+44 20 8123 2220
info@marketpublishers.com

Circuit Materials Market by Material Class (Substrate, Conducting Material, Outer Layer), Substrate (Fiberglass Epoxy, Paper-Phenolic), Conducting Material (Copper), Outer Layer (LIPSM, Dry Film Photoimageable), Application, Region - Global Forecast 2023

https://marketpublishers.com/r/C401A80B4A6EN.html
Date: July 2018
Pages: 124
Price: US$ 3,672.50 (Single User License)
ID: C401A80B4A6EN

Abstracts

The circuit materials market is projected to register a CAGR of 3.8%, in terms of value, between 2018 and 2023

The circuit materials market size is estimated to be USD 30.58 billion in 2018 and is projected to reach USD 36.85 billion by 2023, at a CAGR of 3.8% between 2018 and 2023. The increasing demand for circuit materials due to technological advancements in the electronics sector is the most significant factor projected to drive the market. The technological developments in the developing economies are also contributing to the circuit materials market growth. However, the low supply of copper foil to the electronic industry is acting as a restraint to the market growth.

The copper conducting material segment of the circuit materials market is projected to register the highest CAGR, in terms of value, during the forecast period

Copper is used as a conducting layer on the various types of substrates such as fiberglass-epoxy, paper-phenolic, and CEM. The use of copper as a conducting material offers excellent current conductivity and electromagnetic shielding which enhances the performance of various electronic devices. Also, when copper is applied on various substrates, it can be chemically etched to divide the copper layer into separate conducting lines called tracks or circuit traces. This chemical etching process is easy to

achieve with copper compared to other conducting materials. The ease of chemical processing and better conductivity have increased the demand for copper as a conducting material and has helped it to register the highest CAGR during the forecast period.

The circuit materials market in the APAC region is projected to register the highest CAGR, in terms of value, between 2018 and 2023

The circuit materials market in the APAC region is projected to register the highest CAGR, in terms of value, during the forecast period as APAC is one of the promising circuit materials markets. The continuous rise in the production of technologically advanced electronic products has resulted in high demand for circuit materials. This increasing demand for technologically advanced electronic products in various applications such as communications, industrial electronics, and automotive has led to innovations and developments in the electronics industry of APAC making it a promising circuit materials market, globally.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews have been conducted as follows:

By Company Type- Tier 1 - 37%, Tier 2 - 42%, and Tier 3 - 21%

By Designation- C level - 30%, Director level - 25%, and Others - 45%

By Region- APAC - 40%, Europe - 27%, North America - 20%, Middle East & Africa - 7%, and Latin America - 6%

This report provides a comprehensive analysis of the key companies listed below:

Shengyi Technology (China)

Kingboard Laminates (Hong Kong)

ITEQ Corporation (Taiwan)

DowDuPont (US)

Jinan Guoji Technology (China)

Eternal Materials (Taiwan)

Rogers Corporation (US)

Taiflex Scientific (Taiwan)

Isola Group (US)

Nikkan Industries (Japan)

Research Coverage

This report covers the circuit materials market and forecasts the size of the market until 2023. The report includes the segmentation of the circuit materials market based on material class, substrate, conducting material, outer layer, application, and region. Porter's Five Forces analysis and key market dynamics such as drivers, restraints, challenges, and opportunities influencing the growth of the circuit materials market have been discussed in the report. The report also provides company profiles and competitive benchmarking of major players operating in the market.

Benefits of Buying the Report:

The report is expected to help market leaders/new entrants in the circuit materials market in the following ways:

This report segments the circuit materials market and provides the closest approximation of revenues for the overall market and its subsegments across different verticals and regions.

The report helps stakeholders understand the pulse of the market and provides information on key drivers, restraints, challenges, and opportunities of the circuit materials market.

This report is also expected to help stakeholders understand their competitors and gain insights to better their positions in the circuit materials market. The competitive landscape section includes the ecosystem of competitors and

+44 20 8123 2220
info@marketpublishers.com

detailed information on new product developments and partnerships.

