

# Inductors Market Report by Type (Wire Wound, Multilayered, Film, Molded), Core (Air Core, Ferromagnetic/Ferrite Core, and Others), End User (Automotive, Consumer Electronics, Aerospace and Defense, Communications, and Others), and Region 2024-2032

<https://marketpublishers.com/r/IEFC2C7DC892EN.html>

Date: July 2024

Pages: 143

Price: US\$ 3,899.00 (Single User License)

ID: IEFC2C7DC892EN

## Abstracts

The global inductors market size reached US\$ 4.4 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 6.0 Billion by 2032, exhibiting a growth rate (CAGR) of 3.4% during 2024-2032.

Inductors, also known as coils, refer to passive two-terminal components used in power electronic circuits to store energy in an electromagnetic field when the electric current is applied. These coil-like structures typically comprise conducting material like insulated copper wires looped around the central core made of either plastic or ferromagnetic material. They are primarily employed to reduce or control electric spikes or surges by temporarily storing energy in a magnetic field and releasing it back into the circuit. They are also utilized to store or transfer energy in power converters, choke, block or filter high-frequency noise in electrical circuits and create tuned oscillators. As a result, inductors find extensive applications across various industries, including consumer electronics, automotive, telecom, defense, aerospace, and medical.

### Inductors Market Trends:

Inductors are employed as filters in several complex electronic circuits to cut off undesirable frequencies and efficiently manage the power supply. The escalating demand for consumer electronics, such as laptops, smartphones, tablets and portable gaming consoles, represents the primary factor driving the market growth. Besides this,

the growing penetration of high-speed internet, improving living standards, and inflating consumer disposable incomes have strengthened the need for smart devices, which in turn, is augmenting the demand for inductors. Additionally, the rising usage of electronic components in automobiles and the shifting consumer preferences toward electric vehicles (EVs) are accelerating the adoption of inductors. Furthermore, the leading manufacturers are heavily investing in product innovations to gain a competitive edge and expand their product portfolio. Moreover, the increasing penetration of 5G technology, rising digitalization, emerging medical and industrial applications, and ongoing research and development (R&D) activities are some of the other factors providing a positive market outlook.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global inductors market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on type, core and end user.

#### Breakup by Type:

- Wire Wound
- Multilayered
- Film
- Molded

#### Breakup by Core:

- Air Core
- Ferromagnetic/Ferrite Core
- Others

#### Breakup by End User:

- Automotive
- Consumer Electronics
- Aerospace and Defense
- Communications
- Others

#### Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

#### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being ABC Taiwan Electronics Corp., Coilcraft Inc., Delta Electronics Inc., KYOCERA AVX Components Corporation (KYOCERA Corporation), Murata Manufacturing Co. Ltd., Panasonic Corporation, Samsung Electro-Mechanics, Sumida Corporation, Taiyo Yuden Co. Ltd., TDK Corporation, TT Electronics Plc, Vishay Intertechnology Inc. and Yageo Corporation.

#### Key Questions Answered in This Report:

How has the global inductors market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global inductors market?

What are the key regional markets?

- What is the breakup of the market based on the type?
- What is the breakup of the market based on the core?
- What is the breakup of the market based on the end user?
- What are the various stages in the value chain of the industry?
- What are the key driving factors and challenges in the industry?
- What is the structure of the global inductors market and who are the key players?
- What is the degree of competition in the industry?

## Contents

### **1 PREFACE**

### **2 SCOPE AND METHODOLOGY**

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### **3 EXECUTIVE SUMMARY**

### **4 INTRODUCTION**

- 4.1 Overview
- 4.2 Key Industry Trends

### **5 GLOBAL INDUCTORS MARKET**

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### **6 MARKET BREAKUP BY TYPE**

- 6.1 Wire Wound
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 Multilayered
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast
- 6.3 Film

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Molded
  - 6.4.1 Market Trends
  - 6.4.2 Market Forecast

## **7 MARKET BREAKUP BY CORE**

- 7.1 Air Core
  - 7.1.1 Market Trends
  - 7.1.2 Market Forecast
- 7.2 Ferromagnetic/Ferrite Core
  - 7.2.1 Market Trends
  - 7.2.2 Market Forecast
- 7.3 Others
  - 7.3.1 Market Trends
  - 7.3.2 Market Forecast

## **8 MARKET BREAKUP BY END USER**

- 8.1 Automotive
  - 8.1.1 Market Trends
  - 8.1.2 Market Forecast
- 8.2 Consumer Electronics
  - 8.2.1 Market Trends
  - 8.2.2 Market Forecast
- 8.3 Aerospace and Defense
  - 8.3.1 Market Trends
  - 8.3.2 Market Forecast
- 8.4 Communications
  - 8.4.1 Market Trends
  - 8.4.2 Market Forecast
- 8.5 Others
  - 8.5.1 Market Trends
  - 8.5.2 Market Forecast

