

# **Global Digital Phase Shifters Market Size study, by Application (Digital Phase Shifters for Telecommunication, Digital Phase Shifters for Satellite Communication, Digital Phase Shifters for Radars), by Number of Bits (4-Bit Digital Phase Shifters, 5-Bit Digital Phase Shifters, 6-Bit Digital Phase Shifters, 8-Bit Digital Phase Shifters, Others) and Regional Forecasts 2022-2028**

<https://marketpublishers.com/r/G1F6877FFA29EN.html>

Date: May 2022

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G1F6877FFA29EN

## **Abstracts**

Global Digital Phase Shifters Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2028. Digital Phase Shifters change the phase of RF, microwave, or millimeter-wave signals while providing no amplitude change. They are used in a variety of applications, including RF PA linearization/RF distortion, amplitude and phase modulation, variable attenuators, and fiber optics. The increasing importance of aerial defense among security forces and rising telecommunication infrastructure led to the adoption of Digital Phase Shifters across the forecast period. For Instance: As per the IBEF, The total wireless data usage in India grew 16.54% quarterly to reach 32,397 PB in the first quarter of FY22. The contribution of 3G and 4G data usage to the total volume of wireless data usage was 1.78% and 97.74%, respectively, in the third quarter of FY21. Share of 2G data usage stood at 0.48% in the same quarter and by 2025, India will need 22 million skilled workers in 5G-centric technologies such as Internet of Things (IoT), Artificial Intelligence (AI), robotics and cloud computing. Also, with the rapidly growing popularity of 5g technology, the adoption & demand for Digital Phase Shifters is likely to increase the market growth during the forecast period. However, high manufacturing costs impede the growth of the market over the forecast period of

2022-2028.

The key regions considered for the global Digital Phase Shifters market study include Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading region across the world in terms of market share owing to the demand in telecommunication, aerospace and defense, weather forecast and commercialization of space exploration and the humongous defense budget. Whereas, Asia-Pacific is also anticipated to exhibit the highest growth rate over the forecast period 2022-2028. Factors such as rising disposable income, rising large population, existence of multiple telecommunication firms, rising automation would create lucrative growth prospects for the Digital Phase Shifters market across Asia-Pacific region.

Major market players included in this report are:

Mercury Systems

Qorvo

Aelius Semiconductors

Analog Devices

Astra Microwave Products Limited

Murata Manufacturing Co. Ltd.

Crane Aerospace & Electronics

DS Instruments

L3 Narda-MITEQ

MACOM

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

Digital Phase Shifters for Telecommunication

Digital Phase Shifters for Satellite Communication

Digital Phase Shifters for Radars

By Number of Bits:

4-Bit Digital Phase Shifters

5-Bit Digital Phase Shifters

6-Bit Digital Phase Shifters

8-Bit Digital Phase Shifters

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Digital Phase Shifters Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Billion)
  - 1.2.1. Digital Phase Shifters Market, by Region, 2020-2028 (USD Billion)
  - 1.2.2. Digital Phase Shifters Market, by Application, 2020-2028 (USD Billion)
  - 1.2.3. Digital Phase Shifters Market, by Number of Bits, 2020-2028 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL DIGITAL PHASE SHIFTERS MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL DIGITAL PHASE SHIFTERS MARKET DYNAMICS**

- 3.1. Digital Phase Shifters Market Impact Analysis (2020-2028)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increasing importance of aerial defense among security forces
    - 3.1.1.2. Rising telecommunication infrastructure
  - 3.1.2. Market Challenges
    - 3.1.2.1. High costs
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Rapidly growing popularity of 5G technology

### **CHAPTER 4. GLOBAL DIGITAL PHASE SHIFTERS MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers

- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2028)
- 4.2. PEST Analysis
  - 4.2.1. Political
  - 4.2.2. Economical
  - 4.2.3. Social
  - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion
- 4.5. Top investment opportunity
- 4.6. Top winning strategies

## **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

- 5.1.1. Assessment of the overall impact of COVID-19 on the industry
- 5.1.2. Pre COVID-19 and post COVID-19 market scenario

## **CHAPTER 6. GLOBAL DIGITAL PHASE SHIFTERS MARKET, BY APPLICATION**

- 6.1. Market Snapshot
- 6.2. Global Digital Phase Shifters Market by Application, Performance - Potential Analysis
- 6.3. Global Digital Phase Shifters Market Estimates & Forecasts by Application, 2018-2028 (USD Billion)
- 6.4. Digital Phase Shifters Market, Sub Segment Analysis
  - 6.4.1. Digital Phase Shifters for Telecommunication
  - 6.4.2. Digital Phase Shifters for Satellite Communication
  - 6.4.3. Digital Phase Shifters for Radars

