

Global Printed and Chipless RFID Market Growth 2025-2031

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Abstracts

The global Printed and Chipless RFID market size is predicted to grow from US\$ 2160 million in 2025 to US\$ 6944 million in 2031; it is expected to grow at a CAGR of 21.5% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Printed and Chipless RFID are RFID tags that do not require a microchip in the transponder.

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.

LP Information, Inc. (LPI) ' newest research report, the "Printed and Chipless RFID Industry Forecast" looks at past sales and reviews total world Printed and Chipless

RFID sales in 2024, providing a comprehensive analysis by region and market sector of projected Printed and Chipless RFID sales for 2025 through 2031. With Printed and Chipless RFID sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Printed and Chipless RFID industry.

This Insight Report provides a comprehensive analysis of the global Printed and Chipless RFID landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Printed and Chipless RFID portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Printed and Chipless RFID market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Printed and Chipless RFID and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Printed and Chipless RFID.

This report presents a comprehensive overview, market shares, and growth opportunities of Printed and Chipless RFID market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Ink Stripes

Radar Array

TFTC

SAW

Others

Segmentation by Application:

Retail

Transport & logistics

Aviation

Healthcare

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

3M

Acreo AB

Alien Technology Corporation

Confidex Ltd S

Dai Nippon Printing (DNP) Company Limited

IBM Corporation

Impinj Incorporation

Intermec

PolyIC GmbH

Siemens AG

Smartrac N.V.

Soligie Inc

Spectra Systems Corporation (Inksure Technologies Inc.)

TAGSYS RFID

TCM RFID Pte Ltd

Thinfilm (Kovio Inc)

Toppan Forms Co. Ltd

VTT

Vubiq Networks, Inc

Xerox Corporation

Zebra Technologies Corporation

Impinj Corporation

Link-Sure

Confirm Technologies

REMOSO

Holotag

Scipher TSSI

MXT

Fuji Electric

Unitika

Miyake

Lintec

CWOSRFID

Navitas

Checkpoint

TagSense

RFCode

RFID - Mreal

Panipol

Somark Innovations

Menippos

Printed Systems

Key Questions Addressed in this Report

What is the 10-year outlook for the global Printed and Chipless RFID market?

What factors are driving Printed and Chipless RFID market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Printed and Chipless RFID market opportunities vary by end market size?
How does Printed and Chipless RFID break out by Type, by Application?

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