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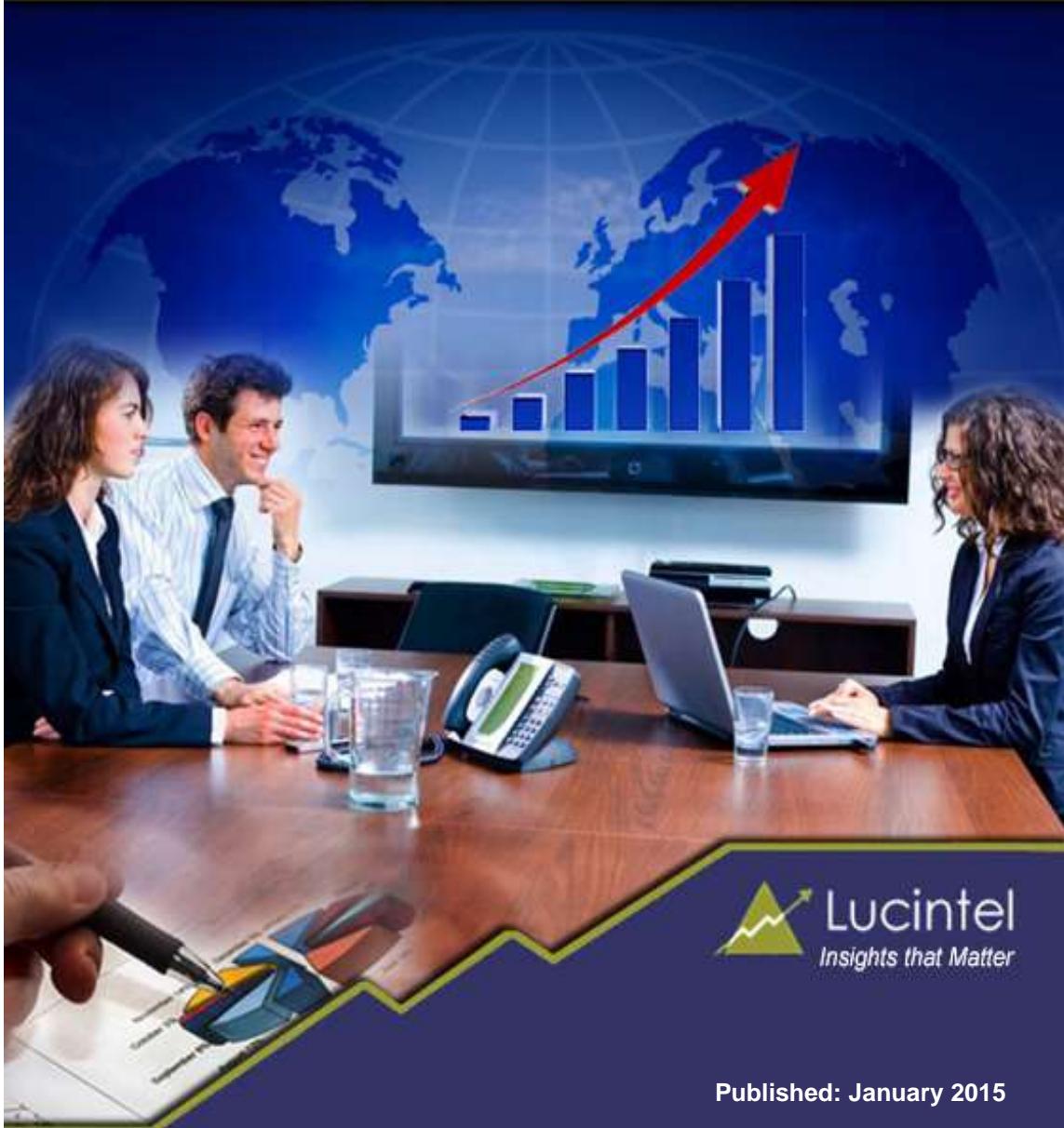
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Global Printed Circuit Boards (PCBs) Market 2015-2020: Trends, Forecast, and Opportunity Analysis



Published: January 2015

Lucintel, the premier global management consulting and market research firm creates your equation for growth — whether you need to understand market dynamics, identify new opportunities, or increase your profitability.

Global Printed Circuit Boards (PCBs) Market 2015-2020: Trends, Forecast, and Opportunity Analysis

Background:

The PCBs market is expected to grow with a CAGR of 4% over 2015-2020. The major drivers of the PCBs market are growing demand for 3C applications (communication, computer/peripheral, and consumer electronics), advancement in PCB technologies, and increased demand of aerospace and defense products. Advancement in smart phones, touchscreen tablets, laptops and increasing demand for consumer electronics are expected to drive the PCBs market.

