

# Global Inductor Market by Type (Fixed Inductor, Variable Inductor, Couple Inductor, Multilayer Inductor, Power Inductor, and Surface Mount Inductor), by Application, and by Geography - Analysis and Forecast (2014 - 2019)

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## Abstracts

Inductors are one of the four fundamental types of passive electronic components, the other three being the resistor, the capacitor, and the memristor. Inductors are formed with the help of a wire tightly wrapped around a solid central core, to concentrate their magnetic flux. The inductor market has been segmented with respect to types including fixed, variable, couple, surface mount, multilayer, and power inductor and also by core type including air core, ferromagnetic core, ceramic core, toroidal core, and laminated core.

The global inductor market was valued at USD 2780 million in 2014 and is expected to reach USD 3750 million by 2018, at a CAGR of 6.2% from 2014 to 2019.

Continuous research and development in the field has resulted in size minimization, weight reduction, and easy surface mounting methods along with, reducing the time and money, thereby driving the rapid growth of the inductor market. Additionally, factors such as the increasing usage of passive components and the roll-out of sophisticated electronic components are driving the growth of this market.

Inductor is an integral part of antennae. The increasing demand for wireless devices such as routers, access points, gateways, and broadcasting systems, along with smartphones and tablets is driving the RF & Telecommunication inductor market. Other application areas of inductor are automotive industry, power industry, industrial sector, military & defense, and consumer electronics.

The global inductor market has been segmented on the basis of regions into the Asia-Pacific, North America, Europe, Latin America, and Rest of the World. Asia-Pacific (APAC) is expected to grow at the highest CAGR of 7.6% during the forecast period due to various factors such as demographic changes, increasing demand of smart devices, rise in purchasing power, and growing population.

This report provides an in-depth study of the global inductor market with expert opinion of the related industry experts. The report also includes the drivers and inhibitors for the inductor market along with, the demand and supply side market analysis. The competitive product portfolio analysis of the key players in this market has also been covered in detail. The report also provides financial details, strategy, and recent developments of the major companies present in this market along with, the current and future trends for the global inductor market.

### Scope of the Report

This research report categorizes the global inductor market into the following segments and sub segments:

#### Global Inductor Market, by Core Type

Air Core

Ferromagnetic Core

Laminate Core

Ferrite Core

Toroidal Core

#### Global Inductor Market, by Application

Automotive

Transmission & Distribution

Industrial sector

RF & Telecommunication

Military & Defense

## Europe Inductor Market, by Geography

North America

South America

Europe

Asia-Pacific

Rest of World

## Contents

### **1 INTRODUCTION**

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET SEGMENTATION & COVERAGE
- 1.3 STAKEHOLDERS

### **2 RESEARCH METHODOLOGY**

- 2.1 INTEGRATED ECOSYSTEM OF INDUCTOR MARKET
- 2.2 ARRIVING AT THE GLOBAL INDUCTOR MARKET SIZE
  - 2.2.1 TOP-DOWN APPROACH
  - 2.2.2 BOTTOM-UP APPROACH
  - 2.2.3 DEMAND SIDE ANALYSIS
  - 2.2.4 MACRO INDICATOR-BASED APPROACH
    - 2.2.4.1 R&D Expenditure, By Region (USD MN)
- 2.3 ASSUMPTIONS

### **3 EXECUTIVE SUMMARY**

### **4 MARKET OVERVIEW**

- 4.1 INTRODUCTION
- 4.2 GLOBAL INDUCTOR MARKET: COMPARISON WITH PARENT MARKET
- 4.3 MARKET DRIVERS AND INHIBITORS
- 4.4 KEY MARKET DYNAMICS
- 4.5 DEMAND SIDE ANALYSIS

### **5 GLOBAL INDUCTOR MARKET, BY TYPE**

- 5.1 INTRODUCTION
  - 5.1.1 FIXED INDUCTOR, CHOKE, COIL
  - 5.1.2 VARIABLE INDUCTOR
  - 5.1.3 COUPLED INDUCTOR
  - 5.1.4 MULTILAYERED INDUCTOR
  - 5.1.5 POWER INDUCTOR
  - 5.1.6 SURFACE MOUNT INDUCTOR
- 5.2 GLOBAL INDUCTOR MARKET, BY VALUE

