

Global Chip-less RFID Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Chip-less RFID market size was valued at USD 1844.7 million in 2023 and is forecast to a readjusted size of USD 6493.3 million by 2030 with a CAGR of 19.7% during review period.

Following a strong growth of 26.2 percent in the year 2021, WSTS revised it down to a single digit growth for the worldwide semiconductor market in 2022 with a total size of US\$580 billion, up 4.4 percent. WSTS lowered growth estimation as inflation rises and end markets seeing weaker demand, especially those exposed to consumer spending. While some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.8 percent, Sensors with 16.3 percent, and Logic with 14.5 percent growth. Memory declined with 12.6 percent year over year. In 2022, all geographical regions showed double-digit growth except Asia Pacific. The largest region, Asia Pacific, declined 2.0 percent. Sales in the Americas were US\$142.1 billion, up 17.0% year-on-year, sales in Europe were US\$53.8 billion, up 12.6% year-on-year, and sales in Japan were US\$48.1 billion, up 10.0% year-on-year. However, sales in the largest Asia-Pacific region were US\$336.2 billion, down 2.0% year-on-year.

The Global Info Research report includes an overview of the development of the Chipless RFID industry chain, the market status of Retail (SAW, TFTC), Transport & Logistics (SAW, TFTC), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Chip-less RFID.

Regionally, the report analyzes the Chip-less RFID markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global



Chip-less RFID market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Chip-less RFID market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Chip-less RFID industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the revenue generated, and market share of different by Type (e.g., SAW, TFTC).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Chip-less RFID market.

Regional Analysis: The report involves examining the Chip-less RFID market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Chip-less RFID market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Chip-less RFID:

Company Analysis: Report covers individual Chip-less RFID players, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Chip-less RFID This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Retail, Transport &



Logistics).

Technology Analysis: Report covers specific technologies relevant to Chip-less RFID. It assesses the current state, advancements, and potential future developments in Chipless RFID areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Chip-less RFID market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Chip-less RFID market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of value.

SAW

Market segment by Type

Market segment by Application

Retail

Transport & Logistics

Aviation

Healthcare

Other



Market segment by players, this report covers

Alien Technology Corporation

Confidex Company LTD

IMPINJ INCORPORATION

Honeywell(INTERMEC INC)

Thinfilm

Toppan Forms CO. LTD

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Australia and Rest of Asia-Pacific)

South America (Brazil, Argentina and Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Chip-less RFID product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Chip-less RFID, with revenue, gross margin and global market share of Chip-less RFID from 2019 to 2024.

Chapter 3, the Chip-less RFID competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.



Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024.and Chipless RFID market forecast, by regions, type and application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Chip-less RFID.

Chapter 13, to describe Chip-less RFID research findings and conclusion.



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