Lucintel, a leading global management consulting and market research firm, has analyzed the global PCBs market by applications, substrate types, and regions together with PCB laminates market by regions, types, and raw materials market, and has come up with a comprehensive research report, **“Global Printed Circuit Boards (PCBs) Market 2015-2020: Trends, Forecast, and Opportunity Analysis.”** This report provides an analysis of global PCBs market, including the market trends, growth opportunities, key drivers, emerging trends, and company profiles of the leading suppliers in the market. The study also includes forecast of global PCBs market through 2020, segmented by applications, substrate types, regions, together with PCB laminates market by regions, types, and raw materials market, as follows:

The global PCBs market by application:

- Communications
- Consumer Electronics
- Computer/Peripheral
- Military/Aerospace
- Industrial Electronics
- Automotive and Others

The global PCBs market by substrate types:

- Rigid 1-2 sided
- Standard Multilayers
- HDI/Microvia/Build-up
- IC Substrate
- Flexible Circuits
- Rigid Flex
- Others

The global PCBs market by regions:

- North America
- Europe
- Asia Pacific
- Rest of World

The global PCB Laminates market by types:

- Paper
- FR-4
- CEM
- Polyimide
- Others

The global PCB Laminates market by regions:

- North America
- Europe

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- Asia Pacific
- Rest of World

The Global PCB laminates raw materials market by material types:

- Glass Fabric
- Epoxy Resin
- Kraft Paper
- Phenolic Resin

On the basis of its comprehensive research, Lucintel forecasts that majority of the applications for the PCBs will have good growth during 2015-2020. The computer/peripheral application is expected to witness the highest growth followed by the communication applications. Nippon Mektron, Zhen Ding Technology Holding Limited, Young Poong Electronics Co., Ltd., Unimicron Technology Corp., and Samsung Electro-Mechanics are among the major suppliers of PCBs. The industry players are going for partnership and strategic alliances to deliver unique solutions and to meet the constantly changing industry demands of customers.

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 stringent economy, you need every advantage that you can find.

Features of This Report:

To make business, investment, and strategic decisions, you need timely, useful information. This market report fulfills this core need and is an indispensable reference guide for multinational materials suppliers, product manufacturers, investors, executives, distributors, and many more that operate in this market.

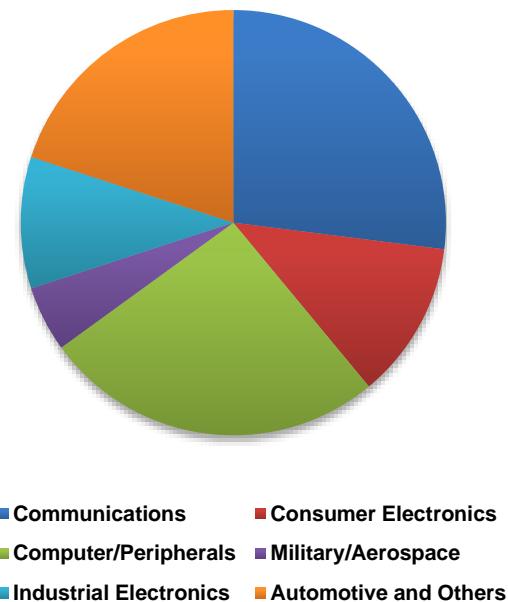
Some of the features of "Global Printed Circuit Boards (PCBs) Market 2015-2020: Trends, Forecast, and Opportunity Analysis" include:

- Market size estimates: Global printed circuit boards (PCBs) market size estimation in terms of volume (M lbs) and value (\$B) shipment.
- Trend and forecast analysis: Global printed circuit boards (PCBs) market trend (2008-2013) and forecast (2014-2019) by regions and by segments.
- Segmentation analysis: Global printed circuit boards (PCBs) market size by various application segments such as communications, consumer electronics, computer/peripherals, military/aerospace, industrial electronics, automotive and others
- Regional analysis: Global printed circuit boards (PCBs) market breakdown by key regions such as North America, Europe, Asia Pacific, and Rest of World.
- Growth opportunities: Analysis on growth opportunities in different applications and regions.
- Strategic analysis: This includes M&A, new product development, competitive landscape, and expansion strategies of global printed circuit boards (PCBs) market suppliers.
- Emerging applications: Emerging applications of printed circuit boards (PCBs) in global printed circuit boards (PCBs) market in various markets.
- Analysis of competitive intensity of the industry based on Porter's Five Forces model.

