

Smart Card IC Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

The future of the smart card integrated circuit (IC) market looks attractive with opportunities in telecommunication, payment and banking, transportation, e-government, and others. The global smart card IC market is expected to reach an estimated \$3.6 billion by 2027 with a CAGR of 3.5% from 2021 to 2027. The major drivers for the growth of this market are increasing usage of Subscriber Identification Module (SIM) cards for mobile phones, growing adoption of electronic identification cards for various e-governance projects, and increasing usage of smart cards in payment and banking industries.

Emerging Trends in the Global Smart Card IC Market

Emerging trends, which have a direct impact on the dynamics of the industry, include the development of smart card IC that can provide more security and integration of smart cards with biometrics.

A total of 65 figures/charts and 57 tables are provided in this 131-page report to help in your business decisions. A sample figure with insights is shown below. To learn the scope of benefits, companies researched, and other details of the Global Smart Card IC Market report, please download the report brochure.

Global Smart Card IC Market by Segment

The study includes a forecast for the global smart card IC Market by card type, interface type, by end use industry, and region as follows:

By Card Type [\$B shipment analysis from 2016 to 2027]:

Microcontroller

Memory

By Type of Interface [\$B shipment analysis from 2016 to 2027]:

Contact

Contactless

Others

By End Use Industry [\$B shipment analysis from 2016 to 2027]:

E-Government

Telecommunication

Transportation

Payment and Banking

Others

By Region [\$B shipment analysis for 2016 – 2027]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

China

India

The Rest of the World

List of Global Smart Card IC Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their new product developments, partnerships, mergers & acquisition, and leverage integration opportunities across the value chain. With these strategies smart card IC companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the smart card IC companies profiled in this report include.

Infineon Technologies AG

NXP Semiconductor N.V.

Samsung

STMicroelectronics

CEC Huada Electronic Design Co., Ltd.

EM Microelectronic-Marin SA

On Semiconductor Corporation

Global Smart Card IC Market Insight

Lucintel forecasts that microcontroller based smart card IC will remain the largest type, and it is expected to witness the highest growth during the forecast period as it enables secure payment facilities, authentication, and information storage for consumers.

Telecommunication will remain the largest application over the forecast period.

Asia Pacific will remain the largest region and it is also expected to witness highest growth over the forecast period.

Features of Global Smart Card IC Market

Market Size Estimates:Global smart card IC market size estimation in terms of value (\$B)

Trend and Forecast Analysis:Market trends (2016-2021) and forecast (2022-2027) by various segments and regions.

Segmentation Analysis:Market size by interface type, card type, y end use industry and region

Regional Analysis:Global smart card IC market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities:Analysis of growth opportunities in interface type, card type, y end use industry and region

Strategic Analysis:This includes M&A, new product development, and competitive landscape for the global smart card IC market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the global smart card IC market size?

Answer: The global smart card IC market is expected to reach an estimated \$3.6 billion by 2027

Q2. What is the growth forecast for global smart card IC market?

Answer: The Global smart card IC market is expected to grow at a CAGR of 3.5% from 2021 to 2027.

Q3. What are the major drivers influencing the growth of the global smart card IC market?

Answer: The major drivers for the growth of this market are increasing usage of Subscriber Identification Module (SIM) cards for mobile phones, growing adoption of electronic identification cards for various e-governance projects, and increasing usage of smart cards in payment and banking industries.

Q4. What are the major applications or end use industries for global smart card IC market?

Answer: Telecommunication, Payment & Banking, E-Government are the major application for global smart card IC market.

Q5. What are the emerging trends in global smart card IC market?

Answer Emerging trends, which have a direct impact on the dynamics of the industry, include the development of smart card IC that can provide more security and integration of smart cards with biometrics.

Q6. Who are the key global smart card IC companies?

Answer: Some of the key global smart card IC companies are as follows:

Infineon Technologies AG

NXP Semiconductor N.V.

Samsung

STMicroelectronics

CEC Huada Electronic Design Co., Ltd.

EM Microelectronic-Marin SA

On Semiconductor Corporation

Q7. Which global smart card IC product segment will be the largest in future?

Answer: Lucintel forecasts that microcontroller based smart card IC will remain the largest type, and it is expected to witness the highest growth during the forecast period as it enables secure payment facilities, authentication, and information storage for consumers.

Q8. In Global smart card IC market, which region is expected to be the largest in next 5 years?

Answer: Asia Pacific is expected to remain the largest region and witness the highest growth over next 5 years

Q9. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1. What are some of the most promising, high-growth opportunities for the global smart card IC by Interface type (contact, contactless and others), by card type (memory and microcontroller), by end use industry (E-Government, telecommunication, transportation, payment and banking and others), and by region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which regions will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the drivers and challenges of the market?

Q.5. What are the business risks and threats to the market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are being implemented by key players for business growth?

Q.10. What are some of the competitive products and processes in this area and how big of a threat do they pose for loss of market share via product substitution?

Q.11. What M&A activity has occurred in the last 5 years?

For any questions related to smart card IC market or related to- smart card reader, smart cards, smart health card reader, smart chips, embedded card, smart card connector, smart chips, smart card IC companies, smart card IC market size, smart card IC market share, smart card IC analysis, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

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