+44 20 8123 2220
info@marketpublishers.com

Contents

1 INTRODUCTION

1.1 OBJECTIVES OF THE STUDY
1.2 MARKET DEFINITION
1.3 MARKET SCOPE
  1.3.1 YEARS CONSIDERED FOR THE STUDY
1.4 CURRENCY
1.5 LIMITATIONS
1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA
  2.1.1 SECONDARY DATA
    2.1.1.1 Key data from secondary sources
  2.1.2 PRIMARY DATA
    2.1.2.1 Key data from primary sources
    2.1.2.2 Key industry insights
    2.1.2.3 Breakdown of primary interviews
2.2 MARKET SIZE ESTIMATION
  2.2.1 BOTTOM-UP APPROACH
  2.2.2 TOP-DOWN APPROACH
2.3 DATA TRIANGULATION
2.4 RESEARCH ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES IN THE CIRCUIT MATERIALS MARKET
4.2 CIRCUIT MATERIALS MARKET, BY SUBSTRATE
4.3 CIRCUIT MATERIALS MARKET, BY CONDUCTING MATERIAL AND REGION
4.4 CIRCUIT MATERIALS MARKET, BY OUTER LAYER
4.5 CIRCUIT MATERIALS MARKET, BY APPLICATION
4.6 CIRCUIT MATERIALS MARKET, BY COUNTRY

5 MARKET OVERVIEW

5.1 MARKET DYNAMICS
5.1.1 DRIVERS
5.1.1.1 Technological advancements in the electronics sector
5.1.2 RESTRAINTS
5.1.2.1 Low supply of copper foil
5.1.3 OPPORTUNITIES
5.1.3.1 Technological developments in developing economies
5.1.4 CHALLENGES
5.1.4.1 Production of green and energy-efficient products
5.2 PORTER'S FIVE FORCES ANALYSIS
5.2.1 THREAT OF NEW ENTRANTS
5.2.2 THREAT OF SUBSTITUTES
5.2.3 BARGAINING POWER OF SUPPLIERS
5.2.4 BARGAINING POWER OF BUYERS
5.2.5 INTENSITY OF COMPETITIVE RIVALRY

6 CIRCUIT MATERIALS MARKET, BY MATERIAL CLASS

6.1 INTRODUCTION
6.2 SUBSTRATE
6.3 CONDUCTING MATERIAL
6.4 OUTER LAYER

7 CIRCUIT MATERIALS MARKET, BY SUBSTRATE

7.1 INTRODUCTION
7.2 FIBERGLASS-EPOXY
7.3 PAPER-PHENOLIC
7.4 CEM
7.5 POLYIMIDE
7.6 OTHERS

8 CIRCUIT MATERIALS MARKET, BY CONDUCTING MATERIAL

8.1 INTRODUCTION
8.2 COPPER
8.3 OTHERS

+44 20 8123 2220
info@marketpublishers.com

9 CIRCUIT MATERIALS MARKET, BY OUTER LAYER

9.1 INTRODUCTION
9.2 LIQUID INK PHOTOIMAGEABLE SOLDER MASK
9.3 DRY FILM PHOTOIMAGEABLE
9.4 OTHERS
  9.4.1 EPOXY LIQUID
  9.4.2 TOP AND BOTTOM SIDE MASKS

10 CIRCUIT MATERIALS MARKET, BY APPLICATION

10.1 INTRODUCTION
10.2 COMMUNICATIONS
10.3 INDUSTRIAL ELECTRONICS
10.4 AUTOMOTIVE
10.5 AEROSPACE & DEFENSE
10.6 OTHERS

11 CIRCUIT MATERIALS MARKET, BY REGION

11.1 INTRODUCTION
11.2 APAC
  11.2.1 CHINA
  11.2.2 TAIWAN
  11.2.3 SOUTH KOREA
  11.2.4 JAPAN
  11.2.5 INDIA
11.3 NORTH AMERICA
  11.3.1 US
  11.3.2 CANADA
11.4 EUROPE
  11.4.1 GERMANY
  11.4.2 ITALY
  11.4.3 FRANCE
  11.4.4 UK
11.5 LATIN AMERICA
  11.5.1 BRAZIL
  11.5.2 MEXICO
  11.5.3 ARGENTINA

