

Strategic Growth Opportunities in PCB Market

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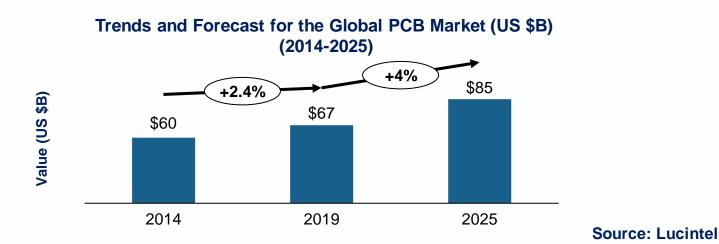
Lucintel

DATE

July, 2020



The PCB market is Expected to reach \$85 billion by 2025 with a CAGR of 4% from 2019 to 2025



Top Companies of PCB Market

Zhen Ding Technology

TTM Technologies

NOK Corporation

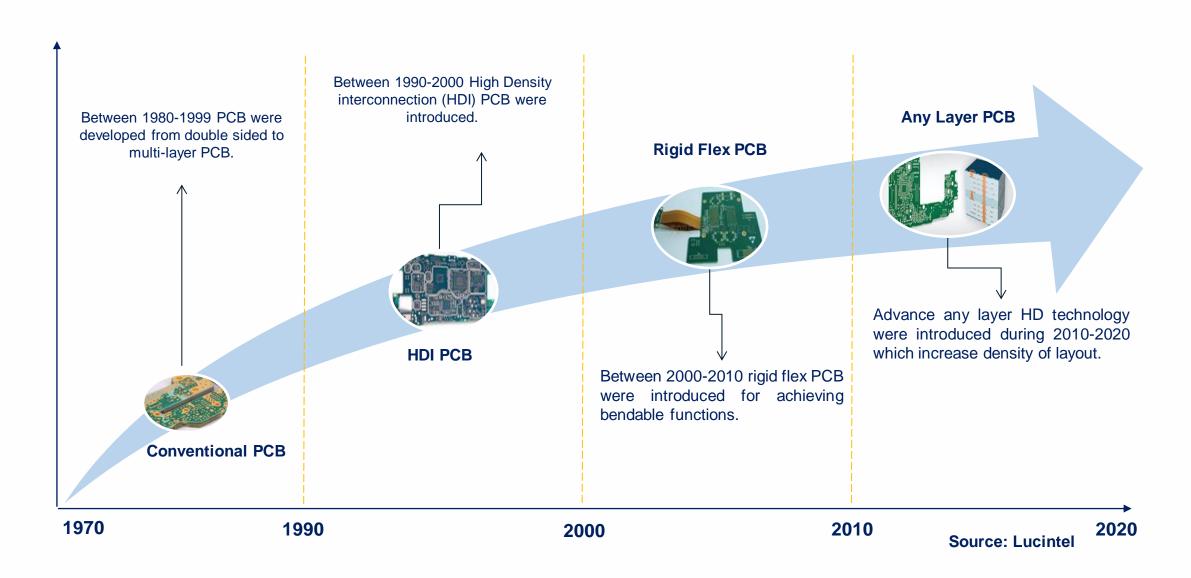
Unimicron Technology

Compeq Manufacturing

Opportunities for PCB Market by Various Product, Material, Raw Material Usage, and End Use Industry			
Product Type	Material	Raw Material Usage	End Use Industry
 Standard Multilayer Flexible Circuit HDI/Microvia/Build-up IC Substrate Rigid Flex 	FR-4FlexiblePaperCEMOthers	Glass FabricsEpoxy ResinKraft PaperPhenolic ResinPolyimide Films	 Computer/Peripherals Communication Consumer Electronics Industrial Electronics Automotive Military/Aerospace



Evolution: PCB Opportunities Have Evolved Through Number of Stages From Conventional PCB to Any Layer HDI PCB



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In This Market, Communication is the Largest End Use Industry, whereas Standard Multilayer is Largest in Product Type





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In Terms of Regions, APAC Provides the Largest Opportunity for PCB Followed by North America and Europe



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Ecosystem of the PCB Market is Composed of Diverse Group of Companies

Material Suppliers (Epoxy Resin, Pl Film, Glass fiber Textile, etc.







