

Growth Opportunities in the Global Printed Circuit Board Market

https://marketpublishers.com/r/GB9B2C79EC0EN.html

Date: February 2017

Pages: 181

Price: US\$ 4,850.00 (Single User License)

ID: GB9B2C79EC0EN

Abstracts

The future of the printed circuit board (PCB) market looks promising with opportunities in the communication, computer/peripheral, and automotive industries. The global printed circuit board market is expected to reach an estimated \$72.6 billion by 2022 and is forecast to grow at a CAGR of 3.2% from 2017 to 2022. The major drivers of growth for this market are the strong demand for smart phones and tablets along with growing automation in industries, such as automotive and aerospace & defense.

In this market, rigid 1-2 sided, standard multi-layer, HDI/microvia, IC substrate, flexible circuits, and rigid flex PCB substrates are used in various industries. Lucintel forecasts that standard multilayer PCBs will remain the largest segment due to the growth in computer and communication industry.

Lucintel predicts that the demand for rigid flex PCBs is likely to experience the highest growth in the forecast period supported by growing demand for smartphone and display applications. Within the PCB market, the communication industry is expected to remain the largest market. Continuous innovations in smartphones and increasing demand from emerging economies are expected to spur growth for this segment over the forecast period. For market expansion, the report suggests innovation and new product development, particularly for developing more technologically complex PCBs to support higher speeds and component densities for high performance electronic products.

This unique report from Lucintel will provide you with valuable information, insights, and tools needed to identify new growth opportunities and operate your business successfully in this market.

This report will save hundreds of hours of your own personal research time and will



significantly benefit you in expanding your business in this market. In today's challenging economy, you need every advantage that you can find.



Contents

1. EXECUTIVE SUMMARY

2. INDUSTRY BACKGROUND AND CLASSIFICATIONS

- 2.1: Introduction
- 2.2: Industry Classification
- 2.3: Markets Served
- 2.4: Supply Chain of the Global PCB Market

3. MARKET TRENDS AND FORECAST ANALYSIS

- 3.1: Market Analysis 2016
 - 3.1.1: Global PCB Market by End Use Industry
 - 3.1.2: Global PCB Market by Substrate Type
 - 3.1.3: Global PCB Laminate Market by Type
 - 3.1.4: Global PCB Laminate Raw Material Market by Material Type
 - 3.1.5: Global PCB Market by Region
- 3.2: Market Trends 2011 to 2016
 - 3.2.1: Macroeconomic Trends
 - 3.2.2: Trends of the Global PCB Market
 - 3.2.2.1: Market Trends by End Use
 - 3.2.2.2: Market Trends by Substrate Type
 - 3.2.3: Trends of the Global PCB Laminates Market
 - 3.2.3.1: PCB Laminates Market by Type
 - 3.2.4: Trends of the Global PCB Laminates Raw Materials Market
 - 3.2.4.1: PCB Laminates Market by Raw Material Type
 - 3.2.5: Trends of the North American PCB Market
 - 3.2.5.1: Market Trends by End Use
 - 3.2.5.2: Market Trends by Substrate Type
 - 3.2.5.3: Market Trends by Country: United States, Canada, and Mexico
 - 3.2.6: Trends of the European PCB Market
 - 3.2.6.1: Market Trends by End Use
 - 3.2.6.2: Market Trends by Substrate Type
 - 3.2.6.3: Market Trends by Country: Germany, UK and France, and Other European