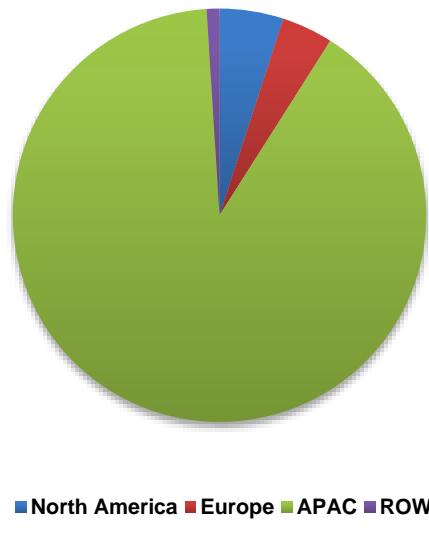
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112 figures/charts and 16 tables are provided in this roughly 153-page report.
Sample charts with random data are presented below.

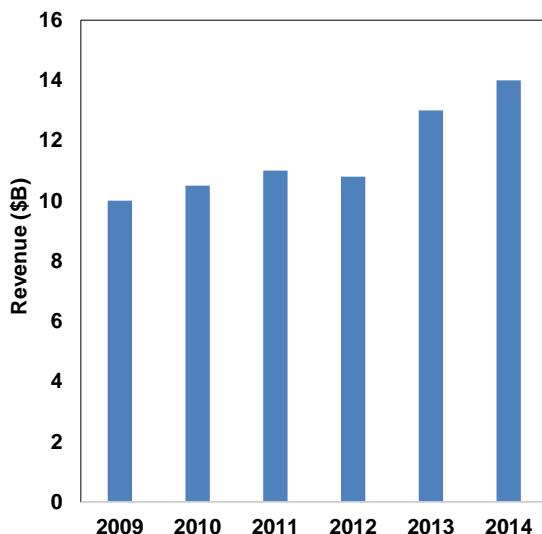
Global PCBs Market (\$B) by Applications: 2014 (Total Market Size: \$B) - Random Data



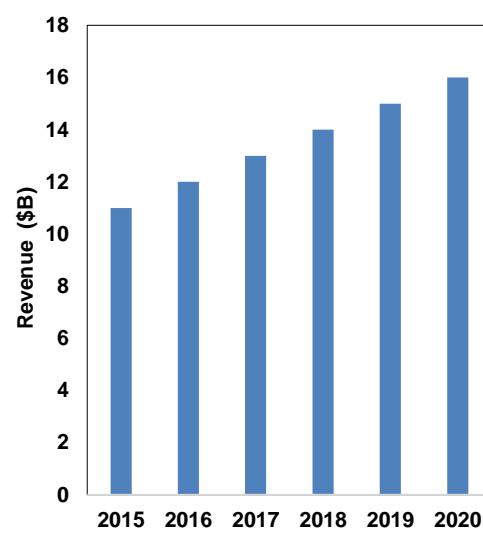
Global PCBs Market by Regions: 2014 (Total Market Size \$B) - Total Market Size