## **CHAPTER 7. GLOBAL DIGITAL PHASE SHIFTERS MARKET, BY NUMBER OF BITS**

- 7.1. Market Snapshot
- 7.2. Global Digital Phase Shifters Market by Number of Bits, Performance – Potential Analysis
- 7.3. Global Digital Phase Shifters Market Estimates & Forecasts by Number of Bits, 2018-2028 (USD Billion)

## 7.4. Digital Phase Shifters Market, Sub Segment Analysis

- 7.4.1. 4-Bit Digital Phase Shifters
- 7.4.2. 5-Bit Digital Phase Shifters
- 7.4.3. 6-Bit Digital Phase Shifters
- 7.4.4. 8-Bit Digital Phase Shifters
- 7.4.5. Others

## **CHAPTER 8. GLOBAL DIGITAL PHASE SHIFTERS MARKET, REGIONAL ANALYSIS**

### 8.1. Digital Phase Shifters Market, Regional Market Snapshot

### 8.2. North America Digital Phase Shifters Market

#### 8.2.1. U.S. Digital Phase Shifters Market

##### 8.2.1.1. Application breakdown estimates & forecasts, 2018-2028

##### 8.2.1.2. Number of Bits breakdown estimates & forecasts, 2018-2028

#### 8.2.2. Canada Digital Phase Shifters Market

### 8.3. Europe Digital Phase Shifters Market Snapshot

#### 8.3.1. U.K. Digital Phase Shifters Market

#### 8.3.2. Germany Digital Phase Shifters Market

#### 8.3.3. France Digital Phase Shifters Market

#### 8.3.4. Spain Digital Phase Shifters Market

#### 8.3.5. Italy Digital Phase Shifters Market

#### 8.3.6. Rest of Europe Digital Phase Shifters Market

### 8.4. Asia-Pacific Digital Phase Shifters Market Snapshot

#### 8.4.1. China Digital Phase Shifters Market

#### 8.4.2. India Digital Phase Shifters Market

#### 8.4.3. Japan Digital Phase Shifters Market

#### 8.4.4. Australia Digital Phase Shifters Market

#### 8.4.5. South Korea Digital Phase Shifters Market

#### 8.4.6. Rest of Asia Pacific Digital Phase Shifters Market

### 8.5. Latin America Digital Phase Shifters Market Snapshot

#### 8.5.1. Brazil Digital Phase Shifters Market

#### 8.5.2. Mexico Digital Phase Shifters Market

### 8.6. Rest of The World Digital Phase Shifters Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

### 9.1. Top Market Strategies

### 9.2. Company Profiles

- 9.2.1. Mercury Systems
  - 9.2.1.1. Key Information
  - 9.2.1.2. Overview
  - 9.2.1.3. Financial (Subject to Data Availability)
  - 9.2.1.4. Product Summary
  - 9.2.1.5. Recent Developments
- 9.2.2. Qorvo
- 9.2.3. Aelius Semiconductors
- 9.2.4. Analog Devices
- 9.2.5. Astra Microwave Products Limited
- 9.2.6. Murata Manufacturing Co. Ltd.
- 9.2.7. Crane Aerospace & Electronics
- 9.2.8. DS Instruments
- 9.2.9. L3 Narda-MITEQ
- 9.2.10. MACOM

## **CHAPTER 10. RESEARCH PROCESS**

- 10.1. Research Process
  - 10.1.1. Data Mining
  - 10.1.2. Analysis
  - 10.1.3. Market Estimation
  - 10.1.4. Validation
  - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption



## List Of Tables

### LIST OF TABLES

TABLE 1. Global Digital Phase Shifters market, report scope

TABLE 2. Global Digital Phase Shifters market estimates & forecasts by Region  
2018-2028 (USD Billion)

TABLE 3. Global Digital Phase Shifters market estimates & forecasts by Application  
2018-2028 (USD Billion)

TABLE 4. Global Digital Phase Shifters market estimates & forecasts by Number of Bits  
2018-2028 (USD Billion)

TABLE 5. Global Digital Phase Shifters market by segment, estimates & forecasts,  
2018-2028 (USD Billion)

TABLE 6. Global Digital Phase Shifters market by region, estimates & forecasts,  
2018-2028 (USD Billion)

TABLE 7. Global Digital Phase Shifters market by segment, estimates & forecasts,  
2018-2028 (USD Billion)

TABLE 8. Global Digital Phase Shifters market by region, estimates & forecasts,  
2018-2028 (USD Billion)

