Unit (MCU) market?
3. What is the year over year growth of the global E-cigarette Microcontroller Unit (MCU) market?
4. What is the production and production value of the global E-cigarette Microcontroller Unit (MCU) market?
5. Who are the key producers in the global E-cigarette Microcontroller Unit (MCU) market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 E-cigarette Microcontroller Unit (MCU) Introduction
- 1.2 World E-cigarette Microcontroller Unit (MCU) Supply & Forecast
 - 1.2.1 World E-cigarette Microcontroller Unit (MCU) Production Value (2021 & 2025 & 2032)
 - 1.2.2 World E-cigarette Microcontroller Unit (MCU) Production (2021-2032)
 - 1.2.3 World E-cigarette Microcontroller Unit (MCU) Pricing Trends (2021-2032)
- 1.3 World E-cigarette Microcontroller Unit (MCU) Production by Region (Based on Production Site)
 - 1.3.1 World E-cigarette Microcontroller Unit (MCU) Production Value by Region (2021-2032)
 - 1.3.2 World E-cigarette Microcontroller Unit (MCU) Production by Region (2021-2032)
 - 1.3.3 World E-cigarette Microcontroller Unit (MCU) Average Price by Region (2021-2032)
 - 1.3.4 North America E-cigarette Microcontroller Unit (MCU) Production (2021-2032)
 - 1.3.5 Europe E-cigarette Microcontroller Unit (MCU) Production (2021-2032)
 - 1.3.6 China E-cigarette Microcontroller Unit (MCU) Production (2021-2032)
 - 1.3.7 Japan E-cigarette Microcontroller Unit (MCU) Production (2021-2032)
 - 1.3.8 South Korea E-cigarette Microcontroller Unit (MCU) Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 E-cigarette Microcontroller Unit (MCU) Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 E-cigarette Microcontroller Unit (MCU) Major Market Trends

2 DEMAND SUMMARY

- 2.1 World E-cigarette Microcontroller Unit (MCU) Demand (2021-2032)
- 2.2 World E-cigarette Microcontroller Unit (MCU) Consumption by Region
 - 2.2.1 World E-cigarette Microcontroller Unit (MCU) Consumption by Region (2021-2026)
 - 2.2.2 World E-cigarette Microcontroller Unit (MCU) Consumption Forecast by Region (2027-2032)
- 2.3 United States E-cigarette Microcontroller Unit (MCU) Consumption (2021-2032)
- 2.4 China E-cigarette Microcontroller Unit (MCU) Consumption (2021-2032)
- 2.5 Europe E-cigarette Microcontroller Unit (MCU) Consumption (2021-2032)
- 2.6 Japan E-cigarette Microcontroller Unit (MCU) Consumption (2021-2032)

- 2.7 South Korea E-cigarette Microcontroller Unit (MCU) Consumption (2021-2032)
- 2.8 ASEAN E-cigarette Microcontroller Unit (MCU) Consumption (2021-2032)
- 2.9 India E-cigarette Microcontroller Unit (MCU) Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World E-cigarette Microcontroller Unit (MCU) Production Value by Manufacturer (2021-2026)
- 3.2 World E-cigarette Microcontroller Unit (MCU) Production by Manufacturer (2021-2026)
- 3.3 World E-cigarette Microcontroller Unit (MCU) Average Price by Manufacturer (2021-2026)
- 3.4 E-cigarette Microcontroller Unit (MCU) Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global E-cigarette Microcontroller Unit (MCU) Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for E-cigarette Microcontroller Unit (MCU) in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for E-cigarette Microcontroller Unit (MCU) in 2025
- 3.6 E-cigarette Microcontroller Unit (MCU) Market: Overall Company Footprint Analysis
 - 3.6.1 E-cigarette Microcontroller Unit (MCU) Market: Region Footprint
 - 3.6.2 E-cigarette Microcontroller Unit (MCU) Market: Company Product Type Footprint
 - 3.6.3 E-cigarette Microcontroller Unit (MCU) Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: E-cigarette Microcontroller Unit (MCU) Production Value Comparison
 - 4.1.1 United States VS China: E-cigarette Microcontroller Unit (MCU) Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: E-cigarette Microcontroller Unit (MCU) Production Value

Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: E-cigarette Microcontroller Unit (MCU) Production Comparison

