

# Digital Isolator Market Report: Trends, Forecast and Competitive Analysis to 2030

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## Abstracts

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### Digital Isolator Trends and Forecast

The future of the global digital isolator market looks promising with opportunities in the gate driver, DC/DC converter, analog to digital converter, analog to digital converter, and CAN isolation markets. The global digital isolator market is expected to reach an estimated \$3.9 billion by 2030 with a CAGR of 8.2% from 2024 to 2030. The major drivers for this market are growing adoption of industrial automation in the manufacturing sector, increasing demand for noise-free consumer electronics, and rising usage of advanced technology-based connected devices across the globe.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

### Digital Isolator by Segment

The study includes a forecast for the global digital isolator by by technology, data rate, channel, application, and region

### Digital Isolator Market by Technology [Shipment Analysis by Value from 2018 to 2030]:

Capacitive Coupling

Magnetic Coupling

Giant Magnetoresistive

Others

Digital Isolator Market by Data Rate [Shipment Analysis by Value from 2018 to 2030]:

Up To 25 Mbps

25 – 75 Mbps

Above 75 Mbps

Digital Isolator Market by Channel [Shipment Analysis by Value from 2018 to 2030]:

2 Channel

4 Channel

6 Channel

8 Channel

Others

Digital Isolator Market by Application [Shipment Analysis by Value from 2018 to 2030]:

Gate Drivers

DC/DC Converters

Analog to Digital Converters

Analog to Digital Converters

CAN Isolation

Others

Digital Isolator Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Digital Isolator Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies digital isolator companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the digital isolator companies profiled in this report include-

Texas Instruments

Analog Devices

Skyworks Solutions

Broadcom

Infineon Technologies

Digital Isolator Market Insights

Lucintel forecast that giant magnetoresistive is expected to witness highest growth over the forecast period.

Within this market, gate driver will remain the largest segment.

APAC is expected to witness highest growth over the forecast period due to existence of several major electrical device and equipment manufacturers in this region.

Features of the Global Digital Isolator Market

Market Size Estimates: Digital Isolator Market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Digital isolator market size by various segments, such as by technology, data rate, channel, application, and region in terms of value (\$B).

Regional Analysis: Digital isolator market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the digital isolator market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q.1 What is the digital isolator market size?

Answer: The global digital isolator market is expected to reach an estimated \$3.9 billion by 2030.

Q.2 What is the growth forecast for digital isolator market?

Answer: The global digital isolator market is expected to grow with a CAGR of 8.2% from 2024 to 2030

Q.3 What are the major drivers influencing the growth of the digital isolator market?

Answer: The major drivers for this market are growing adoption of industrial automation

in the manufacturing sector, increasing demand for noise-free consumer electronics, and rising usage of advanced technology-based connected devices across the globe.

Q4. What are the major segments for digital isolator market?

Answer: The future of the global digital isolator market looks promising with opportunities in the gate driver, DC/DC converter, analog to digital converter, analog to digital converter, and CAN isolation markets.

Q5. Who are the key digital isolator market companies?

Answer: Some of the key digital isolator companies are as follows:

Texas Instruments

Analog Devices

Skyworks Solutions

Broadcom

Infineon Technologies

Q6. Which digital isolator market segment will be the largest in future?

Answer: Lucintel forecast that giant magnetoresistive is expected to witness highest growth over the forecast period.

Q7. In digital isolator market, which region is expected to be the largest in next 5 years?

Answer: APAC is expected to witness highest growth over the forecast period due to existence of several major electrical device and equipment manufacturers in this region.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the digital isolator market by technology (capacitive coupling, magnetic coupling, and giant magnetoresistive), data rate (up to 25 mbps, 25 – 75 mbps, and above 75 mbps), channel (2 channel, 4 channel, 6 channel, 8 channel, and others), application (gate drivers, DC/DC converters, analog to digital converters, analog to digital converters, CAN isolation, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to digital isolator market or related to digital isolator companies, digital isolator market size, digital isolator market share, digital isolator market growth, digital isolator market research, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com) we will be glad to get back to you soon.