11.6 MIDDLE EAST & AFRICA (MEA)
11.6.1 ISRAEL
11.6.2 SOUTH AFRICA

12 COMPETITIVE LANDSCAPE

12.1 OVERVIEW
12.2 COMPETITIVE SCENARIO
12.2.1 NEW PRODUCT DEVELOPMENTS
12.2.2 PARTNERSHIPS

13 COMPANY PROFILES

(Overview, Financial*, Products & Services, Strategy, and Developments)

13.1 SHENGYI TECHNOLOGY CO., LTD.
13.2 KINGBOARD LAMINATES HOLDINGS LTD.
13.3 ITEQ CORPORATION
13.4 DOWDUPONT
13.5 JINAN GUOJI TECHNOLOGY CO., LTD.
13.6 ETERNAL MATERIALS CO., LTD.
13.7 ROGERS CORPORATION
13.8 TAIFLEX SCIENTIFIC CO., LTD.
13.9 ISOLA GROUP
13.10 NIKKAN INDUSTRIES CO., LTD.
13.11 OTHER COMPANIES
13.11.1 PANASONIC CORPORATION
13.11.2 MITSUBISHI MATERIALS CORPORATION
13.11.3 PARK ELECTROCHEMICAL CORPORATION
13.11.4 NIKKO-MATERIALS CO., LTD.
13.11.5 D. D. ENTERPRISES
13.11.6 TACONIC
13.11.7 ARLON ELECTRONIC MATERIALS
13.11.8 SHANGHAI NANYA COPPER CLAD LAMINATE CO., LTD.
13.11.9 VENTEC INTERNATIONAL GROUP
13.11.10 TAMURA CORPORATION
13.11.11 INTERNATIONAL LAMINATE MATERIAL LTD
13.11.12 TONGLING HUAKE ELECTRONIC MATERIAL CO., LTD.
13.11.13 NAM HING INDUSTRIAL LAMINATE LTD

13.11.14 CHANG CHUN GROUP
13.11.15 DOOSAN CORPORATION ELECTRO-MATERIALS

*Details might not be captured in case of unlisted companies

14 APPENDIX

14.1 DISCUSSION GUIDE
14.2 KNOWLEDGE STORE: MARKETSANDMARKETS SUBSCRIPTION PORTAL
14.3 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE
14.4 AVAILABLE CUSTOMIZATIONS
14.5 RELATED REPORTS
14.6 AUTHOR DETAILS

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1 CIRCUIT MATERIALS MARKET SIZE, BY MATERIAL CLASS, 2016–2023 (USD MILLION)
Table 2 SUBSTRATE: CIRCUIT MATERIALS MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)
Table 3 CONDUCTING MATERIAL: CIRCUIT MATERIALS MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)
Table 4 OUTER LAYER: CIRCUIT MATERIALS MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)
Table 5 CIRCUIT MATERIALS MARKET SIZE, BY SUBSTRATE, 2016–2023 (USD MILLION)
Table 6 FIBERGLASS-EPOXY: CIRCUIT MATERIALS MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)
Table 7 PAPER-PHENOLIC: CIRCUIT MATERIALS MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)
Table 8 CEM: CIRCUIT MATERIALS MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)
Table 9 POLYIMIDE: CIRCUIT MATERIALS MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)
Table 10 OTHERS: CIRCUIT MATERIALS MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)
Table 11 CIRCUIT MATERIALS MARKET SIZE, BY CONDUCTING MATERIAL, 2016–2023 (USD MILLION)
Table 12 COPPER: CIRCUIT MATERIALS MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)
Table 13 OTHERS: CIRCUIT MATERIALS MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)
Table 14 CIRCUIT MATERIALS MARKET SIZE, BY OUTER LAYER, 2016–2023 (USD MILLION)
Table 15 LIQUID INK PHOTOIMAGEABLE SOLDER MASK: CIRCUIT MATERIALS MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)
Table 16 DRY FILM PHOTOIMAGEABLE: CIRCUIT MATERIALS MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)
Table 17 OTHERS: CIRCUIT MATERIALS MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)
Table 18 CIRCUIT MATERIALS MARKET SIZE, BY APPLICATION, 2016–2023 (USD