4.2.1 United States VS China: E-cigarette Microcontroller Unit (MCU) Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: E-cigarette Microcontroller Unit (MCU) Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: E-cigarette Microcontroller Unit (MCU) Consumption Comparison

4.3.1 United States VS China: E-cigarette Microcontroller Unit (MCU) Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: E-cigarette Microcontroller Unit (MCU) Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based E-cigarette Microcontroller Unit (MCU) Manufacturers and Market Share, 2021-2026

4.4.1 United States Based E-cigarette Microcontroller Unit (MCU) Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production Value (2021-2026)

4.4.3 United States Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production (2021-2026)

4.5 China Based E-cigarette Microcontroller Unit (MCU) Manufacturers and Market Share

4.5.1 China Based E-cigarette Microcontroller Unit (MCU) Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production Value (2021-2026)

4.5.3 China Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production (2021-2026)

4.6 Rest of World Based E-cigarette Microcontroller Unit (MCU) Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based E-cigarette Microcontroller Unit (MCU) Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World E-cigarette Microcontroller Unit (MCU) Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 8-bit

5.2.2 32-bit

5.3 Market Segment by Type

5.3.1 World E-cigarette Microcontroller Unit (MCU) Production by Type (2021-2032)

5.3.2 World E-cigarette Microcontroller Unit (MCU) Production Value by Type (2021-2032)

5.3.3 World E-cigarette Microcontroller Unit (MCU) Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY ARCHITECTURE

6.1 World E-cigarette Microcontroller Unit (MCU) Market Size Overview by Architecture: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Architecture

6.2.1 Cortex-M4

6.2.2 Cortex-M0

6.2.3 Others

6.3 Market Segment by Architecture

6.3.1 World E-cigarette Microcontroller Unit (MCU) Production by Architecture (2021-2032)

6.3.2 World E-cigarette Microcontroller Unit (MCU) Production Value by Architecture (2021-2032)

6.3.3 World E-cigarette Microcontroller Unit (MCU) Average Price by Architecture (2021-2032)

7 MARKET ANALYSIS BY PACKAGE

7.1 World E-cigarette Microcontroller Unit (MCU) Market Size Overview by Package: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Package

7.2.1 SOP8/SOP16

7.2.2 QFN/DFN

7.2.3 Others

7.3 Market Segment by Package

7.3.1 World E-cigarette Microcontroller Unit (MCU) Production by Package

(2021-2032)

7.3.2 World E-cigarette Microcontroller Unit (MCU) Production Value by Package

(2021-2032)

7.3.3 World E-cigarette Microcontroller Unit (MCU) Average Price by Package

(2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World E-cigarette Microcontroller Unit (MCU) Market Size Overview by Application:
2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Disposable E-cigarette

8.2.2 Rechargeable E-cigarette

8.3 Market Segment by Application

8.3.1 World E-cigarette Microcontroller Unit (MCU) Production by Application

(2021-2032)

8.3.2 World E-cigarette Microcontroller Unit (MCU) Production Value by Application

(2021-2032)

8.3.3 World E-cigarette Microcontroller Unit (MCU) Average Price by Application

(2021-2032)

9 COMPANY PROFILES

9.1 Holtek Semiconductor

9.1.1 Holtek Semiconductor Details

9.1.2 Holtek Semiconductor Major Business

9.1.3 Holtek Semiconductor E-cigarette Microcontroller Unit (MCU) Product and Services

9.1.4 Holtek Semiconductor E-cigarette Microcontroller Unit (MCU) Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Holtek Semiconductor Recent Developments/Updates

9.1.6 Holtek Semiconductor Competitive Strengths & Weaknesses

9.2 China Micro

9.2.1 China Micro Details

9.2.2 China Micro Major Business

9.2.3 China Micro E-cigarette Microcontroller Unit (MCU) Product and Services

9.2.4 China Micro E-cigarette Microcontroller Unit (MCU) Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 China Micro Recent Developments/Updates

