

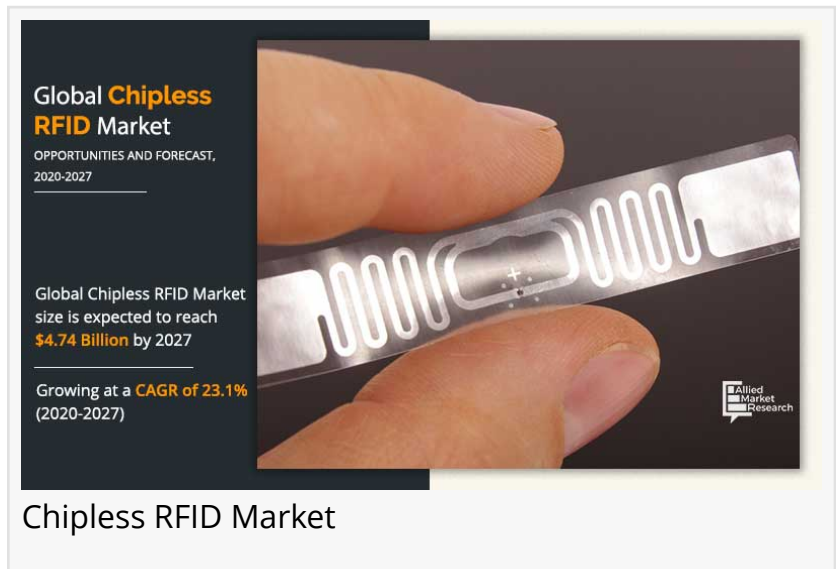
Chipless RFID Market [2020–2027]: Key Market Dynamics, Growth Opportunities and Business Strategies By 2032

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Allied Market Research published a report on the [Chipless RFID Market](#) by Product Type, Frequency, Application, and End User: Global Opportunity Analysis and Industry Forecast, 2020-2027.

The global chipless RFID market size was valued at \$903.3 million in 2019, and is projected to reach \$4,744.0 million by 2027, to register a CAGR of 23.1% from 2020 to 2027.



Chipless RFID Market

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The global chipless RFID market growth is driven by increased efficiency offered by chipless RFID tags, low cost of manufacturing, and rising demand in healthcare & banking sector”

David Correa

A Chipless RFID system is equipped with a planar encoder (characteristically a printed pattern containing the ID code) & an antenna for communication with the reader. Due to low-cost conductive inks, the cost of the tag can be significantly reduced. The chipless RFID system has benefits over conventional sensors due to its lower radiated power, lower cost, robustness, and longer storage life.

Alternatively, chipless RFID system provides identification

data & monitors several physical parameters of tagged items without having an active sensor in the circuitry. A chipless RFID tag is also used as a chipless RFID sensors in offering low-priced sensors for realizing the universal networks required by the IoT paradigm. A chipless RFID

sensors is mainly used for detection of CO2.

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Competitive Analysis:

The competitive environment of the [chipless RFID industry](#) is further examined in the report. It includes details about the key players in the market's strengths, product portfolio, chipless RFID market share and size analysis, operational results, and market positioning. It comprises the actions taken by the players to grow and expand their presence through agreements and entering new business sectors. Mergers and acquisitions, joint ventures, and product launches are some of the other techniques used by players.

Some of the major key players of the chipless RFID industry include:

- Alien Technology LLC.
- Applied Wireless Inc.
- Avery Dennison Corporation
- Checkpoint Systems, Inc.
- Honeywell International Inc.
- iDTRONIC GmbH
- Impinj Inc.
- Invengo Technology Pte. Ltd.
- NXP Semiconductors
- Zebra Technologies Corporation

The global chipless RFID market is anticipated to witness significant growth over the period of forecast. Factors such as high accuracy, low manufacturing cost, and providing more functions as compared to other alternatives drive the growth of the global market. However, initially high capital investment is a major restraint to the global chipless RFID industry. In addition, growing shift of retailers toward chipless RFID is expected to create opportunities for global industry.

Moreover, economically developed nations tend to witness high penetration of chipless RFID technology in various retail segments. Factors such as growing manufacturing sector, incentives in the Union Budget worldwide owing to covid-19 pandemic contribute toward the chipless RFID market growth in the coming years.

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Key Benefits for Stakeholders:

- This study comprises analytical depiction of the global chipless RFID market size along with the current trends and future estimations to depict the imminent investment pockets.
- The overall chipless RFID market analysis is determined to understand the profitable trends to

gain a stronger foothold.

- The report presents information related to key drivers, restraints, and opportunities with a detailed impact analysis.
- The current chipless RFID market forecast is quantitatively analyzed from 2020 to 2027 to benchmark the financial competency.
- Porter's five forces analysis illustrates the potency of the buyers and the chipless RFID market share of key vendors.
- The report includes the market trends and the market share of key vendors.

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