Global PCBs Market Trend: 2009-2014 - Random Data

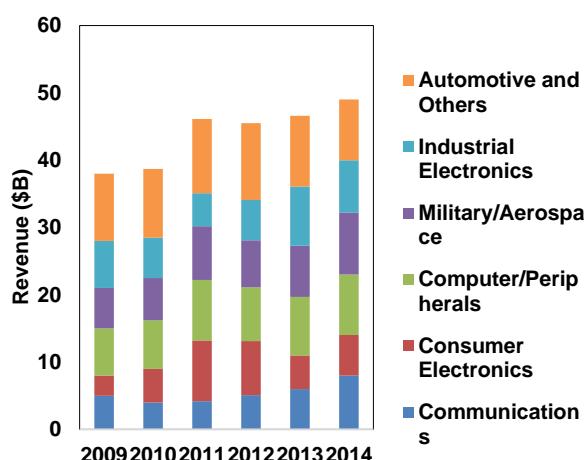


Global PCBs Market Forecast: 2015-2020 - Random Data

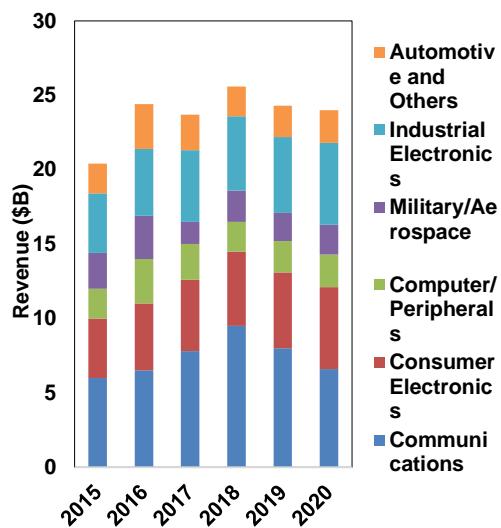


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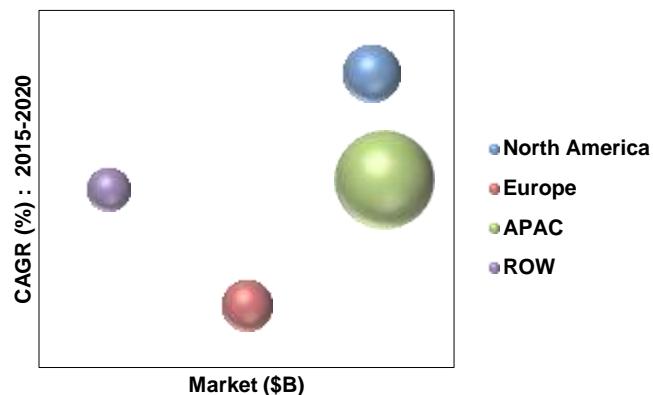
Global PCBs Market Trend by Applications: 2009-2014 - Random Data



Global PCBs Market Forecast by Applications: 2015-2020 - Random Data



Global PCBs Market Opportunities by Regions - Random Data



Benefits of a Lucintel Report:

Lucintel's core competency is in market research and management consulting. In last 15 years, Lucintel has worked on hundreds of market & economic research studies. Lucintel's market reports offer the following benefits:

- **Enhance your growth strategy** with the information of key market segments and growth applications.
- **Fine tune your business expansion** with analysis of trend and forecast and key emerging trends in the industry.

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- **Explore business opportunities** and ascertain new market entry with analysis of emerging geographies
- **Know the business environment** with the competitive intensity of the industry, new developments and merger and acquisition deals.

Please see below comments from our customers on how they benefited from our market reports.

"We found great value in Lucintel's research both from a commercial and technology standpoint. Not only did we gain insights into the value chain and the key players in each industry segment, but we also were able to understand their future plans. Lucintel helped us better align our products with the needs of the market." Genaro Gutierrez, PhD, Business Development Manager –Dow Chemical

"The information is so comprehensive and detailed, that it has allowed us to identify and focus our new business development efforts. This one report has saved months of legwork." Bill Barz, L&L Products, Inc.

"With more than 20 years' experience in the industry, this is the first time we have come across such an extensive and detailed market analysis for our industry." Ven Cote, CEO, ZCL Composites

"The report from Lucintel is useful not only for business planners, but also for the technology officers wanting to create a roadmap of who uses which technology." Dr. Giulio Ranzo, Booz Allen Hamilton Consulting

"Lucintel's report has saved precious time and resources brought together in a concise and informative manner. The report clearly outlines the key markets and segments, but also highlights those with potential. This helps assist with decisions to cement our current position within our own market but also formulate long-term strategies to realize the potential for global growth that can be achieved. The most detailed report of its nature in the market place at present." Paul Everley, Peters & May Ltd.

"We bought Lucintel's report because it is the best report about our industry...a complete and appropriate analysis." Cesare Andrenacci – Ferretti Group

Who Can Benefit From This Report?

This study is intended for senior level executives, sales, marketing and business development professionals at various nodes of value chain of this market. This multi-client market study from Lucintel is used by small to multi-national Fortune 500 companies and utilized for a variety of reasons as follows.

Business development	Strategic planning
Business presentation	Determination of market size and trend
Competitive analysis	Resource and inventory management
Budgeting	Investment decisions

Global Printed Circuit Boards (PCBs) Market 2015-2020: Trends, Forecast, and Opportunity Analysis

Research Methodology:

Lucintel has been closely tracking and conducting research on and for the composites and other segments since 1998. Lucintel has also forayed into economics and other verticals such as industry analysis and company profiles. This research project was designed to determine the current, trend and forecast analysis for growth opportunities in printed circuit boards (PCBs) in global printed circuit boards (PCBs) market. Lucintel compiles vast amounts of data from numerous sources, validates the integrity of that data, and performs a comprehensive analysis on it. Lucintel then organizes the data, its findings, and insights into a concise report designed to support the strategic decision-making process

This study is a culmination of three to four months of full-time effort performed by Lucintel's analyst team. Our analysts used the following sources for the creation and completion of this valuable report:

- Personal, telephonic and email based market survey for all major printed circuit boards (PCBs) in printed circuit boards (PCBs) market 2014-2019 globally.
- In-depth research on top printed circuit boards (PCBs) in printed circuit boards (PCBs) market.
- In-depth research on different segments of printed circuit boards (PCBs) in global printed circuit boards (PCBs) market.
- Extensive search of current published literature, market and database information.
- A compilation of the experiences, judgments, and insights of Lucintel's professionals, who have analyzed and tracked this market over the years.

Lucintel collects a significant amount of un-interpreted data from a variety of sources and converts this into intelligent data as follows. The intelligent data is used by our clients for making confident business decisions. The following figure is a graphical representation of the end-to-end Lucintel research process.

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