- 9.2.6 China Micro Competitive Strengths & Weaknesses
- 9.3 Nations Technologies
 - 9.3.1 Nations Technologies Details
 - 9.3.2 Nations Technologies Major Business
 - 9.3.3 Nations Technologies E-cigarette Microcontroller Unit (MCU) Product and Services
 - 9.3.4 Nations Technologies E-cigarette Microcontroller Unit (MCU) Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.3.5 Nations Technologies Recent Developments/Updates
 - 9.3.6 Nations Technologies Competitive Strengths & Weaknesses
- 9.4 Chipsea Technologies
 - 9.4.1 Chipsea Technologies Details
 - 9.4.2 Chipsea Technologies Major Business
 - 9.4.3 Chipsea Technologies E-cigarette Microcontroller Unit (MCU) Product and Services
 - 9.4.4 Chipsea Technologies E-cigarette Microcontroller Unit (MCU) Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.4.5 Chipsea Technologies Recent Developments/Updates
 - 9.4.6 Chipsea Technologies Competitive Strengths & Weaknesses
- 9.5 Shenzhen Bujuxing Microelectronics
 - 9.5.1 Shenzhen Bujuxing Microelectronics Details
 - 9.5.2 Shenzhen Bujuxing Microelectronics Major Business
 - 9.5.3 Shenzhen Bujuxing Microelectronics E-cigarette Microcontroller Unit (MCU) Product and Services
 - 9.5.4 Shenzhen Bujuxing Microelectronics E-cigarette Microcontroller Unit (MCU) Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 Shenzhen Bujuxing Microelectronics Recent Developments/Updates
 - 9.5.6 Shenzhen Bujuxing Microelectronics Competitive Strengths & Weaknesses
- 9.6 Hangzhou Toll Microelectronic
 - 9.6.1 Hangzhou Toll Microelectronic Details
 - 9.6.2 Hangzhou Toll Microelectronic Major Business
 - 9.6.3 Hangzhou Toll Microelectronic E-cigarette Microcontroller Unit (MCU) Product and Services
 - 9.6.4 Hangzhou Toll Microelectronic E-cigarette Microcontroller Unit (MCU) Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.6.5 Hangzhou Toll Microelectronic Recent Developments/Updates
 - 9.6.6 Hangzhou Toll Microelectronic Competitive Strengths & Weaknesses
- 9.7 Goertek Microelectronics
 - 9.7.1 Goertek Microelectronics Details

- 9.7.2 Goertek Microelectronics Major Business
- 9.7.3 Goertek Microelectronics E-cigarette Microcontroller Unit (MCU) Product and Services
- 9.7.4 Goertek Microelectronics E-cigarette Microcontroller Unit (MCU) Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.7.5 Goertek Microelectronics Recent Developments/Updates
- 9.7.6 Goertek Microelectronics Competitive Strengths & Weaknesses
- 9.8 Sinhmicro
 - 9.8.1 Sinhmicro Details
 - 9.8.2 Sinhmicro Major Business
 - 9.8.3 Sinhmicro E-cigarette Microcontroller Unit (MCU) Product and Services
 - 9.8.4 Sinhmicro E-cigarette Microcontroller Unit (MCU) Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 Sinhmicro Recent Developments/Updates
 - 9.8.6 Sinhmicro Competitive Strengths & Weaknesses
- 9.9 Shenzhen Hangshun Chip Technology Development
 - 9.9.1 Shenzhen Hangshun Chip Technology Development Details
 - 9.9.2 Shenzhen Hangshun Chip Technology Development Major Business
 - 9.9.3 Shenzhen Hangshun Chip Technology Development E-cigarette Microcontroller Unit (MCU) Product and Services
 - 9.9.4 Shenzhen Hangshun Chip Technology Development E-cigarette Microcontroller Unit (MCU) Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.9.5 Shenzhen Hangshun Chip Technology Development Recent Developments/Updates
 - 9.9.6 Shenzhen Hangshun Chip Technology Development Competitive Strengths & Weaknesses
- 9.10 Enroo-tech
 - 9.10.1 Enroo-tech Details
 - 9.10.2 Enroo-tech Major Business
 - 9.10.3 Enroo-tech E-cigarette Microcontroller Unit (MCU) Product and Services
 - 9.10.4 Enroo-tech E-cigarette Microcontroller Unit (MCU) Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.10.5 Enroo-tech Recent Developments/Updates
 - 9.10.6 Enroo-tech Competitive Strengths & Weaknesses
- 9.11 Shenzhen Han Qing Da Technology
 - 9.11.1 Shenzhen Han Qing Da Technology Details
 - 9.11.2 Shenzhen Han Qing Da Technology Major Business
 - 9.11.3 Shenzhen Han Qing Da Technology E-cigarette Microcontroller Unit (MCU) Product and Services

