

Global Digital Isolators Market Status (2015-2019) and Forecast (2020-2024) by Region, Product Type & End-Use

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Abstracts

SUMMARY

A digital isolator is used to get a digital signal across a galvanic isolation boundary. They serve a similar purpose to optocouplers, except optocouplers are far too slow and error prone for high speed (1MHz+) digital signals. They also use a different coupling technology, usually transformer or RF link as opposed to an optical link. While digital isolators only work with digital signals, they are frequently used to transfer digitised versions of analogue signals. The resulting signal chain will have better bandwidth, accuracy and linearity in comparison to an optocoupler based system. Optocouplers have inherent non-linearity and high unit to unit variations (+- 50% of your signal), so the circuit will need to immune to these variations or each unit individually calibrated. Multiplexing digital channels across a single digital isolator path can be achieved very easily, which in turn simplifies the circuit and results in a net cost saving in-spite of using a more expensive isolation technology. In short, digital isolators are a superior to optocouplers in almost every regard.

The report forecast global Digital Isolators market to grow to reach xxx Million USD in 2019 with a CAGR of xx% during the period 2020-2024.

The report offers detailed coverage of Digital Isolators industry and main market trends. The market research includes historical and forecast market data, demand, application details, price trends, and company shares of the leading Digital Isolators by geography. The report splits the market size, by volume and value, on the basis of application type and geography.

First, this report covers the present status and the future prospects of the global Digital



Isolators market for 2015-2024.

And in this report, we analyze global market from 5 geographies: Asia-Pacific[China, Southeast Asia, India, Japan, Korea, Western Asia], Europe[Germany, UK, France, Italy, Russia, Spain, Netherlands, Turkey, Switzerland], North America[United States, Canada, Mexico], Middle East & Africa[GCC, North Africa, South Africa], South America[Brazil, Argentina, Columbia, Chile, Peru].

At the same time, we classify Digital Isolators according to the type, application by geography. More importantly, the report includes major countries market based on the type and application.

Finally, the report provides detailed profile and data information analysis of leading Digital Isolators company.

Key Content of Chapters as follows (Including and can be customized) :

Part 1: Market Overview, Development, and Segment by Type, Application & Region Part 2: Company information, Sales, Cost, Margin etc. Part 3: Global Market by company, Type, Application & Geography Part 4: Asia-Pacific Market by Type, Application & Geography Part 5: Europe Market by Type, Application & Geography Part 6: North America Market by Type, Application & Geography Part 7: South America Market by Type, Application & Geography Part 8: Middle East & Africa Market by Type, Application & Geography Part 9: Market Features Part 10: Investment Opportunity Part 11: Conclusion



Market Segment as follows:

By Region

Asia-Pacific[China, Southeast Asia, India, Japan, Korea, Western Asia]

Europe[Germany, UK, France, Italy, Russia, Spain, Netherlands, Turkey, Switzerland]

North America[United States, Canada, Mexico]

Middle East & Africa[GCC, North Africa, South Africa]

South America[Brazil, Argentina, Columbia, Chile, Peru]

Key Companies

Silicon Labs

ADI

ΤI

Broadcom Corporation

Maxim Integrated

Vicor

Rhopoint Components

NVE

ROHM

Market by Type



Capacitive Coupling

Optical coupling

Giant Magnetoresistive GMR

Magnetic Coupling

Market by Application

Energy Generation & Distribution

Industrial

Telecom

Others



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