

# Global Digital Isolator Market Size, Share And Growth Analysis For 2024-2033

*The Business Research Company's Digital Isolator Global Market Report 2024 – Market Size, Trends, And Global Forecast 2024-2033*

LONDON, GREATER LONDON, UK, July 11, 2024 /EINPresswire.com/ -- The digital isolator market has experienced robust growth in recent years, expanding from \$2.23 billion in 2023 to \$2.4 billion in 2024 at a compound annual growth rate (CAGR) of 7.6%. The growth in the historic period can be attributed to stigma reduction, increased awareness, telehealth adoption, employer wellness programs.



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## Strong Future Growth Anticipated

The digital isolator market is projected to continue its strong growth, reaching \$3.16 billion in 2028 at a compound annual growth rate (CAGR) of 7.1%. The growth in the forecast period can be attributed to regulatory support, expanded insurance coverage, tailored interventions, global mental health initiatives, integration into education.

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## Growth Driver Of The Digital Isolator Market

Increasing demand for consumer electronics is expected to propel the digital isolator market going forward. Consumer electronics refers to electronic devices and gadgets designed for personal use, entertainment, communication, and productivity. Digital isolators are used in consumer electronics to provide a barrier that prevents direct electrical connections between different sections of a circuit with enhanced performance, safety, and reliability.

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### Major Players And Market Trends

Key players in the digital isolator market include Broadcom Inc., Texas Instruments Inc., STMicroelectronics NV, TDK Corporation, Infineon Technologies AG, Murata Manufacturing Co. Ltd., NXP Semiconductors NV, Analog Devices Inc., Renesas Electronics Corporation, ON Semiconductor Corporation, Skyworks Solutions Inc., DigiKey Corporation, Littelfuse Inc., Nexperia BV, Advantech Co. Ltd., Monolithic Power Systems Inc., Mornsun Power GmbH, Silicon Laboratories Inc., National Instruments Corporation, IXYS Corporation, Vicor Corporation, Suzhou Novosense Microelectronics Co. Ltd., Celsa Group, Toshiba Electronic Devices & Storage Corporation, GLYN Ltd & Co. KG, 2Pai Semiconductor Co. Ltd., Halo Electronics Inc., E-MAX Instruments Inc., Rhopoint Components Ltd..

Major companies operating in the digital isolator market are developing advanced products such as ISOFACE 2DIBx4xxF to enhance reliability, efficiency, and safety in various environments and thereby drive revenues in the market.

### Segments:

- 1) By Technology: Capacitive Coupling, Magnetic Coupling, Giant Magnetoresistive, Other Technologies
- 2) By Data Rate: Up to 25 Mbps, 25 – 75 Mbps, Above 75 Mbps
- 3) By Channel: 2 Channel, 4 Channel, 6 Channel, 8 Channel, Other Channels
- 4) By Insulation: Polyimide-Based, Silicon Dioxide (SiO<sub>2</sub>)-Based, Other Insulations
- 5) By Industry Vertical: Automotive, IT And Telecommunications, Aerospace And Defense, Consumer Electronics, Energy And Power, Other Industries

### Geographical Insights: Asia-Pacific Leading The Market

Asia-Pacific was the largest region in the digital isolator market in 2023. Asia-Pacific is expected to be the fastest-growing region during the forecast period, driven by expanding healthcare facilities and increasing awareness of the benefits of digital isolator.

### Digital Isolator Market Definition

Digital isolators refer to integrated devices designed to offer significant isolation when transmitting digital and analog signals. They play a pivotal role in ensuring a distinct barrier between the electronic setup and its users. These isolators find extensive applications in electronic circuitry, predominantly in industrial electronic devices to shield both the system and its users from potential high-voltage threats.

Digital Isolator Global Market Report 2024 from THE BUSINESS RESEARCH COMPANY covers the following information:

- Market size data for the forecast period: Historical and Future
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.

- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

Trends, opportunities, strategies and so much more.

The Digital Isolator Global Market Report 2024 by The Business Research Company is the most comprehensive report that provides insights on digital isolator market size, digital isolator market drivers and trends, digital isolator market major players, digital isolator competitors' revenues, digital isolator market positioning, and digital isolator market growth across geographies. The digital isolator market report helps you gain in-depth insights into opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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