9.11.4 Shenzhen Han Qing Da Technology E-cigarette Microcontroller Unit (MCU) Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.11.5 Shenzhen Han Qing Da Technology Recent Developments/Updates

9.11.6 Shenzhen Han Qing Da Technology Competitive Strengths & Weaknesses

9.12 Sonix Technology

9.12.1 Sonix Technology Details

9.12.2 Sonix Technology Major Business

9.12.3 Sonix Technology E-cigarette Microcontroller Unit (MCU) Product and Services

9.12.4 Sonix Technology E-cigarette Microcontroller Unit (MCU) Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.12.5 Sonix Technology Recent Developments/Updates

9.12.6 Sonix Technology Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 E-cigarette Microcontroller Unit (MCU) Industry Chain

10.2 E-cigarette Microcontroller Unit (MCU) Upstream Analysis

10.2.1 E-cigarette Microcontroller Unit (MCU) Core Raw Materials

10.2.2 Main Manufacturers of E-cigarette Microcontroller Unit (MCU) Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 E-cigarette Microcontroller Unit (MCU) Production Mode

10.6 E-cigarette Microcontroller Unit (MCU) Procurement Model

10.7 E-cigarette Microcontroller Unit (MCU) Industry Sales Model and Sales Channels

10.7.1 E-cigarette Microcontroller Unit (MCU) Sales Model

10.7.2 E-cigarette Microcontroller Unit (MCU) Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World E-cigarette Microcontroller Unit (MCU) Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World E-cigarette Microcontroller Unit (MCU) Production Value by Region (2021-2026) & (USD Million)

Table 3. World E-cigarette Microcontroller Unit (MCU) Production Value by Region (2027-2032) & (USD Million)

Table 4. World E-cigarette Microcontroller Unit (MCU) Production Value Market Share by Region (2021-2026)

Table 5. World E-cigarette Microcontroller Unit (MCU) Production Value Market Share by Region (2027-2032)

Table 6. World E-cigarette Microcontroller Unit (MCU) Production by Region (2021-2026) & (Million Units)

Table 7. World E-cigarette Microcontroller Unit (MCU) Production by Region (2027-2032) & (Million Units)

Table 8. World E-cigarette Microcontroller Unit (MCU) Production Market Share by Region (2021-2026)

Table 9. World E-cigarette Microcontroller Unit (MCU) Production Market Share by Region (2027-2032)

Table 10. World E-cigarette Microcontroller Unit (MCU) Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World E-cigarette Microcontroller Unit (MCU) Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. E-cigarette Microcontroller Unit (MCU) Major Market Trends

Table 13. World E-cigarette Microcontroller Unit (MCU) Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Million Units)

Table 14. World E-cigarette Microcontroller Unit (MCU) Consumption by Region (2021-2026) & (Million Units)

Table 15. World E-cigarette Microcontroller Unit (MCU) Consumption Forecast by Region (2027-2032) & (Million Units)

Table 16. World E-cigarette Microcontroller Unit (MCU) Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key E-cigarette Microcontroller Unit (MCU) Producers in 2025

Table 18. World E-cigarette Microcontroller Unit (MCU) Production by Manufacturer (2021-2026) & (Million Units)

Table 19. Production Market Share of Key E-cigarette Microcontroller Unit (MCU) Producers in 2025

Table 20. World E-cigarette Microcontroller Unit (MCU) Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global E-cigarette Microcontroller Unit (MCU) Company Evaluation Quadrant

Table 22. World E-cigarette Microcontroller Unit (MCU) Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and E-cigarette Microcontroller Unit (MCU) Production Site of Key Manufacturer

Table 24. E-cigarette Microcontroller Unit (MCU) Market: Company Product Type Footprint

Table 25. E-cigarette Microcontroller Unit (MCU) Market: Company Product Application Footprint

Table 26. E-cigarette Microcontroller Unit (MCU) Competitive Factors

Table 27. E-cigarette Microcontroller Unit (MCU) New Entrant and Capacity Expansion Plans

