

Global Position Encoding Chip Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G3F9D1F47A5DEN.html>

Date: January 2026

Pages: 141

Price: US\$ 3,480.00 (Single User License)

ID: G3F9D1F47A5DEN

Abstracts

According to our (Global Info Research) latest study, the global Position Encoding Chip market size was valued at US\$ 901 million in 2025 and is forecast to a readjusted size of US\$ 1369 million by 2032 with a CAGR of 6.2% during review period.

A position encoding chip is a special-purpose integrated circuit (ASIC) used to convert the linear or rotational displacement of an object into recognizable electrical or digital signals. It is typically used in conjunction with a rotary encoder or linear encoder. This chip acquires, decodes, and processes pulse, quadrature, or absolute code signals output from sensing elements to accurately calculate motion parameters such as position, direction, and velocity, and outputs these parameters to the control system via parallel, serial, or bus interfaces. Position encoding chips are widely used in servo motor control, industrial automation, robotics, CNC machine tools, and precision instruments—any application requiring high-precision position feedback.

The position coding chip industry chain is mainly divided into three segments: upstream, midstream, and downstream. The upstream segment primarily consists of semiconductor basic resources such as silicon wafers, analog/digital IP, packaging materials, wafer foundry, and packaging testing, while also involving sensing-related materials and devices for magnetic, electrical, and optical sensing. The midstream segment involves the design and manufacturing of position coding chips, covering the integration and mass production of analog front-ends, signal conditioning, orthogonal/absolute encoding/decoding algorithms, and interface circuits (SPI, SSI, BiSS, ABI, etc.). The downstream segment focuses on applications and system integration. Chips are typically combined with rotary or linear encoders and are widely used in servo motors, industrial automation equipment, robots, CNC machine tools, new

energy equipment, and precision instruments, requiring high precision, reliability, and real-time performance.

In 2025, the average price of position coding chips was \$9 per chip, with sales of 97.33 million chips, a production capacity of 139.04 million chips, and a gross profit margin of approximately 38%.

This report is a detailed and comprehensive analysis for global Position Encoding Chip market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Position Encoding Chip market size and forecasts, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pcs), 2021-2032

Global Position Encoding Chip market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pcs), 2021-2032

Global Position Encoding Chip market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pcs), 2021-2032

Global Position Encoding Chip market shares of main players, shipments in revenue (\$ Million), sales quantity (K Pcs), and ASP (US\$/Pcs), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Position Encoding Chip

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Position Encoding Chip market based on the following parameters - company overview, sales quantity, revenue, price, gross

margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ams OSRAM, Allegro MicroSystems, Infineon Technologies, Melexis, NXP Semiconductors, TDK-Micronas, iC-Haus, Analog Devices, Texas Instruments, Renesas Electronics, etc.

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

Market Segmentation

Position Encoding Chip market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Analog Signal Output Type

Digital Signal Output Type

Market segment by Encoding Method

Incremental Position Encoding Chip

Absolute Position Encoding Chip

Market segment by Measurement Object

Rotary Position Encoding Chip

Linear Position Encoding Chip

Market segment by Application

Industrial Automation

Automotive Industry

Home Appliances & Consumer Electronics

Energy & Power

Medical Equipment

Major players covered

ams OSRAM

Allegro MicroSystems

Infineon Technologies

Melexis

NXP Semiconductors

TDK-Micronas

iC-Haus

Analog Devices

Texas Instruments

Renesas Electronics

Broadcom

ROHM Semiconductor

Toshiba

STMicroelectronics

Microchip Technology

MagnTek

Market segment by region, regional analysis covers
North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Position Encoding Chip product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Position Encoding Chip, with price, sales quantity, revenue, and global market share of Position Encoding Chip from 2021 to 2026.

Chapter 3, the Position Encoding Chip competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Position Encoding Chip breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Position Encoding Chip market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Position Encoding Chip.