Countries

- 3.2.7: Trends of the APAC PCB Market
 - 3.2.7.1: Market Trends by End Use



- 3.2.7.2: Market Trends by Substrate Type
- 3.2.7.3: Market Trends by Countries: China, South Korea, Taiwan, Japan, India, and other Asian Countries
 - 3.2.8: Trends of the ROW PCB Market
 - 3.2.8.1: Market Trends by End Use
 - 3.2.8.2: Market Trends by Substrate Type
 - 3.2.8.3: Market Trends by Area: Middle East, Central, and South America
- 3.3: Industry Drivers and Challenges
- 3.4: Market Forecast from 2017 to 2022
 - 3.4.1: Macroeconomic Forecast
 - 3.4.2: Forecast for the Global PCB Market
 - 3.4.2.1: Market Forecast by End Use
 - 3.4.2.2: Market Forecast by Substrate Type
 - 3.4.3: Forecast for the Global PCB Laminate Market
 - 3.4.3.1: PCB Laminates Market by Types
 - 3.4.4: Forecast for the Global PCB Laminate Raw Material Market
 - 3.4.4.1: PCB Laminates Raw Material Market by Types
 - 3.4.5: Forecast for the North American PCB Market by Value
 - 3.4.5.1: Market Forecast by End Use
 - 3.4.5.2: Market Forecast by Substrate Type
 - 3.4.6: Forecast for the European PCB Market by Value
 - 3.4.6.1: Market Forecast by End Use
 - 3.4.6.2: Market Forecast by Substrate Type
 - 3.4.7: Forecast for the APAC PCB Market by Value
 - 3.4.7.1: Market Forecast by End Use
 - 3.4.7.2: Market Forecast by Substrate Type
 - 3.4.8: Forecast for the ROW PCB Market by Value
 - 3.4.8.1: Market Forecast by End Use
 - 3.4.8.2: Market Forecast by Substrate Type

4. COMPETITOR ANALYSIS

- 4.1: Product Portfolio Analysis
- 4.2: Market Share Analysis
- 4.3: Operational Integration
- 4.4: Geographical Reach
- 4.5: Porter's Five Forces Analysis

5. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS



- 5.1: Growth Opportunity Analysis
 - 5.1.1: Growth Opportunities for Global PCB Market by End Use
 - 5.1.2: Growth Opportunities for the Global PCB Market by Substrate Type
 - 5.1.3: Growth Opportunities for the Global PCB Industry by Region
- 5.2: Emerging Trends in the Global PCB Industry
- 5.3: Strategic Analysis
 - 5.3.1: New Product Development
 - 5.3.2: Capacity Expansion in the Global PCB Market
 - 5.3.3: Certification and Licensing
 - 5.3.4: Mergers, Acquisitions and Joint Ventures in the Global PCB Industry

6. COMPANY PROFILES OF LEADING PLAYERS



List Of Figures

LIST OF FIGURES

CHAPTER 2. INDUSTRY BACKGROUND AND CLASSIFICATIONS

- Figure 2.2: Laminate Manufacturing Process
- Figure 2.3: Enlarged Section of PCBs
- Figure 2.4: Reflow Process and Placement of Components in Circuit
- Figure 2.5: PCB Technology Development
- Figure 2.6: Classification of Global PCB Industry
- Figure 2.7: PCBs in Office Communication Systems Using RF Technology
- Figure 2.8: PCBs in Smart Phones
- Figure 2.9: PCBs in Television
- Figure 2.10: PCBs in Laptops
- Figure 2.11: PCBs in Missiles
- Figure 2.12: PCBs in Wind Data Loggers
- Figure 2.13: PCB Assembly for Medical Equipment
- Figure 2.14: The Embedded Monitoring and Control Platform for Automotive Sector
- Figure 2.15: Automotive Applications of PCBs
- Figure 2.16: Rail Inverter Test System Signal Distribution PCBs
- Figure 2.17: Supply Chain of the PCBs Market