TABLE 9. Global Digital Phase Shifters market by segment, estimates & forecasts,  
2018-2028 (USD Billion)

TABLE 10. Global Digital Phase Shifters market by region, estimates & forecasts,  
2018-2028 (USD Billion)

TABLE 11. Global Digital Phase Shifters market by segment, estimates & forecasts,  
2018-2028 (USD Billion)

TABLE 12. Global Digital Phase Shifters market by region, estimates & forecasts,  
2018-2028 (USD Billion)

TABLE 13. Global Digital Phase Shifters market by segment, estimates & forecasts,  
2018-2028 (USD Billion)

TABLE 14. Global Digital Phase Shifters market by region, estimates & forecasts,  
2018-2028 (USD Billion)

TABLE 15. U.S. Digital Phase Shifters market estimates & forecasts, 2018-2028 (USD  
Billion)

TABLE 16. U.S. Digital Phase Shifters market estimates & forecasts by segment  
2018-2028 (USD Billion)

TABLE 17. U.S. Digital Phase Shifters market estimates & forecasts by segment  
2018-2028 (USD Billion)

TABLE 18. Canada Digital Phase Shifters market estimates & forecasts, 2018-2028  
(USD Billion)

TABLE 19. Canada Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 20. Canada Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 21. UK Digital Phase Shifters market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 22. UK Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 23. UK Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 24. Germany Digital Phase Shifters market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 25. Germany Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 26. Germany Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 27. RoE Digital Phase Shifters market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 28. RoE Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 29. RoE Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 30. China Digital Phase Shifters market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 31. China Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 32. China Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 33. India Digital Phase Shifters market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 34. India Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 35. India Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 36. Japan Digital Phase Shifters market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 37. Japan Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 38. Japan Digital Phase Shifters market estimates & forecasts by segment

2018-2028 (USD Billion)

TABLE 39. RoAPAC Digital Phase Shifters market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 40. RoAPAC Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 41. RoAPAC Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 42. Brazil Digital Phase Shifters market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 43. Brazil Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 44. Brazil Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 45. Mexico Digital Phase Shifters market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 46. Mexico Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 47. Mexico Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 48. RoLA Digital Phase Shifters market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 49. RoLA Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 50. RoLA Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 51. Row Digital Phase Shifters market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 52. Row Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 53. Row Digital Phase Shifters market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 54. List of secondary sources, used in the study of global Digital Phase Shifters market

TABLE 55. List of primary sources, used in the study of global Digital Phase Shifters market

TABLE 56. Years considered for the study

TABLE 57. Exchange rates considered

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Digital Phase Shifters market, research methodology
- FIG 2. Global Digital Phase Shifters market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Digital Phase Shifters market, key trends 2021
- FIG 5. Global Digital Phase Shifters market, growth prospects 2022-2028
- FIG 6. Global Digital Phase Shifters market, porters 5 force model
- FIG 7. Global Digital Phase Shifters market, pest analysis
- FIG 8. Global Digital Phase Shifters market, value chain analysis
- FIG 9. Global Digital Phase Shifters market by segment, 2018 & 2028 (USD Billion)
- FIG 10. Global Digital Phase Shifters market by segment, 2018 & 2028 (USD Billion)
- FIG 11. Global Digital Phase Shifters market by segment, 2018 & 2028 (USD Billion)
- FIG 12. Global Digital Phase Shifters market by segment, 2018 & 2028 (USD Billion)
- FIG 13. Global Digital Phase Shifters market by segment, 2018 & 2028 (USD Billion)
- FIG 14. Global Digital Phase Shifters market, regional snapshot 2018 & 2028
- FIG 15. North America Digital Phase Shifters market 2018 & 2028 (USD Billion)
- FIG 16. Europe Digital Phase Shifters market 2018 & 2028 (USD Billion)
- FIG 17. Asia pacific Digital Phase Shifters market 2018 & 2028 (USD Billion)
- FIG 18. Latin America Digital Phase Shifters market 2018 & 2028 (USD Billion)
- FIG 19. Global Digital Phase Shifters market, company market share analysis (2021)

## I would like to order

Product name: Global Digital Phase Shifters Market Size study, by Application (Digital Phase Shifters for Telecommunication, Digital Phase Shifters for Satellite Communication, Digital Phase Shifters for Radars), by Number of Bits (4-Bit Digital Phase Shifters, 5-Bit Digital Phase Shifters, 6-Bit Digital Phase Shifters, 8-Bit Digital Phase Shifters, Others) and Regional Forecasts 2022-2028

Product link: <https://marketpublishers.com/r/G1F6877FFA29EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G1F6877FFA29EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970