Table 28. E-cigarette Microcontroller Unit (MCU) Mergers & Acquisitions Activity

Table 29. United States VS China E-cigarette Microcontroller Unit (MCU) Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China E-cigarette Microcontroller Unit (MCU) Production Comparison, (2021 & 2025 & 2032) & (Million Units)

Table 31. United States VS China E-cigarette Microcontroller Unit (MCU) Consumption Comparison, (2021 & 2025 & 2032) & (Million Units)

Table 32. United States Based E-cigarette Microcontroller Unit (MCU) Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production (2021-2026) & (Million Units)

Table 36. United States Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production Market Share (2021-2026)

Table 37. China Based E-cigarette Microcontroller Unit (MCU) Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production Value Market Share (2021-2026)

- Table 40. China Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production, (2021-2026) & (Million Units)
- Table 41. China Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production Market Share (2021-2026)
- Table 42. Rest of World Based E-cigarette Microcontroller Unit (MCU) Manufacturers, Headquarters and Production Site (State, Country)
- Table 43. Rest of World Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production Value, (2021-2026) & (USD Million)
- Table 44. Rest of World Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production Value Market Share (2021-2026)
- Table 45. Rest of World Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production, (2021-2026) & (Million Units)
- Table 46. Rest of World Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production Market Share (2021-2026)
- Table 47. World E-cigarette Microcontroller Unit (MCU) Production Value by Type, (USD Million), 2021 & 2025 & 2032
- Table 48. World E-cigarette Microcontroller Unit (MCU) Production by Type (2021-2026) & (Million Units)
- Table 49. World E-cigarette Microcontroller Unit (MCU) Production by Type (2027-2032) & (Million Units)
- Table 50. World E-cigarette Microcontroller Unit (MCU) Production Value by Type (2021-2026) & (USD Million)
- Table 51. World E-cigarette Microcontroller Unit (MCU) Production Value by Type (2027-2032) & (USD Million)
- Table 52. World E-cigarette Microcontroller Unit (MCU) Average Price by Type (2021-2026) & (US\$/Unit)
- Table 53. World E-cigarette Microcontroller Unit (MCU) Average Price by Type (2027-2032) & (US\$/Unit)
- Table 54. World E-cigarette Microcontroller Unit (MCU) Production Value by Architecture, (USD Million), 2021 & 2025 & 2032
- Table 55. World E-cigarette Microcontroller Unit (MCU) Production by Architecture (2021-2026) & (Million Units)
- Table 56. World E-cigarette Microcontroller Unit (MCU) Production by Architecture (2027-2032) & (Million Units)
- Table 57. World E-cigarette Microcontroller Unit (MCU) Production Value by Architecture (2021-2026) & (USD Million)
- Table 58. World E-cigarette Microcontroller Unit (MCU) Production Value by Architecture (2027-2032) & (USD Million)
- Table 59. World E-cigarette Microcontroller Unit (MCU) Average Price by Architecture

(2021-2026) & (US\$/Unit)

Table 60. World E-cigarette Microcontroller Unit (MCU) Average Price by Architecture (2027-2032) & (US\$/Unit)

Table 61. World E-cigarette Microcontroller Unit (MCU) Production Value by Package, (USD Million), 2021 & 2025 & 2032

Table 62. World E-cigarette Microcontroller Unit (MCU) Production by Package (2021-2026) & (Million Units)

Table 63. World E-cigarette Microcontroller Unit (MCU) Production by Package (2027-2032) & (Million Units)

Table 64. World E-cigarette Microcontroller Unit (MCU) Production Value by Package (2021-2026) & (USD Million)

Table 65. World E-cigarette Microcontroller Unit (MCU) Production Value by Package (2027-2032) & (USD Million)

Table 66. World E-cigarette Microcontroller Unit (MCU) Average Price by Package (2021-2026) & (US\$/Unit)

Table 67. World E-cigarette Microcontroller Unit (MCU) Average Price by Package (2027-2032) & (US\$/Unit)

Table 68. World E-cigarette Microcontroller Unit (MCU) Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World E-cigarette Microcontroller Unit (MCU) Production by Application (2021-2026) & (Million Units)

Table 70. World E-cigarette Microcontroller Unit (MCU) Production by Application (2027-2032) & (Million Units)

Table 71. World E-cigarette Microcontroller Unit (MCU) Production Value by Application (2021-2026) & (USD Million)