CHAPTER 3. MARKET TRENDS AND FORECAST ANALYSIS

- Figure 3.1: Global PCB Market (%, \$M) Distribution by End Use Industry in 2016
- Figure 3.2: Global PCB Market (\$M) by End Use Industry in 2016
- Figure 3.3: Global PCB Market (%, \$M) Distribution by Substrate Type in 2016
- Figure 3.4: Global PCB Market (\$M) by Substrate Type in 2016
- Figure 3.5: Global PCB Laminate Market (%, \$M) by Type in 2016
- Figure 3.6: Global PCB Laminate Market (\$M) by Types in 2016
- Figure 3.7: Global PCB Laminate Raw Material Market (%, \$M) by Type in 2016
- Figure 3.8: Global PCB Laminate Raw Material Market (\$M) by Type in 2016
- Figure 3.9: Global PCB Market (%, \$M) by Region in 2016
- Figure 3.10: Global PCB Market (\$M) by Region in 2016
- Figure 3.11: Global Semiconductor Industry Trend from 2011 to 2016
- Figure 3.12: Global Automotive Production Trend from 2011 to 2016
- Figure 3.13: Global Smartphone Shipment Trend from 2011 to 2016



- Figure 3.14: Global Shipment of Tablets Trend from 2011 to 2016
- Figure 3.15: Global Shipment of PCs Trend from 2011 to 2016
- Figure 3.16: Global GDP Growth Rate Trend
- Figure 3.17: Trends of the Regional GDP Growth Rate
- Figure 3.18: Trends of the Global PCB Market from 2011 to 2016
- Figure 3.19: Trends of the Global PCB Market (\$M) by End Use Industry from 2011 to 2016
- Figure 3.20: CAGR of the Global PCB Market (%, \$M) by End Use Industry 2011 to 2016
- Figure 3.21: Trends of the Global PCB Market (\$M) by Substrate Type from 2011 to 2016
- Figure 3.22: CAGR of the Global PCB Market (%, \$M) by Substrate Type from 2011 to 2016
- Figure 3.23: Trends of the Global PCB Laminate Market (\$M) from 2011 to 2016
- Figure 3.24: Trends of the Global PCB Market (\$M) by Laminate Type from 2011 to 2016
- Figure 3.25: CAGR of the Global PCB Market (%, \$M) by Laminate Type from 2011 to 2016
- Figure 3.26: Trends of the Global PCB Laminate Raw Material Market from 2011 to 2016
- Figure 3.27: Trends of Global PCB Laminate Market by Raw Material Type from 2011 to 2016
- Figure 3.28: CAGR of Global PCB Laminate Market (\$B) by Raw Material Type from 2011 to 2016
- Figure 3.29: Trends of Global PCB Laminates Market by Raw Material Market (M lbs) by Material Type from 2011 to 2016
- Figure 3.30: CAGR of the Global PCB Laminates Market Raw Material Market (M lbs) by Material Type from 2011 to 2016
- Figure 3.31: Trends of the North American PCB Market from 2011 to 2016
- Figure 3.32: Trends of the North American PCB Market (\$M) by End Use Industry from 2011 to 2016
- Figure 3.33: CAGR of the North American PCB Market (%, \$M) by End Use Industry from 2011 to 2016
- Figure 3.34: Trends of the North American PCB Market (\$M) by Substrate Type from 2011 to 2016
- Figure 3.35: CAGR of the North American PCB Market (%, \$M) by Substrate Type from 2011 to 2016
- Figure 3.36: North American PCB Market by Major Countries in 2016
- Figure 3.37: North American Countries in 2016