5.3 GLOBAL INDUCTOR MARKET, BY VOLUME

5.4 GLOBAL INDUCTOR MARKET, TYPE COMPARISON WITH DISCRETE PASSIVE COMPONENT MARKET

## **6 GLOBAL INDUCTOR MARKET, BY CORE TYPE**

6.1 INTRODUCTION

6.1.1 AIR CORE

6.1.2 FERROMAGNETIC/FERRITE CORE

6.1.3 LAMINATED CORE

6.1.4 CERAMIC CORE

6.1.5 TOROIDAL CORE

6.2 GLOBAL INDUCTOR MARKET, BY VALUE

6.3 GLOBAL INDUCTOR MARKET, BY VOLUME

6.4 GLOBAL INDUCTOR MARKET, CORE TYPE COMPARISON WITH DISCRETE PASSIVE COMPONENT MARKET

## **7 GLOBAL INDUCTOR MARKET, BY APPLICATION**

7.1 INTRODUCTION

7.2 GLOBAL INDUCTOR MARKET, BY VALUE

7.3 GLOBAL INDUCTOR MARKET, BY VOLUME

7.4 INDUCTOR MARKET IN AUTOMOTIVE, BY GEOGRAPHY

7.5 INDUCTOR MARKET IN TRANSMISSION & DISTRIBUTION, BY GEOGRAPHY

7.6 INDUCTOR MARKET IN INDUSTRIAL SECTOR, BY GEOGRAPHY

7.7 INDUCTORS IN RF & TELECOMMUNICATION, BY GEOGRAPHY

7.8 INDUCTORS IN MILITARY & DEFENSE, BY GEOGRAPHY

7.9 INDUCTOR MARKET IN CONSUMER ELECTRONICS, BY GEOGRAPHY

## **8 GLOBAL INDUCTOR MARKET, BY GEOGRAPHY**

8.1 INTRODUCTION

8.1.1 NORTH AMERICA

8.1.2 SOUTH AMERICA

8.1.3 EUROPE

8.1.4 ASIA-PACIFIC

8.1.5 ROW

8.2 GLOBAL INDUCTOR MARKET PRODUCTION, BY VALUE

8.3 GLOBAL INDUCTOR MARKET PRODUCTION, BY VOLUME

8.4 GLOBAL INDUCTOR MARKET CONSUMPTION, BY VALUE

8.5 GLOBAL INDUCTOR MARKET CONSUMPTION, BY VOLUME

8.6 GLOBAL INDUCTOR MARKET IMPORT DEPENDENCY ANALYSIS

8.6.1 GLOBAL INDUCTOR MARKET IMPORT DEPENDENCY ANALYSIS, BY VALUE

8.6.2 GLOBAL INDUCTOR MARKET IMPORT DEPENDENCY ANALYSIS, BY VOLUME

## **9 GLOBAL INDUCTOR MARKET: COMPETITIVE LANDSCAPE**

9.1 INTRODUCTION

9.1.1 GLOBAL INDUCTOR MARKET: COMPANY SHARE ANALYSIS

9.1.2 RECENT DEVELOPMENTS

9.1.2.1 New Product Development

9.1.2.2 Other developments

## **10 GLOBAL INDUCTOR MARKET, BY COMPANY**

10.1 VISHAY INTERTECHNOLOGY

10.1.1 OVERVIEW

10.1.2 PRODUCT PORTFOLIO

10.1.3 FINANCIALS

10.1.4 MMM ANALYSIS

10.1.5 RECENT DEVELOPMENTS

10.2 TDK CORPORATION

10.2.1 OVERVIEW

10.2.2 PRODUCT PORTFOLIO

10.2.3 FINANCIALS

10.2.4 MMM ANALYSIS

10.2.5 RECENT DEVELOPMENTS

10.3 DELTA ELECTRONICS, INC.

10.3.1 OVERVIEW

10.3.2 PRODUCT PORTFOLIO

10.3.3 FINANCIALS

10.3.4 MMM ANALYSIS

10.4 MURATA MANUFACTURING CO. LTD.

10.4.1 OVERVIEW

10.4.2 PRODUCT PORTFOLIO

10.4.3 FINANCIALS

- 10.4.4 MMM ANALYSIS
- 10.4.5 RECENT DEVELOPMENTS
- 10.5 TAIYO YUDEN CO., LTD.
  - 10.5.1 OVERVIEW
  - 10.5.2 PRODUCT PORTFOLIO
  - 10.5.3 FINANCIALS
  - 10.5.4 MMM ANALYSIS
  - 10.5.5 RECENT DEVELOPMENTS