Table 72. World E-cigarette Microcontroller Unit (MCU) Production Value by Application (2027-2032) & (USD Million)

Table 73. World E-cigarette Microcontroller Unit (MCU) Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World E-cigarette Microcontroller Unit (MCU) Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. Holtek Semiconductor Basic Information, Manufacturing Base and Competitors

Table 76. Holtek Semiconductor Major Business

Table 77. Holtek Semiconductor E-cigarette Microcontroller Unit (MCU) Product and Services

Table 78. Holtek Semiconductor E-cigarette Microcontroller Unit (MCU) Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

- Table 79. Holtek Semiconductor Recent Developments/Updates
- Table 80. Holtek Semiconductor Competitive Strengths & Weaknesses
- Table 81. China Micro Basic Information, Manufacturing Base and Competitors
- Table 82. China Micro Major Business
- Table 83. China Micro E-cigarette Microcontroller Unit (MCU) Product and Services
- Table 84. China Micro E-cigarette Microcontroller Unit (MCU) Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 85. China Micro Recent Developments/Updates
- Table 86. China Micro Competitive Strengths & Weaknesses
- Table 87. Nations Technologies Basic Information, Manufacturing Base and Competitors
- Table 88. Nations Technologies Major Business
- Table 89. Nations Technologies E-cigarette Microcontroller Unit (MCU) Product and Services
- Table 90. Nations Technologies E-cigarette Microcontroller Unit (MCU) Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 91. Nations Technologies Recent Developments/Updates
- Table 92. Nations Technologies Competitive Strengths & Weaknesses
- Table 93. Chipsea Technologies Basic Information, Manufacturing Base and Competitors
- Table 94. Chipsea Technologies Major Business
- Table 95. Chipsea Technologies E-cigarette Microcontroller Unit (MCU) Product and Services
- Table 96. Chipsea Technologies E-cigarette Microcontroller Unit (MCU) Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 97. Chipsea Technologies Recent Developments/Updates
- Table 98. Chipsea Technologies Competitive Strengths & Weaknesses
- Table 99. Shenzhen Bujuxing Microelectronics Basic Information, Manufacturing Base and Competitors
- Table 100. Shenzhen Bujuxing Microelectronics Major Business
- Table 101. Shenzhen Bujuxing Microelectronics E-cigarette Microcontroller Unit (MCU) Product and Services
- Table 102. Shenzhen Bujuxing Microelectronics E-cigarette Microcontroller Unit (MCU) Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 103. Shenzhen Bujuxing Microelectronics Recent Developments/Updates

- Table 104. Shenzhen Bujuxing Microelectronics Competitive Strengths & Weaknesses
- Table 105. Hangzhou Toll Microelectronic Basic Information, Manufacturing Base and Competitors
- Table 106. Hangzhou Toll Microelectronic Major Business
- Table 107. Hangzhou Toll Microelectronic E-cigarette Microcontroller Unit (MCU) Product and Services
- Table 108. Hangzhou Toll Microelectronic E-cigarette Microcontroller Unit (MCU) Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 109. Hangzhou Toll Microelectronic Recent Developments/Updates
- Table 110. Hangzhou Toll Microelectronic Competitive Strengths & Weaknesses
- Table 111. Goertek Microelectronics Basic Information, Manufacturing Base and Competitors
- Table 112. Goertek Microelectronics Major Business
- Table 113. Goertek Microelectronics E-cigarette Microcontroller Unit (MCU) Product and Services
- Table 114. Goertek Microelectronics E-cigarette Microcontroller Unit (MCU) Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 115. Goertek Microelectronics Recent Developments/Updates
- Table 116. Goertek Microelectronics Competitive Strengths & Weaknesses
- Table 117. Sinhmicro Basic Information, Manufacturing Base and Competitors
- Table 118. Sinhmicro Major Business
- Table 119. Sinhmicro E-cigarette Microcontroller Unit (MCU) Product and Services
- Table 120. Sinhmicro E-cigarette Microcontroller Unit (MCU) Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 121. Sinhmicro Recent Developments/Updates
- Table 122. Sinhmicro Competitive Strengths & Weaknesses
- Table 123. Shenzhen Hangshun Chip Technology Development Basic Information, Manufacturing Base and Competitors
- Table 124. Shenzhen Hangshun Chip Technology Development Major Business
- Table 125. Shenzhen Hangshun Chip Technology Development E-cigarette Microcontroller Unit (MCU) Product and Services
- Table 126. Shenzhen Hangshun Chip Technology Development E-cigarette Microcontroller Unit (MCU) Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 127. Shenzhen Hangshun Chip Technology Development Recent Developments/Updates