MILLION)
Table 19 CIRCUIT MATERIALS MARKET SIZE IN COMMUNICATIONS, BY REGION, 2016–2023 (USD MILLION)
Table 20 CIRCUIT MATERIALS MARKET SIZE IN INDUSTRIAL ELECTRONICS, BY REGION, 2016–2023 (USD MILLION)
Table 21 CIRCUIT MATERIALS MARKET SIZE IN AUTOMOTIVE, BY REGION, 2016–2023 (USD MILLION)
Table 22 CIRCUIT MATERIALS MARKET SIZE IN AEROSPACE & DEFENSE, BY REGION, 2016–2023 (USD MILLION)
Table 23 CIRCUIT MATERIALS MARKET SIZE IN OTHER APPLICATIONS, BY REGION, 2016–2023 (USD MILLION)
Table 24 CIRCUIT MATERIALS MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)
Table 25 APAC: CIRCUIT MATERIALS MARKET SIZE, BY MATERIAL CLASS, 2016–2023 (USD MILLION)
Table 26 APAC: CIRCUIT MATERIALS MARKET SIZE, BY SUBSTRATE, 2016–2023 (USD MILLION)
Table 27 APAC: CIRCUIT MATERIALS MARKET SIZE, BY CONDUCTING MATERIAL, 2016–2023 (USD MILLION)
Table 28 APAC: CIRCUIT MATERIALS MARKET SIZE, BY OUTER LAYER, 2016–2023 (USD MILLION)
Table 29 APAC: CIRCUIT MATERIALS MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
Table 30 CHINA: CIRCUIT MATERIALS MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
Table 31 TAIWAN: CIRCUIT MATERIALS MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
Table 32 SOUTH KOREA: CIRCUIT MATERIALS MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
Table 33 JAPAN: CIRCUIT MATERIALS MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
Table 34 INDIA: CIRCUIT MATERIALS MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
Table 35 APAC: CIRCUIT MATERIALS MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)
Table 36 NORTH AMERICA: CIRCUIT MATERIALS MARKET SIZE, BY MATERIAL CLASS, 2016–2023 (USD MILLION)
Table 37 NORTH AMERICA: CIRCUIT MATERIALS MARKET SIZE, BY SUBSTRATE, 2016–2023 (USD MILLION)

Table 38 NORTH AMERICA: CIRCUIT MATERIALS MARKET SIZE, BY CONDUCTING MATERIAL, 2016–2023 (USD MILLION)
Table 39 NORTH AMERICA: CIRCUIT MATERIALS MARKET SIZE, BY OUTER LAYER, 2016–2023 (USD MILLION)
Table 40 NORTH AMERICA: CIRCUIT MATERIALS MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
Table 41 US: CIRCUIT MATERIALS MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
Table 42 NORTH AMERICA: CIRCUIT MATERIALS MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)
Table 43 EUROPE: CIRCUIT MATERIALS MARKET SIZE, BY MATERIAL CLASS, 2016–2023 (USD MILLION)
Table 44 EUROPE: CIRCUIT MATERIALS MARKET SIZE, BY SUBSTRATE, 2016–2023 (USD MILLION)
Table 45 EUROPE: CIRCUIT MATERIALS MARKET SIZE, BY CONDUCTING MATERIAL, 2016–2023 (USD MILLION)
Table 46 EUROPE: CIRCUIT MATERIALS MARKET SIZE, BY OUTER LAYER, 2016–2023 (USD MILLION)
Table 47 EUROPE: CIRCUIT MATERIALS MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
Table 48 EUROPE: CIRCUIT MATERIALS MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)
Table 49 LATIN AMERICA: CIRCUIT MATERIALS MARKET SIZE, BY MATERIAL CLASS, 2016–2023 (USD MILLION)
Table 50 LATIN AMERICA: CIRCUIT MATERIALS MARKET SIZE, BY SUBSTRATE, 2016–2023 (USD MILLION)
Table 51 LATIN AMERICA: CIRCUIT MATERIALS MARKET SIZE, BY CONDUCTING MATERIAL, 2016–2023 (USD MILLION)
Table 52 LATIN AMERICA: CIRCUIT MATERIALS MARKET SIZE, BY OUTER LAYER, 2016–2023 (USD MILLION)
Table 53 LATIN AMERICA: CIRCUIT MATERIALS MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
Table 54 LATIN AMERICA: CIRCUIT MATERIALS MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)
Table 55 MEA: CIRCUIT MATERIALS MARKET SIZE, BY MATERIAL CLASS, 2016–2023 (USD MILLION)
Table 56 MEA: CIRCUIT MATERIALS MARKET SIZE, BY SUBSTRATE, 2016–2023 (USD MILLION)
Table 57 MEA: CIRCUIT MATERIALS MARKET SIZE, BY CONDUCTING MATERIAL,