HUNTSMAN Enriching lives through innovation



































PCB Manufacturers

























EMS/OEMs (Telecommunication, computer & Peripherals, Consumer, Medical, and Others

























Source: Lucintel

Growing Telecommunication Industry and Advancement in Automotive Electronics are Major Drivers in This Market

Growth in telecommunication industry: Increasing demand for smart phones, emergence of 5G technology, increasing demand for wireless communication is expected to drive the demand for PCB market

Increasing demand for connected device: Growing demand for high end PCBs in IOTs application, such as wearable devices, smart homes, smart supply chain, and others

Advancements in automotive electronics: Increasing electronic functionality in automotive applications, such as ADAS system, infotainments and telematics are expected to drive the PCB market

Continuing pressure in the electronics market to make compact and high-performance devices: PCB manufacturers are facing challenges for complex and compact design and to provides high performance solution

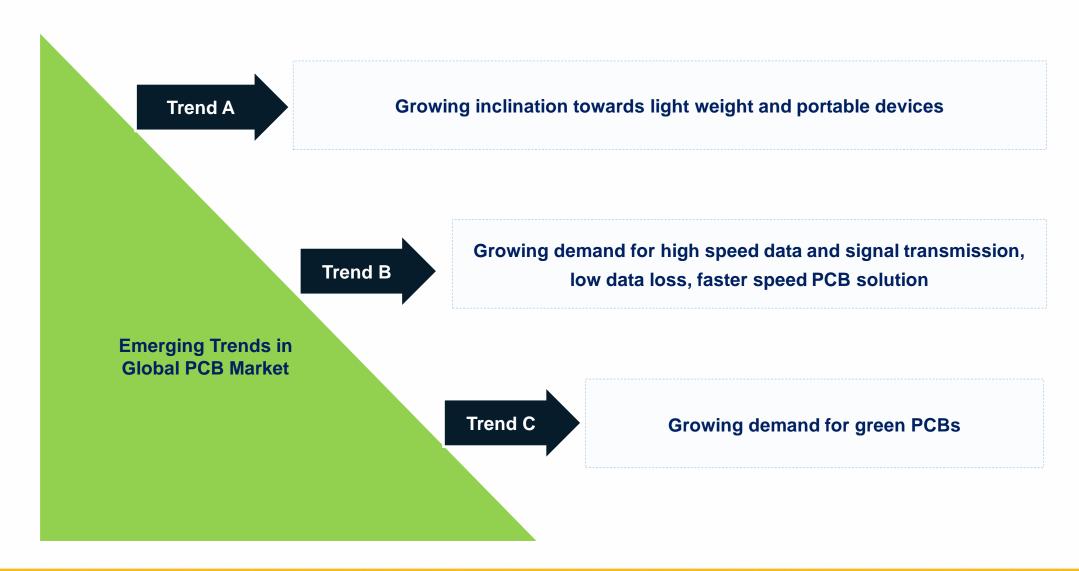
Currency fluctuation: Operational costs and profit margins affected by currency fluctuations.

COVID-19 Impact: Coronavirus is having significant impact on world economy. Market will witness negative growth in the year 2020 due to economic recession lead by COVID-19. It is expected that market will recover from the year 2021.

Source: Lucintel



Growing inclination towards Light Weight and Portable Devices, and Growing Demand of Green PCBs are some of the Emerging Trends in the PCB Market





Developing Capabilities in High Speed and Low Loss PCB Provides Strategic Growth Path

Strategic Considerations of Global PCB Market

Develop Capabilities

- Players of PCB market can focus to develop low loss/ high speed PCB materials
- Increase in capabilities to match up with requirements of miniature electronics devices
- Investments to increase competencies in developing green PCBs.
- Research and development activities to develop high performance and low cost PCB solutions.

Alliances / In-organic Expansions

- Strategic collaborations / acquisitions to increase geographical presence in growing countries like India and Indonesia
- Develop alliances to penetrate in new applications, such as 5G infrastructure

Source: Lucintel



These Insights are Based on Below Market Report from Lucintel. It can help you Identify New Opportunities by Various Segments and Regions











Other Coverage in Report

- New Product Development
- Company Expansion
- Merger Acquisitions & JV
- Company Profiling

Note: These insights are based on recently launched Lucintel's Report on PCB Market, which has 150+ Page and over 100+ charts and tables. Lucintel also offers 10% free customization on above report based on your needs.

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Lucintel has an Extensive Toolkit to Address Strategic Questions



Key Questions

- Is market space / opportunity of current product offerings sufficiently robust?
- Market is focus for many: how can my company profitably differentiate?
- Based on our core skills, where should we focus?
- Should we build or buy? Is build even an option?
- What game changer actions exist and/or is a more incremental approach best?
- What is the order sequence of market entry segments / products?



Lucintel - At a Glance

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- Management comprised of PhDs, MBAs, and subject matter experts. Head quarter in Dallas, USA.

Conducted 500+ consulting projects across industries for 3M, Audi, Dupont, Carlyle, GE, etc.

Consulting Services



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Strategic advice: Over 20 years of proven global strategic management consulting experience

Industries Served





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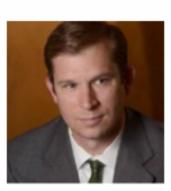
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