- Figure 3.38: Trends of the European PCB Market from 2011 to 2016
- Figure 3.39: Trends of the European PCB Market (\$M) by End Use Industry from 2011 to 2016
- Figure 3.40: CAGR of the European PCB Market (%, \$M) by End Use Industry from 2011 to 2016
- Figure 3.41: Trends of the European PCB Market (\$M) by Substrate Type from 2011 to 2016
- Figure 3.42: CAGR of the European PCB Market (%, \$M) by Substrate Type from 2011 to 2016
- Figure 3.43: European PCB Market (%) by Major Countries in 2016
- Figure 3.44: European PCB Market (\$M) by Major Countries in 2016
- Figure 3.45: Trends of the APAC PCB Market from 2011 to 2016
- Figure 3.46: Trends of the APAC PCB Market (\$M) by End Use Industry from 2011 to 2016
- Figure 3.47: CAGR of the APAC PCB Market (\$M) by End Use Industry from 2011 to 2016
- Figure 3.48: Trends of the APAC PCB Market (\$M) by Substrate Type from 2011 to 2016
- Figure 3.49: CAGR of the APAC PCB Market (\$M) by Substrate Type from 2011 to 2016
- Figure 3.50: APAC PCB Market (\$M) by Major Country in 2016
- Figure 3.51: APAC PCB Market (\$M) by Major Country in 2016
- Figure 3.52: Trends of the ROW PCB Market from 2011 to 2016
- Figure 3.53: Trends of the ROW PCB Market (\$M) by End Use Industry from 2011 to 2016
- Figure 3.54: CAGR of the ROW PCB Market (%, \$M) by End Use Industry from 2011 to 2016
- Figure 3.55: Trends of the ROW PCB Market (\$M) by Substrate Type from 2011 to 2016
- Figure 3.56: CAGR of the ROW PCB Market (\$M) by Substrate Type from 2011 to 2016
- Figure 3.57: ROW PCB Market (%) by Major Area in 2016
- Figure 3.58: PCB (\$ M) in ROW Countries in 2016
- Figure 3.59: Major Drivers and Challenges for the Global PCB Market
- Figure 3.60: Forecast for the Global GDP Growth Rate
- Figure 3.61: Forecast for the Regional GDP Growth Rate
- Figure 3.62: Forecast for the Global PCB Market from 2017 to 2022
- Figure 3.63: Forecast for the Global PCB Market (\$M) by End Use Industry from 2017 to 2022
- Figure 3.64: CAGR Forecast for the Global PCB Market (\$M) by End Use Industry from



2017 to 2022

Figure 3.65: Forecast for the Global PCB Market (\$M) by Substrate Type from 2017 to 2022

Figure 3.66: CAGR Forecast for the Global PCB Market (\$M) by Substrate Type from 2017 to 2022

Figure 3.67: Forecast for the Global PCB Laminate Market from 2017 to 2022

Figure 3.68: Forecast for the Global PCB Laminate Market (\$M) by Type from 2017 to 2022

Figure 3.69: CAGR Forecast for the Global PCB Laminate Market (\$M) by Type from 2017 to 2022

Figure 3.70: Forecast for the Global PCB Laminate Raw Material Market from 2017 to 2022

Figure 3.71: Forecast for the Global PCB Laminate Raw Material Market (\$M) by Material Type from 2017 to 2022

Figure 3.72: CAGR Forecast for the Global PCB Laminate Raw Material Market (\$M) by Material Type from 2017 to 2022

Figure 3.73: Forecast for the Global PCB Laminate Raw Material Market (M lbs) by Material Type from 2017 to 2022

Figure 3.74: CAGR Forecast for the Global PCB Laminate Raw Material Market (\$M) by Material Type from 2017 to 2022

Figure 3.75: Forecast for the North American PCB Market from 2017 to 2022

Figure 3.76: Forecast for the North American PCB Market (\$M) by End Use Industry from 2017 to 2022

Figure 3.77: CAGR Forecast for the North American PCB Market (\$M) by End Use Industry from 2017 to 2022

Figure 3.78: Forecast for the North American PCB Market (\$M) by Substrate Type from 2017 to 2022

Figure 3.79: CAGR Forecast for the North American PCB Market (\$M) by Substrate Type from 2017 to 2022

Figure 3.80: Forecast for the European PCB Market from 2017 to 2022

Figure 3.81: Forecast for the European PCB Market (\$M) by End Use Industry from 2017 to 2022

Figure 3.82: CAGR Forecast for the European PCB Market (%, \$M) by End Use Industry from 2017 to 2022

Figure 3.83: Forecast for the European PCB Market (\$M) by Substrate Type from 2017 to 2022

Figure 3.84: CAGR Forecast for the European PCB Market (%, \$M) by Substrate Type from 2017 to 2022

Figure 3.85: Forecast for the APAC PCB Market from 2017 to 2022



Figure 3.86: Forecast for the APAC PCB Market (\$M) by End Use Industry from 2017 to 2022