Chapter 14 and 15, to describe Position Encoding Chip sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Position Encoding Chip Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Analog Signal Output Type

1.3.3 Digital Signal Output Type

1.4 Market Analysis by Encoding Method

1.4.1 Overview: Global Position Encoding Chip Consumption Value by Encoding Method: 2021 Versus 2025 Versus 2032

1.4.2 Incremental Position Encoding Chip

1.4.3 Absolute Position Encoding Chip

1.5 Market Analysis by Measurement Object

1.5.1 Overview: Global Position Encoding Chip Consumption Value by Measurement Object: 2021 Versus 2025 Versus 2032

1.5.2 Rotary Position Encoding Chip

1.5.3 Linear Position Encoding Chip

1.6 Market Analysis by Application

1.6.1 Overview: Global Position Encoding Chip Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.6.2 Industrial Automation

1.6.3 Automotive Industry

1.6.4 Home Appliances & Consumer Electronics

1.6.5 Energy & Power

1.6.6 Medical Equipment

1.7 Global Position Encoding Chip Market Size & Forecast

1.7.1 Global Position Encoding Chip Consumption Value (2021 & 2025 & 2032)

1.7.2 Global Position Encoding Chip Sales Quantity (2021-2032)

1.7.3 Global Position Encoding Chip Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 ams OSRAM

2.1.1 ams OSRAM Details

2.1.2 ams OSRAM Major Business

- 2.1.3 ams OSRAM Position Encoding Chip Product and Services
- 2.1.4 ams OSRAM Position Encoding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.1.5 ams OSRAM Recent Developments/Updates
- 2.2 Allegro MicroSystems
 - 2.2.1 Allegro MicroSystems Details
 - 2.2.2 Allegro MicroSystems Major Business
 - 2.2.3 Allegro MicroSystems Position Encoding Chip Product and Services
 - 2.2.4 Allegro MicroSystems Position Encoding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.2.5 Allegro MicroSystems Recent Developments/Updates
- 2.3 Infineon Technologies
 - 2.3.1 Infineon Technologies Details
 - 2.3.2 Infineon Technologies Major Business
 - 2.3.3 Infineon Technologies Position Encoding Chip Product and Services
 - 2.3.4 Infineon Technologies Position Encoding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.3.5 Infineon Technologies Recent Developments/Updates
- 2.4 Melexis
 - 2.4.1 Melexis Details
 - 2.4.2 Melexis Major Business
 - 2.4.3 Melexis Position Encoding Chip Product and Services
 - 2.4.4 Melexis Position Encoding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.4.5 Melexis Recent Developments/Updates
- 2.5 NXP Semiconductors
 - 2.5.1 NXP Semiconductors Details
 - 2.5.2 NXP Semiconductors Major Business
 - 2.5.3 NXP Semiconductors Position Encoding Chip Product and Services
 - 2.5.4 NXP Semiconductors Position Encoding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.5.5 NXP Semiconductors Recent Developments/Updates
- 2.6 TDK-Micronas
 - 2.6.1 TDK-Micronas Details
 - 2.6.2 TDK-Micronas Major Business
 - 2.6.3 TDK-Micronas Position Encoding Chip Product and Services
 - 2.6.4 TDK-Micronas Position Encoding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.6.5 TDK-Micronas Recent Developments/Updates

2.7 iC-Haus

2.7.1 iC-Haus Details

2.7.2 iC-Haus Major Business

2.7.3 iC-Haus Position Encoding Chip Product and Services

2.7.4 iC-Haus Position Encoding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 iC-Haus Recent Developments/Updates

2.8 Analog Devices

2.8.1 Analog Devices Details

2.8.2 Analog Devices Major Business

2.8.3 Analog Devices Position Encoding Chip Product and Services

2.8.4 Analog Devices Position Encoding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Analog Devices Recent Developments/Updates

2.9 Texas Instruments

2.9.1 Texas Instruments Details

2.9.2 Texas Instruments Major Business

2.9.3 Texas Instruments Position Encoding Chip Product and Services

2.9.4 Texas Instruments Position Encoding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Texas Instruments Recent Developments/Updates

2.10 Renesas Electronics

2.10.1 Renesas Electronics Details

2.10.2 Renesas Electronics Major Business

2.10.3 Renesas Electronics Position Encoding Chip Product and Services

2.10.4 Renesas Electronics Position Encoding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 Renesas Electronics Recent Developments/Updates