- 10.6 AVX CORPORATION
  - 10.6.1 OVERVIEW
  - 10.6.2 PRODUCT PORTFOLIO
  - 10.6.3 FINANCIALS
  - 10.6.4 MMM ANALYSIS
  - 10.6.5 RECENT DEVELOPMENTS
- 10.7 COILCRAFT, INC.
  - 10.7.1 OVERVIEW
  - 10.7.2 PRODUCT PORTFOLIO
  - 10.7.3 MMM ANALYSIS
  - 10.7.4 RECENT DEVELOPMENTS
- 10.8 ICE COMPONENTS
  - 10.8.1 OVERVIEW
  - 10.8.2 PRODUCT PORTFOLIO
  - 10.8.3 MMM ANALYSIS
- 10.9 PANASONIC CORPORATION
  - 10.9.1 OVERVIEW
  - 10.9.2 PRODUCT PORTFOLIO
  - 10.9.3 FINANCIALS
  - 10.9.4 MMM ANALYSIS
  - 10.9.5 RECENT DEVELOPMENTS
- 10.10 PULSE ELECTRONICS CORPORATION
  - 10.10.1 OVERVIEW
  - 10.10.2 PRODUCT PORTFOLIO
  - 10.10.3 FINANCIALS
  - 10.10.4 MMM ANALYSIS
  - 10.10.5 RECENT DEVELOPMENTS

## **11 APPENDIX**

### **11.1 CUSTOMIZATION OPTIONS**

- 11.1.1 PRODUCT PORTFOLIO ANALYSIS
- 11.1.2 COUNTRY-LEVEL DATA ANALYSIS
- 11.1.3 PRODUCT COMPARISON OF VARIOUS COMPETITORS
- 11.1.4 TRADE ANALYSIS
- 11.2 RELATED REPORTS

## **12 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE**

- 12.1 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE
- 12.2 RT SNAPSHOTS
  - 12.2.1 SNAPSHOT 1: ECOSYSTEM
  - 12.2.2 SNAPSHOT 2: QUANTITATIVE CHART
  - 12.2.3 SNAPSHOT 3: HEAT MAP, COMPANIES



## List Of Tables

### LIST OF TABLES

Table 1 GLOBAL INDUCTOR MARKET: MACRO INDICATOR, BY GEOGRAPHY, (USD MN)

Table 2 GLOBAL INDUCTOR MARKET: COMPARISON WITH PARENT MARKET, 2013–2019 (USD MN)

Table 3 GLOBAL INDUCTOR MARKET: DRIVERS AND INHIBITORS

Table 4 GLOBAL INDUCTOR MARKET, BY APPLICATION, 2013–2019 (USD MN)

Table 5 GLOBAL INDUCTOR MARKET, BY APPLICATION, 2013–2019 (MILLION UNITS)

Table 6 GLOBAL INDUCTOR MARKET: COMPARISON WITH APPLICATION MARKET, 2013–2019(MILLION USD)

Table 7 GLOBAL INDUCTOR MARKET, BY TYPE, 2013–2019 (USD MN)

Table 8 GLOBAL INDUCTOR MARKET, BY TYPE, 2013–2019 (MILLION UNITS)

Table 9 GLOBAL INDUCTOR MARKET: TYPE COMPARISON WITH PARENT MARKET, 2013–2019 (USD MN)

Table 10 GLOBAL INDUCTOR MARKET, BY CORE TYPE, 2013–2019 (USD MN)

Table 11 GLOBAL INDUCTOR MARKET, BY CORE TYPE, 2013–2019(MILLION UNITS)

Table 12 GLOBAL INDUCTOR MARKET: CORE TYPE COMPARISON WITH PARENT MARKET, 2013–2019 (USD MN)

Table 13 GLOBAL INDUCTOR MARKET, BY APPLICATION, 2013–2019 (USD MN)

Table 14 GLOBAL INDUCTOR MARKET, BY APPLICATION, 2013–2019 (MILLION UNITS)

Table 15 INDUCTOR MARKET IN AUTOMOTIVE, BY GEOGRAPHY, 2013–2019 (USD MN)

Table 16 INDUCTOR MARKET IN AUTOMOTIVE, BY GEOGRAPHY, 2013–2019 (MILLION UNITS)

