

Digital Isolator Market 2017 Global Share, Trend, Segmentation and Forecast to 2021

The analysts forecast the global digital isolators market to grow at a CAGR of 7.33% during the period 2017-2021.

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[Global Digital Isolator Market](#)

Description

Isolation refers to avoiding direct current (DC) and unwanted alternative current (AC) between two parts of an electrical system, during signal and power transfer. Isolation in an electrical outfit is used to protect the user from transient voltages, avoid damage to expensive processors, break the ground loop in communication networks, and improve noise immunity. Isolation is also required to measure systems, which involve industrial environments with the possibility of transient voltages, noisy electrical environment, transient-sensitive applications, and environments with fluctuating ground potential. Applications of isolators are found in industrial automation systems, motor drives, solar inverters, healthcare equipment, hybrid electric vehicles (HEV), and power supplies. Digital isolators are devices that induce signal isolation in equipment, which need protection from transient voltages and ground loop voltages, and resistance from industrial noise.

Covered in this report

The report covers the present scenario and the growth prospects of the global digital isolators market for 2017-2021. To calculate the market size, the report considers the new installations, sales value and retrofit, and replacement services market..

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The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA



The Global Digital Isolators Market 2017-2021, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Key vendors

- Analog Devices
- Broadcom
- Maxim Integrated
- Silicon Laboratories
- Texas Instruments

Other prominent vendors

- Infineon Technologies
- ROHM Semiconductor
- Vicor
- NXP Semiconductors
- Murata Manufacturing
- NVE

Market driver

- Rising need for industrial automation
- For a full, detailed list, view our report

Market challenge

- Rising competition from unorganized players
- For a full, detailed list, view our report

Market trend

- Increasing use of digital isolators in higher altitudes
- For a full, detailed list, view our report

Key questions answered in this report

- What will the market size be in 2021 and what will the growth rate be?
- What are the key market trends?
- What is driving this market?
- What are the challenges to market growth?
- Who are the key vendors in this market space?
- What are the market opportunities and threats faced by the key vendors?
- What are the strengths and weaknesses of the key vendors?

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- Analog Devices
- Broadcom
- Maxim Integrated
- Silicon Laboratories

- Texas Instruments
 - Other prominent vendors
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