2.11 Broadcom

2.11.1 Broadcom Details

2.11.2 Broadcom Major Business

2.11.3 Broadcom Position Encoding Chip Product and Services

2.11.4 Broadcom Position Encoding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.11.5 Broadcom Recent Developments/Updates

2.12 ROHM Semiconductor

2.12.1 ROHM Semiconductor Details

2.12.2 ROHM Semiconductor Major Business

2.12.3 ROHM Semiconductor Position Encoding Chip Product and Services

2.12.4 ROHM Semiconductor Position Encoding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.12.5 ROHM Semiconductor Recent Developments/Updates

2.13 Toshiba

2.13.1 Toshiba Details

2.13.2 Toshiba Major Business

2.13.3 Toshiba Position Encoding Chip Product and Services

2.13.4 Toshiba Position Encoding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.13.5 Toshiba Recent Developments/Updates

2.14 STMicroelectronics

2.14.1 STMicroelectronics Details

2.14.2 STMicroelectronics Major Business

2.14.3 STMicroelectronics Position Encoding Chip Product and Services

2.14.4 STMicroelectronics Position Encoding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.14.5 STMicroelectronics Recent Developments/Updates

2.15 Microchip Technology

2.15.1 Microchip Technology Details

2.15.2 Microchip Technology Major Business

2.15.3 Microchip Technology Position Encoding Chip Product and Services

2.15.4 Microchip Technology Position Encoding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.15.5 Microchip Technology Recent Developments/Updates

2.16 MagnTek

2.16.1 MagnTek Details

2.16.2 MagnTek Major Business

2.16.3 MagnTek Position Encoding Chip Product and Services

2.16.4 MagnTek Position Encoding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.16.5 MagnTek Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: POSITION ENCODING CHIP BY MANUFACTURER

3.1 Global Position Encoding Chip Sales Quantity by Manufacturer (2021-2026)

3.2 Global Position Encoding Chip Revenue by Manufacturer (2021-2026)

3.3 Global Position Encoding Chip Average Price by Manufacturer (2021-2026)

3.4 Market Share Analysis (2025)

3.4.1 Producer Shipments of Position Encoding Chip by Manufacturer Revenue (\$MM) and Market Share (%): 2025

3.4.2 Top 3 Position Encoding Chip Manufacturer Market Share in 2025

3.4.3 Top 6 Position Encoding Chip Manufacturer Market Share in 2025

3.5 Position Encoding Chip Market: Overall Company Footprint Analysis

3.5.1 Position Encoding Chip Market: Region Footprint

3.5.2 Position Encoding Chip Market: Company Product Type Footprint

3.5.3 Position Encoding Chip Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Position Encoding Chip Market Size by Region

4.1.1 Global Position Encoding Chip Sales Quantity by Region (2021-2032)

4.1.2 Global Position Encoding Chip Consumption Value by Region (2021-2032)

4.1.3 Global Position Encoding Chip Average Price by Region (2021-2032)

4.2 North America Position Encoding Chip Consumption Value (2021-2032)

4.3 Europe Position Encoding Chip Consumption Value (2021-2032)

4.4 Asia-Pacific Position Encoding Chip Consumption Value (2021-2032)

4.5 South America Position Encoding Chip Consumption Value (2021-2032)

4.6 Middle East & Africa Position Encoding Chip Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

5.1 Global Position Encoding Chip Sales Quantity by Type (2021-2032)

5.2 Global Position Encoding Chip Consumption Value by Type (2021-2032)

5.3 Global Position Encoding Chip Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Position Encoding Chip Sales Quantity by Application (2021-2032)

6.2 Global Position Encoding Chip Consumption Value by Application (2021-2032)

6.3 Global Position Encoding Chip Average Price by Application (2021-2032)

7 NORTH AMERICA

7.1 North America Position Encoding Chip Sales Quantity by Type (2021-2032)

7.2 North America Position Encoding Chip Sales Quantity by Application (2021-2032)

7.3 North America Position Encoding Chip Market Size by Country

7.3.1 North America Position Encoding Chip Sales Quantity by Country (2021-2032)

7.3.2 North America Position Encoding Chip Consumption Value by Country (2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe Position Encoding Chip Sales Quantity by Type (2021-2032)