- Table 128. Shenzhen Hangshun Chip Technology Development Competitive Strengths & Weaknesses
- Table 129. Enroo-tech Basic Information, Manufacturing Base and Competitors
- Table 130. Enroo-tech Major Business
- Table 131. Enroo-tech E-cigarette Microcontroller Unit (MCU) Product and Services
- Table 132. Enroo-tech E-cigarette Microcontroller Unit (MCU) Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 133. Enroo-tech Recent Developments/Updates
- Table 134. Enroo-tech Competitive Strengths & Weaknesses
- Table 135. Shenzhen Han Qing Da Technology Basic Information, Manufacturing Base and Competitors
- Table 136. Shenzhen Han Qing Da Technology Major Business
- Table 137. Shenzhen Han Qing Da Technology E-cigarette Microcontroller Unit (MCU) Product and Services
- Table 138. Shenzhen Han Qing Da Technology E-cigarette Microcontroller Unit (MCU) Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 139. Shenzhen Han Qing Da Technology Recent Developments/Updates
- Table 140. Shenzhen Han Qing Da Technology Competitive Strengths & Weaknesses
- Table 141. Sonix Technology Basic Information, Manufacturing Base and Competitors
- Table 142. Sonix Technology Major Business
- Table 143. Sonix Technology E-cigarette Microcontroller Unit (MCU) Product and Services
- Table 144. Sonix Technology E-cigarette Microcontroller Unit (MCU) Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 145. Sonix Technology Recent Developments/Updates
- Table 146. Sonix Technology Competitive Strengths & Weaknesses
- Table 147. Global Key Players of E-cigarette Microcontroller Unit (MCU) Upstream (Raw Materials)
- Table 148. Global E-cigarette Microcontroller Unit (MCU) Typical Customers
- Table 149. E-cigarette Microcontroller Unit (MCU) Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. E-cigarette Microcontroller Unit (MCU) Picture

Figure 2. World E-cigarette Microcontroller Unit (MCU) Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World E-cigarette Microcontroller Unit (MCU) Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World E-cigarette Microcontroller Unit (MCU) Production (2021-2032) & (Million Units)

Figure 5. World E-cigarette Microcontroller Unit (MCU) Average Price (2021-2032) & (US\$/Unit)

Figure 6. World E-cigarette Microcontroller Unit (MCU) Production Value Market Share by Region (2021-2032)

Figure 7. World E-cigarette Microcontroller Unit (MCU) Production Market Share by Region (2021-2032)

Figure 8. North America E-cigarette Microcontroller Unit (MCU) Production (2021-2032) & (Million Units)

Figure 9. Europe E-cigarette Microcontroller Unit (MCU) Production (2021-2032) & (Million Units)

Figure 10. China E-cigarette Microcontroller Unit (MCU) Production (2021-2032) & (Million Units)

Figure 11. Japan E-cigarette Microcontroller Unit (MCU) Production (2021-2032) & (Million Units)

Figure 12. South Korea E-cigarette Microcontroller Unit (MCU) Production (2021-2032) & (Million Units)

Figure 13. E-cigarette Microcontroller Unit (MCU) Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World E-cigarette Microcontroller Unit (MCU) Consumption (2021-2032) & (Million Units)

Figure 16. World E-cigarette Microcontroller Unit (MCU) Consumption Market Share by Region (2021-2032)

Figure 17. United States E-cigarette Microcontroller Unit (MCU) Consumption (2021-2032) & (Million Units)

Figure 18. China E-cigarette Microcontroller Unit (MCU) Consumption (2021-2032) & (Million Units)

Figure 19. Europe E-cigarette Microcontroller Unit (MCU) Consumption (2021-2032) & (Million Units)

Figure 20. Japan E-cigarette Microcontroller Unit (MCU) Consumption (2021-2032) & (Million Units)

Figure 21. South Korea E-cigarette Microcontroller Unit (MCU) Consumption (2021-2032) & (Million Units)