## Contents

### **1. EXECUTIVE SUMMARY**

### **2. GLOBAL DIGITAL ISOLATOR MARKET : MARKET DYNAMICS**

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

### **3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2018 TO 2030**

3.1. Macroeconomic Trends (2018-2023) and Forecast (2024-2030)

3.2. Global Digital Isolator Market Trends (2018-2023) and Forecast (2024-2030)

3.3: Global Digital Isolator Market by Technology

3.3.1: Capacitive Coupling

3.3.2: Magnetic Coupling

3.3.3: Giant Magnetoresistive

3.3.4: Others

3.4: Global Digital Isolator Market by Data Rate

3.4.1: Up To 25 Mbps

3.4.2: 25 – 75 Mbps

3.4.3: Above 75 Mbps

3.5: Global Digital Isolator Market by Channel

3.5.1: 2 Channel

3.5.2: 4 Channel

3.5.3: 6 Channel

3.5.4: 8 Channel

3.5.5: Others

3.6: Global Digital Isolator Market by Application

3.6.1: Gate Drivers

3.6.2: DC/DC Converters

3.6.3: Analog to Digital Converters

3.6.4: Analog to Digital Converters

3.6.5: CAN Isolation

3.6.6: Others

### **4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION FROM 2018 TO 2030**

#### 4.1: Global Digital Isolator Market by Region

#### 4.2: North American Digital Isolator Market

4.2.1: North American Digital Isolator Market by Technology: Capacitive Coupling, Magnetic Coupling, Giant Magnetoresistive, and Others

4.2.4: North American Digital Isolator Market by Application: Gate Drivers, DC/DC Converters, Analog to Digital Converters, Analog to Digital Converters, CAN Isolation, and Others

#### 4.3: European Digital Isolator Market

4.3.1: European Digital Isolator Market by Technology: Capacitive Coupling, Magnetic Coupling, Giant Magnetoresistive, and Others

4.3.2: European Digital Isolator Market by Application: Gate Drivers, DC/DC Converters, Analog to Digital Converters, Analog to Digital Converters, CAN Isolation, and Others

#### 4.4: APAC Digital Isolator Market

4.4.1: APAC Digital Isolator Market by Technology: Capacitive Coupling, Magnetic Coupling, Giant Magnetoresistive, and Others

4.4.2: APAC Digital Isolator Market by Application: Gate Drivers, DC/DC Converters, Analog to Digital Converters, Analog to Digital Converters, CAN Isolation, and Others

#### 4.5: ROW Digital Isolator Market

4.5.1: ROW Digital Isolator Market by Technology: Capacitive Coupling, Magnetic Coupling, Giant Magnetoresistive, and Others

4.5.2: ROW Digital Isolator Market by Application: Gate Drivers, DC/DC Converters, Analog to Digital Converters, Analog to Digital Converters, CAN Isolation, and Others

### **5. COMPETITOR ANALYSIS**

#### 5.1: Product Portfolio Analysis

#### 5.2: Operational Integration

#### 5.3: Porter's Five Forces Analysis

### **6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS**

#### 6.1: Growth Opportunity Analysis

6.1.1: Growth Opportunities for the Global Digital Isolator Market by Technology

6.1.2: Growth Opportunities for the Global Digital Isolator Market by Data Rate

6.1.3: Growth Opportunities for the Global Digital Isolator Market by Channel

6.1.4: Growth Opportunities for the Global Digital Isolator Market by Application

6.1.5: Growth Opportunities for the Global Digital Isolator Market Region



6.2: Emerging Trends in the Global Digital Isolator Market

6.3: Strategic Analysis

6.3.1: New Product Development

6.3.2: Capacity Expansion of the Global Digital Isolator Market

6.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Digital Isolator Market

6.3.4: Certification and Licensing

## **7. COMPANY PROFILES OF LEADING PLAYERS**

7.1: Texas Instruments, Analog Devices, Skyworks Solutions, Broadcom, Infineon Technologies

7.2: Analog Devices

7.3: Skyworks Solutions

7.4: Broadcom

7.5: Infineon Technologies

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