8.2 Europe Position Encoding Chip Sales Quantity by Application (2021-2032)

8.3 Europe Position Encoding Chip Market Size by Country

8.3.1 Europe Position Encoding Chip Sales Quantity by Country (2021-2032)

8.3.2 Europe Position Encoding Chip Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific Position Encoding Chip Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific Position Encoding Chip Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific Position Encoding Chip Market Size by Region

9.3.1 Asia-Pacific Position Encoding Chip Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific Position Encoding Chip Consumption Value by Region (2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America Position Encoding Chip Sales Quantity by Type (2021-2032)

10.2 South America Position Encoding Chip Sales Quantity by Application (2021-2032)

10.3 South America Position Encoding Chip Market Size by Country

10.3.1 South America Position Encoding Chip Sales Quantity by Country (2021-2032)

10.3.2 South America Position Encoding Chip Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Position Encoding Chip Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Position Encoding Chip Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Position Encoding Chip Market Size by Country

11.3.1 Middle East & Africa Position Encoding Chip Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Position Encoding Chip Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 Position Encoding Chip Market Drivers

12.2 Position Encoding Chip Market Restraints

12.3 Position Encoding Chip Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Position Encoding Chip and Key Manufacturers

13.2 Manufacturing Costs Percentage of Position Encoding Chip

13.3 Position Encoding Chip Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Position Encoding Chip Typical Distributors

14.3 Position Encoding Chip Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Position Encoding Chip Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Position Encoding Chip Consumption Value by Encoding Method, (USD Million), 2021 & 2025 & 2032

Table 3. Global Position Encoding Chip Consumption Value by Measurement Object, (USD Million), 2021 & 2025 & 2032

Table 4. Global Position Encoding Chip Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. ams OSRAM Basic Information, Manufacturing Base and Competitors

Table 6. ams OSRAM Major Business

Table 7. ams OSRAM Position Encoding Chip Product and Services

Table 8. ams OSRAM Position Encoding Chip Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. ams OSRAM Recent Developments/Updates

Table 10. Allegro MicroSystems Basic Information, Manufacturing Base and Competitors

Table 11. Allegro MicroSystems Major Business

Table 12. Allegro MicroSystems Position Encoding Chip Product and Services

Table 13. Allegro MicroSystems Position Encoding Chip Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. Allegro MicroSystems Recent Developments/Updates

Table 15. Infineon Technologies Basic Information, Manufacturing Base and Competitors

Table 16. Infineon Technologies Major Business

Table 17. Infineon Technologies Position Encoding Chip Product and Services

Table 18. Infineon Technologies Position Encoding Chip Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. Infineon Technologies Recent Developments/Updates

Table 20. Melexis Basic Information, Manufacturing Base and Competitors

Table 21. Melexis Major Business

Table 22. Melexis Position Encoding Chip Product and Services

Table 23. Melexis Position Encoding Chip Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. Melexis Recent Developments/Updates

Table 25. NXP Semiconductors Basic Information, Manufacturing Base and Competitors

Table 26. NXP Semiconductors Major Business

Table 27. NXP Semiconductors Position Encoding Chip Product and Services

Table 28. NXP Semiconductors Position Encoding Chip Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. NXP Semiconductors Recent Developments/Updates

Table 30. TDK-Micronas Basic Information, Manufacturing Base and Competitors

Table 31. TDK-Micronas Major Business

Table 32. TDK-Micronas Position Encoding Chip Product and Services

Table 33. TDK-Micronas Position Encoding Chip Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. TDK-Micronas Recent Developments/Updates

Table 35. iC-Haus Basic Information, Manufacturing Base and Competitors

Table 36. iC-Haus Major Business

Table 37. iC-Haus Position Encoding Chip Product and Services

Table 38. iC-Haus Position Encoding Chip Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. iC-Haus Recent Developments/Updates