Figure 3.87: CAGR Forecast for the APAC PCB Market (\$M) by End Use Industry from 2017 to 2022

Figure 3.88: Forecast for the APAC PCB Market (\$M) by Substrate Type from 2017 to 2022

Figure 3.89: CAGR Forecast for the APAC PCB Market (\$M) by Substrate Type from 2017 to 2022

Figure 3.90: Forecast for the ROW PCB Market from 2017 to 2022

Figure 3.91: Forecast for the ROW PCB Market (\$M) by End Use Industry from 2017 to 2022

Figure 3.92: CAGR Forecast for the ROW PCB Market (\$M) by End Use Industry from 2017 to 2022

Figure 3.93: Forecast for the ROW PCB Market (\$M) by Substrate Type from 2017 to 2022

Figure 3.94: CAGR Forecast for the ROW PCB Market (%, \$M) by Substrate Type from 2017 to 2022

CHAPTER 4. COMPETITOR ANALYSIS

Figure 4.1: Market Share Analysis of the Top Five Players of the Global PCB Market in 2016

Figure 4.2: Market Share of Top Five Suppliers in Terms of Volume of the Global PCB Market in 2016

Figure 4.3: Locations of Major PCB Suppliers

Figure 4.4: Porter's Five Forces Market Analysis Model for the Global PCB Market

CHAPTER 5. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

Figure 5.1: Growth Opportunities for the Global PCB Industry by End Use Industry from 2017 to 2022

Figure 5.2: Growth Opportunities for the Global PCB Industry by Substrate Type from 2017 to 2022

Figure 5.3: Growth Opportunities for the Global PCB Market by Region from 2017 to 2022

Figure 5.4: Emerging Trends of the Global PCB Industry

Figure 5.5: Strategic Initiatives by Major Competitors in the Global PCB Market

Figure 5.6: New Product Launch of the Global PCB Market in 2014

Figure 5.7: Major Capacity Expansions in the Global PCB Market







List Of Tables

LIST OF TABLES

CHAPTER 1. EXECUTIVE SUMMARY

Table 1.1: PCB Market Parameters and Attributes

CHAPTER 2. INDUSTRY BACKGROUND AND CLASSIFICATIONS

Table 2.1: Grades of PCB Laminates and Material Used (NEMA)

Table 2.2: Application of Different Laminates

CHAPTER 3. MARKET TRENDS AND FORECAST ANALYSIS

Table 3.1: Global PCB Market Shipments from 2011 to 2016

Table 3.2: Average Growth Rates for One, Three, and Five Years in Global PCB

Industry in Terms of \$M Shipment

Table 3.3: Market Size and 2011 to 2016 CAGR of the Global PCB Market by End Use

in Terms of Value Shipments (2011-2016)

Table 3.4: Market Size and 2011 to 2016 CAGR of the Global PCB Market by Substrate

Type in Terms of Value Shipments (2011-2016)

Table 3.5: Trend of the Global PCB Laminate Market from 2011 to 2016

Table 3.6: Global PCB Market (\$M) by Laminate Type from 2011 to 2016

Table 3.7: Trends of the Global PCB Laminate Market from 2011 to 2016

Table 3.8: Global PCB Laminates Market (\$M) by Raw Material Type during 2011-2016

Table 3.9: North American PCB Market Shipment from 2011 to 2016

Table 3.10: Market Size and 2011 to 2016 CAGR of the North American PCB Industry

by End Use in Terms of Value Shipment (2011-2016)

Table 3.11: Market Size and 2011 to 2016 CAGR from 2011 to 2016 of the North

American PCB Industry by Substrate Type in Terms of Value Shipment

Table 3.12: European PCB Market Shipment from 2011 to 2016

Table 3.13: Market Size and 2011 to 2016 CAGR of the European PCB Industry by End

Use in Terms of Value Shipment (2011-2016)

