

Global Electronic Shelf Label IC Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Electronic Shelf Label IC market size is expected to reach \$ 2652 million by 2032, rising at a market growth of 7.0% CAGR during the forecast period (2026-2032).

Electronic Shelf Label IC has the most advanced ink screen driver IC technology, providing ultra-low power consumption electronic ink screen shelf label driver IC, from black and white ink screen, 3-color ink screen to 4-color ink screen development, becoming the rise of unmanned stores in the future, Combining online and offline products with the best tools, assist customers to develop new products and create new markets. In 2025, global Electronic Shelf Label IC production reached approximately 697.64 M Units, with an average global market price of around US\$ 2.36 per unit.

Electronic Shelf Label IC are a demand for digitalization and efficient management of stores driven by the development of new retail; Secondly, the continuously rising labor costs will also lead to more retailers using electronic price tag systems in their stores to effectively improve management efficiency and enhance corporate competitiveness; Thirdly, technological advancements drive the rapid improvement of the performance and functionality of electronic price tag systems, enabling them to achieve rich functions such as fast picking, precise marketing, traffic integration, and shared warehousing, bringing increased business value to customers.

This report studies the global Electronic Shelf Label IC production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Electronic Shelf Label IC and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and

competition, as well as details the characteristics of Electronic Shelf Label IC that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Electronic Shelf Label IC total production and demand, 2021-2032, (Million Units)

Global Electronic Shelf Label IC total production value, 2021-2032, (USD Million)

Global Electronic Shelf Label IC production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Million Units), (based on production site)

Global Electronic Shelf Label IC consumption by region & country, CAGR, 2021-2032 & (Million Units)

U.S. VS China: Electronic Shelf Label IC domestic production, consumption, key domestic manufacturers and share

Global Electronic Shelf Label IC production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Million Units)

Global Electronic Shelf Label IC production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Million Units)

Global Electronic Shelf Label IC production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Million Units)

This report profiles key players in the global Electronic Shelf Label IC market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Nordic Semiconductor(NO), Texas Instruments(US), NXP Semiconductors(NL), STMicroelectronics(CH), Infineon(DE), Nexperia(NL), Yichip Microelectronics(CN), Telink(CN), JADARD TECHNOLOGY(CN), Lenze Technologies(CN), etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Electronic Shelf Label IC market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Million Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years

2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Electronic Shelf Label IC Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Electronic Shelf Label IC Market, Segmentation by Type:

QFN Package

WLCSP Packaging

Other

Global Electronic Shelf Label IC Market, Segmentation by Wireless Communication:

2.4GHz Private Protocol

Bluetooth

Other

Global Electronic Shelf Label IC Market, Segmentation by Application Environment:

Normal Temperature Chip

Low Temperature Chip

Global Electronic Shelf Label IC Market, Segmentation by Application:

Smart Healthcare

Smart Retail

Smart Warehouse

Smart Mobility

Other

Companies Profiled:

Nordic Semiconductor(NO)

Texas Instruments(US)

NXP Semiconductors(NL)

STMicroelectronics(CH)

Infineon(DE)

Nexperia(NL)

Yichip Microelectronics(CN)

Telink(CN)

JADARD TECHNOLOGY(CN)

Lenze Technologies(CN)

Quaming Intelligence(CN)

Rockchip Electronics(CN)

Wuhan Ruinajie Semiconductor(CN)

Ingchips Technology(CN)

Phyplus Technologies(CN)

EDOM Technology(TW)

Key Questions Answered:

1. How big is the global Electronic Shelf Label IC market?
2. What is the demand of the global Electronic Shelf Label IC market?
3. What is the year over year growth of the global Electronic Shelf Label IC market?
4. What is the production and production value of the global Electronic Shelf Label IC market?
5. Who are the key producers in the global Electronic Shelf Label IC market?
6. What are the growth factors driving the market demand?

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