Table 40. Analog Devices Basic Information, Manufacturing Base and Competitors

Table 41. Analog Devices Major Business

Table 42. Analog Devices Position Encoding Chip Product and Services

Table 43. Analog Devices Position Encoding Chip Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. Analog Devices Recent Developments/Updates

Table 45. Texas Instruments Basic Information, Manufacturing Base and Competitors

Table 46. Texas Instruments Major Business

Table 47. Texas Instruments Position Encoding Chip Product and Services

Table 48. Texas Instruments Position Encoding Chip Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 49. Texas Instruments Recent Developments/Updates

Table 50. Renesas Electronics Basic Information, Manufacturing Base and Competitors

Table 51. Renesas Electronics Major Business

Table 52. Renesas Electronics Position Encoding Chip Product and Services

Table 53. Renesas Electronics Position Encoding Chip Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 54. Renesas Electronics Recent Developments/Updates

- Table 55. Broadcom Basic Information, Manufacturing Base and Competitors
- Table 56. Broadcom Major Business
- Table 57. Broadcom Position Encoding Chip Product and Services
- Table 58. Broadcom Position Encoding Chip Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 59. Broadcom Recent Developments/Updates
- Table 60. ROHM Semiconductor Basic Information, Manufacturing Base and Competitors
- Table 61. ROHM Semiconductor Major Business
- Table 62. ROHM Semiconductor Position Encoding Chip Product and Services
- Table 63. ROHM Semiconductor Position Encoding Chip Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 64. ROHM Semiconductor Recent Developments/Updates
- Table 65. Toshiba Basic Information, Manufacturing Base and Competitors
- Table 66. Toshiba Major Business
- Table 67. Toshiba Position Encoding Chip Product and Services
- Table 68. Toshiba Position Encoding Chip Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 69. Toshiba Recent Developments/Updates
- Table 70. STMicroelectronics Basic Information, Manufacturing Base and Competitors
- Table 71. STMicroelectronics Major Business
- Table 72. STMicroelectronics Position Encoding Chip Product and Services
- Table 73. STMicroelectronics Position Encoding Chip Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 74. STMicroelectronics Recent Developments/Updates
- Table 75. Microchip Technology Basic Information, Manufacturing Base and Competitors
- Table 76. Microchip Technology Major Business
- Table 77. Microchip Technology Position Encoding Chip Product and Services
- Table 78. Microchip Technology Position Encoding Chip Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 79. Microchip Technology Recent Developments/Updates
- Table 80. MagnTek Basic Information, Manufacturing Base and Competitors
- Table 81. MagnTek Major Business
- Table 82. MagnTek Position Encoding Chip Product and Services
- Table 83. MagnTek Position Encoding Chip Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

- Table 84. MagnTek Recent Developments/Updates
- Table 85. Global Position Encoding Chip Sales Quantity by Manufacturer (2021-2026) & (K Pcs)
- Table 86. Global Position Encoding Chip Revenue by Manufacturer (2021-2026) & (USD Million)
- Table 87. Global Position Encoding Chip Average Price by Manufacturer (2021-2026) & (US\$/Pcs)
- Table 88. Market Position of Manufacturers in Position Encoding Chip, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025
- Table 89. Head Office and Position Encoding Chip Production Site of Key Manufacturer
- Table 90. Position Encoding Chip Market: Company Product Type Footprint
- Table 91. Position Encoding Chip Market: Company Product Application Footprint
- Table 92. Position Encoding Chip New Market Entrants and Barriers to Market Entry
- Table 93. Position Encoding Chip Mergers, Acquisition, Agreements, and Collaborations
- Table 94. Global Position Encoding Chip Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR
- Table 95. Global Position Encoding Chip Sales Quantity by Region (2021-2026) & (K Pcs)
- Table 96. Global Position Encoding Chip Sales Quantity by Region (2027-2032) & (K Pcs)
- Table 97. Global Position Encoding Chip Consumption Value by Region (2021-2026) & (USD Million)
- Table 98. Global Position Encoding Chip Consumption Value by Region (2027-2032) & (USD Million)
- Table 99. Global Position Encoding Chip Average Price by Region (2021-2026) & (US\$/Pcs)
- Table 100. Global Position Encoding Chip Average Price by Region (2027-2032) & (US\$/Pcs)
- Table 101. Global Position Encoding Chip Sales Quantity by Type (2021-2026) & (K Pcs)
- Table 102. Global Position Encoding Chip Sales Quantity by Type (2027-2032) & (K Pcs)
- Table 103. Global Position Encoding Chip Consumption Value by Type (2021-2026) & (USD Million)
- Table 104. Global Position Encoding Chip Consumption Value by Type (2027-2032) & (USD Million)
- Table 105. Global Position Encoding Chip Average Price by Type (2021-2026) & (US\$/Pcs)
- Table 106. Global Position Encoding Chip Average Price by Type (2027-2032) &