Table 3.14: Market Size and 2011 to 2016 CAGR of the European PCB Industry by

Substrate Type in Terms of Value Shipment (2011-2016)

Table 3.15: APAC PCB Market Shipment from 2011 to 2016

Table 3.16: Market Size and 2011 to 2016 CAGR of the APAC PCB Industry by End

Use in Terms of Value Shipment (2011-2016)



Table 3.17: Market Size and 2011 to 2016CAGR of the APAC PCB Industry by

Substrate Type in Terms of Value Shipment (2011-2016)

Table 3.18: ROW PCB Market Shipment from 2011 to 2016

Table 3.19: Market Size and 2011 to 2016 CAGR of the ROW PCB Industry by End Use in Terms of Value Shipments (2011-2016)

Table 3.20: Market Size and 2011 to 2016CAGR of the ROW PCB Industry by

Substrate Type in Terms of Value Shipment (2011-2016)

Table 3.21: Forecast for the Global PCB Market from 2017 to 2022

Table 3.22: Average Growth Rates for One, Three, and Five Years of the Global PCB

Market from 2017 to 2022 in Terms of \$M Shipment

Table 3.23: Market Size and CAGR of the Global PCB Market by End Use from 2017 to 2022 in Terms of Value Shipments

Table 3.24: Market Size and CAGR of the Global PCB Market by Substrate Type from

2017 to 2022 in Terms of Value Shipment

Table 3.25: Global PCB Laminate Market Forecast 2017-2022

Table 3.26: Global PCB Market (\$B) by Laminate Type during 2017-2022

Table 3.27: Global PCB Laminate Raw Material Market Forecast 2017-2022

Table 3.28: Global PCB Market (\$B) by Laminate Type during 2017-2022

Table 3.29: Forecast for the North American PCB Market from 2017 to 2022

Table 3.30: Market Size and CAGR of the North American PCB Market by End Use

from 2017 to 2022 in Terms of Value Shipments

Table 3.31: Market Size and CAGR of the North American PCB Market by Substrate

Type from 2017 to 2022 in Terms of Value Shipment

Table 3.32: Forecast for the European PCB Market from 2017 to 2022

Table 3.33: Market Size and CAGR of the European PCB Market by End Use from 2017

to 2022 in Terms of Value

Table 3.34: Market Size and CAGR of the European PCB Market (\$M) by Substrate

Type from 2017 to 2022 in Terms of Value Shipment

Table 3.35: Forecast for the APAC PCB Market from 2017 to 2022

Table 3.36: Market Size and CAGR of the APAC PCB Market by End Use from 2017 to

2022 in Terms of Value Shipment

Table 3.37: Market Size and CAGR of the APAC PCB Market (\$M) by Substrate Type

from 2017 to 2022 in Terms of Value Shipment

Table 3.38: Forecast for the ROW PCB Market from 2017 to 2022

Table 3.39: Market Size and CAGR of the ROW PCB Market by End Use from 2017 to

2022 in Terms of Value Shipment

Table 3.40: Market Size and CAGR of the ROW PCB Market (\$M) by Substrate Type

from 2017 to 2022 in Terms of Value Shipment



CHAPTER 4. COMPETITOR ANALYSIS

- Table 4.1: Product Mapping of Printed Circuit Board Suppliers Based on Market Served
- Table 4.2: Substrate Used by Printed Circuit Board Suppliers
- Table 4.3: Rankings of Suppliers Based on PCB Revenue
- Table 4.4: Operational Integration of PCB Suppliers

CHAPTER 5. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

- Table 5.1: New Product Launches by Major PCB Producers from 2011 to 2016
- Table 5.2: Certification and Licenses Acquired by Major Competitors in the Global PCB Market



I would like to order

Product name: Growth Opportunities in the Global Printed Circuit Board Market

Product link: https://marketpublishers.com/r/GB9B2C79EC0EN.html

Price: US\$ 4,850.00 (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/GB9B2C79EC0EN.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 and fax the completed form to +44 20 7900 3970