Figure 22. ASEAN E-cigarette Microcontroller Unit (MCU) Consumption (2021-2032) & (Million Units)

Figure 23. India E-cigarette Microcontroller Unit (MCU) Consumption (2021-2032) & (Million Units)

Figure 24. Producer Shipments of E-cigarette Microcontroller Unit (MCU) by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 25. Global Four-firm Concentration Ratios (CR4) for E-cigarette Microcontroller Unit (MCU) Markets in 2025

Figure 26. Global Four-firm Concentration Ratios (CR8) for E-cigarette Microcontroller Unit (MCU) Markets in 2025

Figure 27. United States VS China: E-cigarette Microcontroller Unit (MCU) Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: E-cigarette Microcontroller Unit (MCU) Production Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: E-cigarette Microcontroller Unit (MCU) Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production Market Share 2025

Figure 31. China Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production Market Share 2025

Figure 32. Rest of World Based Manufacturers E-cigarette Microcontroller Unit (MCU) Production Market Share 2025

Figure 33. World E-cigarette Microcontroller Unit (MCU) Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 34. World E-cigarette Microcontroller Unit (MCU) Production Value Market Share by Type in 2025

Figure 35. 8-bit

Figure 36. 32-bit

Figure 37. World E-cigarette Microcontroller Unit (MCU) Production Market Share by Type (2021-2032)

Figure 38. World E-cigarette Microcontroller Unit (MCU) Production Value Market Share by Type (2021-2032)

Figure 39. World E-cigarette Microcontroller Unit (MCU) Average Price by Type (2021-2032) & (US\$/Unit)

Figure 40. World E-cigarette Microcontroller Unit (MCU) Production Value by

Architecture, (USD Million), 2021 & 2025 & 2032

Figure 41. World E-cigarette Microcontroller Unit (MCU) Production Value Market Share by Architecture in 2025

Figure 42. Cortex-M4

Figure 43. Cortex-M0

Figure 44. Others

Figure 45. World E-cigarette Microcontroller Unit (MCU) Production Market Share by Architecture (2021-2032)

Figure 46. World E-cigarette Microcontroller Unit (MCU) Production Value Market Share by Architecture (2021-2032)

Figure 47. World E-cigarette Microcontroller Unit (MCU) Average Price by Architecture (2021-2032) & (US\$/Unit)

Figure 48. World E-cigarette Microcontroller Unit (MCU) Production Value by Package, (USD Million), 2021 & 2025 & 2032

Figure 49. World E-cigarette Microcontroller Unit (MCU) Production Value Market Share by Package in 2025

Figure 50. SOP8/SOP16

Figure 51. QFN/DFN

Figure 52. Others

Figure 53. World E-cigarette Microcontroller Unit (MCU) Production Market Share by Package (2021-2032)

Figure 54. World E-cigarette Microcontroller Unit (MCU) Production Value Market Share by Package (2021-2032)

Figure 55. World E-cigarette Microcontroller Unit (MCU) Average Price by Package (2021-2032) & (US\$/Unit)

Figure 56. World E-cigarette Microcontroller Unit (MCU) Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 57. World E-cigarette Microcontroller Unit (MCU) Production Value Market Share by Application in 2025

Figure 58. Disposable E-cigarette

Figure 59. Rechargeable E-cigarette

Figure 60. World E-cigarette Microcontroller Unit (MCU) Production Market Share by Application (2021-2032)

Figure 61. World E-cigarette Microcontroller Unit (MCU) Production Value Market Share by Application (2021-2032)

Figure 62. World E-cigarette Microcontroller Unit (MCU) Average Price by Application (2021-2032) & (US\$/Unit)

Figure 63. E-cigarette Microcontroller Unit (MCU) Industry Chain

Figure 64. E-cigarette Microcontroller Unit (MCU) Procurement Model

Figure 65. E-cigarette Microcontroller Unit (MCU) Sales Model

Figure 66. E-cigarette Microcontroller Unit (MCU) Sales Channels, Direct Sales, and Distribution

Figure 67. Methodology

Figure 68. Research Process and Data Source

I would like to order

Product name: Global E-cigarette Microcontroller Unit (MCU) Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G1121CA5F7D9EN.html>

Price: US\$ 4,480.00 (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/G1121CA5F7D9EN.html>