(US\$/Pcs)

Table 107. Global Position Encoding Chip Sales Quantity by Application (2021-2026) & (K Pcs)

Table 108. Global Position Encoding Chip Sales Quantity by Application (2027-2032) & (K Pcs)

Table 109. Global Position Encoding Chip Consumption Value by Application (2021-2026) & (USD Million)

Table 110. Global Position Encoding Chip Consumption Value by Application (2027-2032) & (USD Million)

Table 111. Global Position Encoding Chip Average Price by Application (2021-2026) & (US\$/Pcs)

Table 112. Global Position Encoding Chip Average Price by Application (2027-2032) & (US\$/Pcs)

Table 113. North America Position Encoding Chip Sales Quantity by Type (2021-2026) & (K Pcs)

Table 114. North America Position Encoding Chip Sales Quantity by Type (2027-2032) & (K Pcs)

Table 115. North America Position Encoding Chip Sales Quantity by Application (2021-2026) & (K Pcs)

Table 116. North America Position Encoding Chip Sales Quantity by Application (2027-2032) & (K Pcs)

Table 117. North America Position Encoding Chip Sales Quantity by Country (2021-2026) & (K Pcs)

Table 118. North America Position Encoding Chip Sales Quantity by Country (2027-2032) & (K Pcs)

Table 119. North America Position Encoding Chip Consumption Value by Country (2021-2026) & (USD Million)

Table 120. North America Position Encoding Chip Consumption Value by Country (2027-2032) & (USD Million)

Table 121. Europe Position Encoding Chip Sales Quantity by Type (2021-2026) & (K Pcs)

Table 122. Europe Position Encoding Chip Sales Quantity by Type (2027-2032) & (K Pcs)

Table 123. Europe Position Encoding Chip Sales Quantity by Application (2021-2026) & (K Pcs)

Table 124. Europe Position Encoding Chip Sales Quantity by Application (2027-2032) & (K Pcs)

Table 125. Europe Position Encoding Chip Sales Quantity by Country (2021-2026) & (K Pcs)

Table 126. Europe Position Encoding Chip Sales Quantity by Country (2027-2032) & (K Pcs)

Table 127. Europe Position Encoding Chip Consumption Value by Country (2021-2026) & (USD Million)

Table 128. Europe Position Encoding Chip Consumption Value by Country (2027-2032) & (USD Million)

Table 129. Asia-Pacific Position Encoding Chip Sales Quantity by Type (2021-2026) & (K Pcs)

Table 130. Asia-Pacific Position Encoding Chip Sales Quantity by Type (2027-2032) & (K Pcs)

Table 131. Asia-Pacific Position Encoding Chip Sales Quantity by Application (2021-2026) & (K Pcs)

Table 132. Asia-Pacific Position Encoding Chip Sales Quantity by Application (2027-2032) & (K Pcs)

Table 133. Asia-Pacific Position Encoding Chip Sales Quantity by Region (2021-2026) & (K Pcs)

Table 134. Asia-Pacific Position Encoding Chip Sales Quantity by Region (2027-2032) & (K Pcs)

Table 135. Asia-Pacific Position Encoding Chip Consumption Value by Region (2021-2026) & (USD Million)

Table 136. Asia-Pacific Position Encoding Chip Consumption Value by Region (2027-2032) & (USD Million)

Table 137. South America Position Encoding Chip Sales Quantity by Type (2021-2026) & (K Pcs)

