

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Pulse Width Modulation (PWM) Controllers Market 2018, Forecast to 2023

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Abstracts

Pulse-width modulation (PWM), or pulse-duration modulation (PDM), is a modulation technique used to encode a message into a pulsing signal. Although this modulation technique can be used to encode information for transmission, its main use is to allow the control of the power supplied to electrical devices, especially to inertial loads such as motors. In addition, PWM is one of the two principal algorithms used in photovoltaic solar battery chargers, the other being maximum power point tracking.

Scope of the Report:

This report focuses on the Pulse Width Modulation (PWM) Controllers in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Currently, The industry is highly concentrated, technical barriers and financial barriers are relatively high. The companies in the world that produce Pulse Width Modulation (PWM) Controllers mainly concentrate in North America, Europe and Japan, Raw materials are also concentrated in these regions. In particular, as the market leader in Pulse Width Modulation (PWM) Controllers, Analog Devices (Linear Technology), Texas Instruments, STMicroelectronics take the global sales market share of more than 45%, other key manufacturers include ON Semiconductor, Microchip Technology, Maxim Integrated, Infineon Technology, Vishay, Diodes Incorporated, Renesas Electronics, Semtech, Active-Semi. The production of Pulse Width Modulation (PWM) Controllers increased from 4074 M Pcs in 2012 to 6980 M Pcs in 2016, with an average growth rate

of 14.26%.

Pulse Width Modulation (PWM) Controllers can be classified as two types, such as Current Mode PWM Controllers Voltage Mode PWM Controllers. It can be widely used in many industries. Survey results showed that 31.20% of the Pulse Width Modulation (PWM) Controllers market is consumer electronics, 18.77% is Industry in 2016, 29.49% in Automobile. With the development of economy, Countries increasingly stringent environmental requirements?these industries will need more Pulse Width Modulation (PWM) Controllers. So, Pulse Width Modulation (PWM) Controllers has a huge market potential in the future.

The worldwide market for Pulse Width Modulation (PWM) Controllers is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Analog Devices (Linear Technology)

Texas Instruments

STMicroelectronics

ON Semiconductor

Microchip Technology

Maxim Integrated

Infineon Technology

Vishay

Diodes Incorporated

Renesas Electronics

Semtech

Active-Semi

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Current Mode PWM Controllers

Voltage Mode PWM Controllers

Market Segment by Applications, can be divided into

Consumer Electronics

Telecommunication

Automotive

Industrial

Other

There are 15 Chapters to deeply display the global Pulse Width Modulation (PWM) Controllers market.

Chapter 1, to describe Pulse Width Modulation (PWM) Controllers Introduction, product

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Pulse Width Modulation (PW...

scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Pulse Width Modulation (PWM) Controllers, with sales, revenue, and price of Pulse Width Modulation (PWM) Controllers, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Pulse Width Modulation (PWM) Controllers, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Pulse Width Modulation (PWM) Controllers market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Pulse Width Modulation (PWM) Controllers sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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