Table 17 INDUCTOR MARKET IN TRANSMISSION & DISTRIBUTION, BY GEOGRAPHY, 2013–2019 (USD MN)

Table 18 INDUCTOR MARKET IN TRANSMISSION & DISTRIBUTION, BY GEOGRAPHY, 2013–2019 (MILLION UNITS)

Table 19 INDUCTOR MARKET IN INDUSTRIAL SECTOR, BY GEOGRAPHY, 2013–2019 (USD MN)

Table 20 INDUCTOR MARKET IN INDUSTRIAL SECTOR, BY GEOGRAPHY, 2013–2019 (MILLION UNITS)

Table 21 INDUCTOR MARKET IN RF & TELECOMMUNICATION, BY GEOGRAPHY,

2013–2019 (USD MN)

Table 22 INDUCTOR MARKET IN RF & TELECOMMUNICATION, BY GEOGRAPHY, 2013–2019 (MILLION UNITS)

Table 23 INDUCTOR MARKET IN MILITARY & DEFENSE, BY GEOGRAPHY, 2013–2019 (USD MN)

Table 24 INDUCTOR MARKET IN MILITARY & DEFENSE, BY GEOGRAPHY, 2013–2019 (MILLION UNITS)

Table 25 INDUCTOR MARKET IN CONSUMER ELECTRONICS, BY GEOGRAPHY, 2013–2019 (USD MN)

Table 26 INDUCTOR MARKET IN CONSUMER ELECTRONICS, BY GEOGRAPHY, 2013–2019 (MILLION UNITS)

Table 27 GLOBAL INDUCTOR MARKET, BY GEOGRAPHY, 2013–2019 (USD MN)

Table 28 GLOBAL INDUCTOR VOLUME MARKET, BY GEOGRAPHY (PRODUCTION), 2013–2019, (MILLION UNITS)

Table 29 GLOBAL INDUCTOR VALUE MARKET, BY GEOGRAPHY (CONSUMPTION), 2013–2019, (USD MN)

Table 30 GLOBAL INDUCTOR VOLUME MARKET, BY GEOGRAPHY (CONSUMPTION), 2013–2019, (MILLION UNITS)

Table 31 GLOBAL INDUCTOR MINIMUM IMPORTS MARKET, BY GEOGRAPHY, 2013–2019, (USD MN)

Table 32 GLOBAL INDUCTOR VOLUME MINIMUM IMPORTS MARKET, BY GEOGRAPHY, 2013–2019, (MILLION UNITS)

Table 33 GLOBAL INDUCTOR MARKET: COMPANY SHARE ANALYSIS, 2013 (%)

Table 34 VISHAY INTERTECHNOLOGY: TOTAL REVENUE, BY BUSINESS SEGMENT, 2009–2013 (USD MN)

Table 35 VISHAY INTERTECHNOLOGY: MARKET REVENUE BY GEOGRAPHY, 2009–2013 (USD MN)

Table 36 TDK CORPORATION: TOTAL REVENUE BY PRODUCT SEGMENT, 2010–2014 (USD MN)

Table 37 TDK CORPORATION: MARKET REVENUE BY GEOGRAPHY, 2010–2014 (USD MN)

Table 38 DELTA ELECTRONICS, INC.: TOTAL REVENUE BY BUSINESS SEGMENT, 2010–2014 (USD MN)

Table 39 DELTA ELECTRONICS, INC.: MARKET REVENUE BY GEOGRAPHY, 2010–2014 (USD MN)

Table 40 MURATA MANUFACTURING CO. LTD.: TOTAL REVENUE BY PRODUCT SEGMENT, 2010–2014 (USD MN)

Table 41 MURATA MANUFACTURING CO. LTD.: TOTAL REVENUE BY GEOGRAPHY, 2009–2013 (USD MN)

Table 42 TAIYO YUDEN: TOTAL REVENUE, BY BUSINESS SEGMENT, 2010–2014 (USD MN)

Table 43 TAIYO YUDEN: MARKET REVENUE BY GEOGRAPHY, 2010–2014 (USD MN)

Table 44 AVX CORP.: TOTAL REVENUE, BY BUSINESS SEGMENT, 2010–2014 (USD MN)

Table 45 AVX CORP.: MARKET REVENUE BY GEOGRAPHY, 2010–2014 (USD MN)