Table 138. South America Position Encoding Chip Sales Quantity by Type (2027-2032) & (K Pcs)

Table 139. South America Position Encoding Chip Sales Quantity by Application (2021-2026) & (K Pcs)

Table 140. South America Position Encoding Chip Sales Quantity by Application (2027-2032) & (K Pcs)

Table 141. South America Position Encoding Chip Sales Quantity by Country (2021-2026) & (K Pcs)

Table 142. South America Position Encoding Chip Sales Quantity by Country (2027-2032) & (K Pcs)

Table 143. South America Position Encoding Chip Consumption Value by Country (2021-2026) & (USD Million)

Table 144. South America Position Encoding Chip Consumption Value by Country (2027-2032) & (USD Million)

Table 145. Middle East & Africa Position Encoding Chip Sales Quantity by Type

(2021-2026) & (K Pcs)

Table 146. Middle East & Africa Position Encoding Chip Sales Quantity by Type

(2027-2032) & (K Pcs)

Table 147. Middle East & Africa Position Encoding Chip Sales Quantity by Application

(2021-2026) & (K Pcs)

Table 148. Middle East & Africa Position Encoding Chip Sales Quantity by Application

(2027-2032) & (K Pcs)

Table 149. Middle East & Africa Position Encoding Chip Sales Quantity by Country

(2021-2026) & (K Pcs)

Table 150. Middle East & Africa Position Encoding Chip Sales Quantity by Country

(2027-2032) & (K Pcs)

Table 151. Middle East & Africa Position Encoding Chip Consumption Value by Country

(2021-2026) & (USD Million)

Table 152. Middle East & Africa Position Encoding Chip Consumption Value by Country

(2027-2032) & (USD Million)

Table 153. Position Encoding Chip Raw Material

Table 154. Key Manufacturers of Position Encoding Chip Raw Materials

Table 155. Position Encoding Chip Typical Distributors

Table 156. Position Encoding Chip Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Position Encoding Chip Picture

Figure 2. Global Position Encoding Chip Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Position Encoding Chip Revenue Market Share by Type in 2025

Figure 4. Analog Signal Output Type Examples

Figure 5. Digital Signal Output Type Examples

Figure 6. Global Position Encoding Chip Revenue by Encoding Method, (USD Million), 2021 & 2025 & 2032

Figure 7. Global Position Encoding Chip Revenue Market Share by Encoding Method in 2025

Figure 8. Incremental Position Encoding Chip Examples

Figure 9. Absolute Position Encoding Chip Examples

Figure 10. Global Position Encoding Chip Revenue by Measurement Object, (USD Million), 2021 & 2025 & 2032

Figure 11. Global Position Encoding Chip Revenue Market Share by Measurement Object in 2025

Figure 12. Rotary Position Encoding Chip Examples

Figure 13. Linear Position Encoding Chip Examples

Figure 14. Global Position Encoding Chip Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 15. Global Position Encoding Chip Revenue Market Share by Application in 2025

Figure 16. Industrial Automation Examples

Figure 17. Automotive Industry Examples

Figure 18. Home Appliances & Consumer Electronics Examples

Figure 19. Energy & Power Examples

Figure 20. Medical Equipment Examples

Figure 21. Global Position Encoding Chip Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 22. Global Position Encoding Chip Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 23. Global Position Encoding Chip Sales Quantity (2021-2032) & (K Pcs)

Figure 24. Global Position Encoding Chip Price (2021-2032) & (US\$/Pcs)

Figure 25. Global Position Encoding Chip Sales Quantity Market Share by Manufacturer in 2025

Figure 26. Global Position Encoding Chip Revenue Market Share by Manufacturer in

2025

Figure 27. Producer Shipments of Position Encoding Chip by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 28. Top 3 Position Encoding Chip Manufacturer (Revenue) Market Share in 2025

Figure 29. Top 6 Position Encoding Chip Manufacturer (Revenue) Market Share in 2025

Figure 30. Global Position Encoding Chip Sales Quantity Market Share by Region (2021-2032)

Figure 31. Global Position Encoding Chip Consumption Value Market Share by Region (2021-2032)