## **9 MARKET BREAKUP BY REGION**

- 9.1 North America

- 9.1.1 United States
  - 9.1.1.1 Market Trends
  - 9.1.1.2 Market Forecast
- 9.1.2 Canada
  - 9.1.2.1 Market Trends
  - 9.1.2.2 Market Forecast
- 9.2 Asia-Pacific
  - 9.2.1 China
    - 9.2.1.1 Market Trends
    - 9.2.1.2 Market Forecast
  - 9.2.2 Japan
    - 9.2.2.1 Market Trends
    - 9.2.2.2 Market Forecast
  - 9.2.3 India
    - 9.2.3.1 Market Trends
    - 9.2.3.2 Market Forecast
  - 9.2.4 South Korea
    - 9.2.4.1 Market Trends
    - 9.2.4.2 Market Forecast
  - 9.2.5 Australia
    - 9.2.5.1 Market Trends
    - 9.2.5.2 Market Forecast
  - 9.2.6 Indonesia
    - 9.2.6.1 Market Trends
    - 9.2.6.2 Market Forecast
  - 9.2.7 Others
    - 9.2.7.1 Market Trends
    - 9.2.7.2 Market Forecast
- 9.3 Europe
  - 9.3.1 Germany
    - 9.3.1.1 Market Trends
    - 9.3.1.2 Market Forecast
  - 9.3.2 France
    - 9.3.2.1 Market Trends
    - 9.3.2.2 Market Forecast
  - 9.3.3 United Kingdom
    - 9.3.3.1 Market Trends
    - 9.3.3.2 Market Forecast
  - 9.3.4 Italy

- 9.3.4.1 Market Trends
- 9.3.4.2 Market Forecast
- 9.3.5 Spain
  - 9.3.5.1 Market Trends
  - 9.3.5.2 Market Forecast
- 9.3.6 Russia
  - 9.3.6.1 Market Trends
  - 9.3.6.2 Market Forecast
- 9.3.7 Others
  - 9.3.7.1 Market Trends
  - 9.3.7.2 Market Forecast
- 9.4 Latin America
  - 9.4.1 Brazil
    - 9.4.1.1 Market Trends
    - 9.4.1.2 Market Forecast
  - 9.4.2 Mexico
    - 9.4.2.1 Market Trends
    - 9.4.2.2 Market Forecast
  - 9.4.3 Others
    - 9.4.3.1 Market Trends
    - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
  - 9.5.1 Market Trends
  - 9.5.2 Market Breakup by Country
  - 9.5.3 Market Forecast

## **10 SWOT ANALYSIS**

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

## **11 VALUE CHAIN ANALYSIS**

## **12 PORTERS FIVE FORCES ANALYSIS**

- 12.1 Overview



- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

## **13 PRICE ANALYSIS**

## **14 COMPETITIVE LANDSCAPE**

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
  - 14.3.1 ABC Taiwan Electronics Corp.
    - 14.3.1.1 Company Overview
    - 14.3.1.2 Product Portfolio
    - 14.3.1.3 Financials
  - 14.3.2 Coilcraft Inc.
    - 14.3.2.1 Company Overview
    - 14.3.2.2 Product Portfolio
  - 14.3.3 Delta Electronics Inc.
    - 14.3.3.1 Company Overview
    - 14.3.3.2 Product Portfolio
    - 14.3.3.3 Financials
    - 14.3.3.4 SWOT Analysis
  - 14.3.4 KYOCERA AVX Components Corporation (KYOCERA Corporation)
    - 14.3.4.1 Company Overview
    - 14.3.4.2 Product Portfolio
    - 14.3.4.3 SWOT Analysis
  - 14.3.5 Murata Manufacturing Co. Ltd.
    - 14.3.5.1 Company Overview
    - 14.3.5.2 Product Portfolio
    - 14.3.5.3 Financials
    - 14.3.5.4 SWOT Analysis
  - 14.3.6 Panasonic Corporation
    - 14.3.6.1 Company Overview
    - 14.3.6.2 Product Portfolio
    - 14.3.6.3 Financials
    - 14.3.6.4 SWOT Analysis

#### 14.3.7 Samsung Electro-Mechanics

14.3.7.1 Company Overview

14.3.7.2 Product Portfolio

14.3.7.3 Financials

14.3.7.4 SWOT Analysis

#### 14.3.8 Sumida Corporation

14.3.8.1 Company Overview

14.3.8.2 Product Portfolio

14.3.8.3 Financials

#### 14.3.9 Taiyo Yuden Co. Ltd.

14.3.9.1 Company Overview

14.3.9.2 Product Portfolio

14.3.9.3 Financials

#### 14.3.10 TDK Corporation

14.3.10.1 Company Overview

14.3.10.2 Product Portfolio

14.3.10.3 Financials

14.3.10.4 SWOT Analysis

#### 14.3.11 TT Electronics Plc

14.3.11.1 Company Overview

14.3.11.2 Product Portfolio

14.3.11.3 Financials

#### 14.3.12 Vishay Intertechnology Inc.

14.3.12.1 Company Overview

14.3.12.2 Product Portfolio

14.3.12.3 Financials

14.3.12.4 SWOT Analysis

#### 14.3.13 Yageo Corporation

14.3.13.1 Company Overview

14.3.13.2 Product Portfolio

14.3.13.3 Financials

## I would like to order

Product name: Inductors Market Report by Type (Wire Wound, Multilayered, Film, Molded), Core (Air Core, Ferromagnetic/Ferrite Core, and Others), End User (Automotive, Consumer Electronics, Aerospace and Defense, Communications, and Others), and Region 2024-2032

Product link: <https://marketpublishers.com/r/IEFC2C7DC892EN.html>

Price: US\$ 3,899.00 (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/IEFC2C7DC892EN.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