Table 46 PANASONIC CORPORATION: TOTAL REVENUE BY PRODUCT SEGMENT, 2010–2014 (USD MN)

Table 47 PANASONIC CORPORATION: MARKET REVENUE BY GEOGRAPHY, 2009–2013 (USD MN)

Table 48 PULSE ELECTRONICS CORP.: TOTAL REVENUE BY BUSINESS SEGMENT, 2009–2013 (USD MN)

Table 49 PULSE ELECTRONICS CORP.: TOTAL REVENUE BY GEOGRAPHY, 2009–2013 (USD MN)

## List Of Figures

### LIST OF FIGURES

- Figure 1 GLOBAL INDUCTOR MARKET: SEGMENTATION & COVERAGE
- Figure 2 INDUCTOR MARKET: INTEGRATED ECOSYSTEM
- Figure 3 RESEARCH METHODOLOGY
- Figure 4 TOP-DOWN APPROACH
- Figure 5 BOTTOM-UP APPROACH
- Figure 6 DEMAND SIDE ANALYSIS
- Figure 7 R&D EXPENDITURE, BY REGION (USD MN)
- Figure 8 GLOBAL INDUCTOR MARKET SNAPSHOT
- Figure 9 GLOBAL INDUCTOR MARKET: GROWTH ASPECTS
- Figure 10 GLOBAL INDUCTOR MARKET: GROWTH ANALYSIS, BY TYPE, 2014–2019 (%)
- Figure 11 GLOBAL INDUCTOR MARKET, BY APPLICATION, 2014 VS 2019
- Figure 12 GLOBAL INDUCTOR MARKET, BY GEOGRAPHY, 2014
- Figure 13 GLOBAL INDUCTOR MARKET, BY TYPE, 2014 & 2019 (USD MN)
- Figure 14 GLOBAL INDUCTOR MARKET, BY TYPE, 2014 & 2019 (MILLION UNITS)
- Figure 15 GLOBAL INDUCTOR MARKET: TYPE COMPARISON WITH DISCRETE PASSIVE COMPONENT MARKET, 2013–2019 (USD MN)
- Figure 16 GLOBAL INDUCTOR MARKET, BY CORE TYPE, 2014 & 2019 (USD MN)
- Figure 17 GLOBAL INDUCTOR MARKET, BY CORE TYPE, 2013 & 2019 (MILLION UNITS)
- Figure 18 GLOBAL INDUCTOR MARKET: CORE TYPE COMPARISON WITH DISCRETE PASSIVE COMPONENT MARKET, 2013–2019 (USD MN)
- Figure 19 GLOBAL INDUCTOR MARKET, BY APPLICATION, 2014 & 2019 (USD MN)
- Figure 20 GLOBAL INDUCTOR MARKET, BY APPLICATION, 2014–2019 (MILLION UNITS)
- Figure 21 GLOBAL INDUCTOR MARKET IN AUTOMOTIVE, BY GEOGRAPHY, 2013–2019 (USD MN)
- Figure 22 INDUCTORS IN TRANSMISSION & DISTRIBUTION, BY GEOGRAPHY, 2013–2019 (USD MN)
- Figure 23 INDUCTORS IN INDUSTRIAL SECTOR, BY GEOGRAPHY, 2013–2019 (USD MN)
- Figure 24 INDUCTORS IN RF & TELECOMMUNICATION, BY GEOGRAPHY, 2013–2019 (USD MN)
- Figure 25 INDUCTORS IN MILITARY & DEFENSE, BY GEOGRAPHY, 2013–2019 (USD MN)

Figure 26 INDUCTOR MARKET IN CONSUMER ELECTRONICS, BY GEOGRAPHY, 2013–2019 (USD MN)

Figure 27 INDUCTOR MARKET: GROWTH ANALYSIS, BY GEOGRAPHY, 2014-2019 (USD MN)

Figure 28 INDUCTOR MARKET: GROWTH ANALYSIS, BY GEOGRAPHY, 2014-2019 (MILLION UNITS)

Figure 29 INDUCTOR MARKET: GROWTH ANALYSIS, BY GEOGRAPHY, 2014-2019 (USD MN)

Figure 30 INDUCTOR MARKET: GROWTH ANALYSIS, BY GEOGRAPHY, 2014-2019 (MILLION UNITS)

Figure 31 GLOBAL INDUCTOR MARKET: COMPANY SHARE ANALYSIS, 2013 (%)

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