2016–2023 (USD MILLION)
Table 58 MEA: CIRCUIT MATERIALS MARKET SIZE, BY OUTER LAYER, 2016–2023 (USD MILLION)
Table 59 MEA: CIRCUIT MATERIALS MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
Table 60 MEA: CIRCUIT MATERIALS MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)
Table 61 NEW PRODUCT DEVELOPMENTS, 2015–2018
Table 62 PARTNERSHIPS, 2016

+44 20 8123 2220
info@marketpublishers.com

About

The report "Circuit Materials Market by Material Class (Substrate, Conducting Material, Outer Layer), Substrate (Fiberglass Epoxy, Paper-Phenolic), Conducting Material (Copper), Outer Layer (LIPSM, Dry Film Photoimageable), Application, Region - Global Forecast 2023", The circuit materials market is projected to grow from an estimated USD 30.58 billion in 2018 to USD 36.85 billion by 2023, at a CAGR of 3.8% between 2018 and 2023.

Major companies profiled in this report include:

Shengyi Technology (China), Kingboard Laminates (Hong Kong), ITEQ Corporation (Taiwan), DowDuPont (US), Jinan Guoji Technology (China), Eternal Materials (Taiwan), Rogers Corporation (US), Taiflex Scientific (Taiwan), Isola Group (US), and Nikkan Industries (Japan). These companies have a strong presence in the circuit materials market and are undertaking efforts to improve their business strategies and product portfolios.

This report covers the circuit materials market and forecasts the size of the market until 2023. The report includes the segmentation of the circuit materials market based on material class, substrate, conducting material, outer layer, application, and region. Porter’s Five Forces analysis and key market dynamics such as drivers, restraints, challenges, and opportunities influencing the growth of the circuit materials market have been discussed in the report. The report also provides company profiles and competitive benchmarking of major players operating in the market.

The increasing use of circuit materials due to technological advancements in the electronics sector is one of the most significant factors projected to drive the circuit materials market.

Based on the substrate, the fiberglass-epoxy segment of the circuit materials market is projected to register the highest CAGR, in terms of value, during the forecast period

Circuit materials, manufactured using the fiberglass-epoxy material, have superior mechanical and chemical properties. This raw material can provide a high strength-to-weight ratio. It also can withstand moisture and offers high resistance to fire. This factor is projected to drive the fiberglass-epoxy segment of the circuit materials market.

+44 20 8123 2220
info@marketpublishers.com

The communications application segment is projected to account for the largest share, in terms of value, in the circuit materials market during the forecast period

Circuit materials are increasingly being used in the communications application. In this application, the use of circuit materials is significant in various devices such as mobiles, telephones, and smart tablets. The communications application is projected to account for the largest share of the market between 2018 and 2023, in terms of value. The use of circuit materials has increased in the communications application, owing to the ability to provide enhanced conductivity on compact printed circuit boards of the various communication devices.

APAC is estimated to be the largest market for circuit materials in 2018, in terms of value.

APAC is estimated to be the largest market for circuit materials in 2018. The growth of the APAC circuit materials market can be attributed to the growing demand from the communications, industrial electronics, and automotive applications in the region. The growth is also attributed to the presence of well-established circuit materials manufacturers, such as Shengyi Technology (China), Kingboard Laminates (Hong Kong), and ITEQ Corporation (Taiwan) in the region.

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Circuit Materials Market by Material Class (Substrate, Conducting Material, Outer Layer), Substrate (Fiberglass Epoxy, Paper-Phenolic), Conducting Material (Copper), Outer Layer (LIPSM, Dry Film Photoimageable), Application, Region - Global Forecast 2023

Product link: https://marketpublishers.com/r/C401A80B4A6EN.html

Price: US$ 3,672.50 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/C401A80B4A6EN.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

Custumer 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

+44 20 8123 2220
info@marketpublishers.com

and fax the completed form to +44 20 7900 3970