Figure 32. North America Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 33. Europe Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 34. Asia-Pacific Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 35. South America Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 36. Middle East & Africa Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 37. Global Position Encoding Chip Sales Quantity Market Share by Type (2021-2032)

Figure 38. Global Position Encoding Chip Consumption Value Market Share by Type (2021-2032)

Figure 39. Global Position Encoding Chip Average Price by Type (2021-2032) & (US\$/Pcs)

Figure 40. Global Position Encoding Chip Sales Quantity Market Share by Application (2021-2032)

Figure 41. Global Position Encoding Chip Revenue Market Share by Application (2021-2032)

Figure 42. Global Position Encoding Chip Average Price by Application (2021-2032) & (US\$/Pcs)

Figure 43. North America Position Encoding Chip Sales Quantity Market Share by Type (2021-2032)

Figure 44. North America Position Encoding Chip Sales Quantity Market Share by Application (2021-2032)

Figure 45. North America Position Encoding Chip Sales Quantity Market Share by Country (2021-2032)

Figure 46. North America Position Encoding Chip Consumption Value Market Share by Country (2021-2032)

Figure 47. United States Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 48. Canada Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 49. Mexico Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 50. Europe Position Encoding Chip Sales Quantity Market Share by Type (2021-2032)

Figure 51. Europe Position Encoding Chip Sales Quantity Market Share by Application (2021-2032)

Figure 52. Europe Position Encoding Chip Sales Quantity Market Share by Country (2021-2032)

Figure 53. Europe Position Encoding Chip Consumption Value Market Share by Country (2021-2032)

Figure 54. Germany Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 55. France Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 56. United Kingdom Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 57. Russia Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 58. Italy Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 59. Asia-Pacific Position Encoding Chip Sales Quantity Market Share by Type (2021-2032)

Figure 60. Asia-Pacific Position Encoding Chip Sales Quantity Market Share by Application (2021-2032)

Figure 61. Asia-Pacific Position Encoding Chip Sales Quantity Market Share by Region (2021-2032)

Figure 62. Asia-Pacific Position Encoding Chip Consumption Value Market Share by Region (2021-2032)

Figure 63. China Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 64. Japan Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 65. South Korea Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 66. India Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Million)

Figure 67. Southeast Asia Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 68. Australia Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 69. South America Position Encoding Chip Sales Quantity Market Share by Type (2021-2032)

Figure 70. South America Position Encoding Chip Sales Quantity Market Share by Application (2021-2032)

Figure 71. South America Position Encoding Chip Sales Quantity Market Share by Country (2021-2032)

Figure 72. South America Position Encoding Chip Consumption Value Market Share by Country (2021-2032)

Figure 73. Brazil Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 74. Argentina Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 75. Middle East & Africa Position Encoding Chip Sales Quantity Market Share by Type (2021-2032)

Figure 76. Middle East & Africa Position Encoding Chip Sales Quantity Market Share by Application (2021-2032)

Figure 77. Middle East & Africa Position Encoding Chip Sales Quantity Market Share by Country (2021-2032)

Figure 78. Middle East & Africa Position Encoding Chip Consumption Value Market Share by Country (2021-2032)

Figure 79. Turkey Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 80. Egypt Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 81. Saudi Arabia Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 82. South Africa Position Encoding Chip Consumption Value (2021-2032) & (USD Million)

Figure 83. Position Encoding Chip Market Drivers

Figure 84. Position Encoding Chip Market Restraints

Figure 85. Position Encoding Chip Market Trends

Figure 86. Porters Five Forces Analysis

Figure 87. Manufacturing Cost Structure Analysis of Position Encoding Chip in 2025

Figure 88. Manufacturing Process Analysis of Position Encoding Chip

Figure 89. Position Encoding Chip Industrial Chain

Figure 90. Sales Channel: Direct to End-User vs Distributors

Figure 91. Direct Channel Pros & Cons

Figure 92. Indirect Channel Pros & Cons

Figure 93. Methodology

Figure 94. Research Process and Data Source

I would like to order

Product name: Global Position Encoding Chip Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G3F9D1F47A5DEN.html>

Price: US\$ 3,480.00 (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/G3F9D1F47A5DEN.html>