

Global Printed Circuit Board (PCB) Market: Size and Forecasts with Impact Analysis of Covid-19 (2020-2024)

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Abstracts

Scope of the Report

The report entitled "Global Printed Circuit Board (PCB) Market: Size and Forecasts with Impact Analysis of Covid-19 (2020-2024)" provides detailed analysis of the PCB market with detailed analysis of impact of Covid-19, market size by value and segments (product type and application). The report also includes analysis of the China 5G BTS PCB market.

Growth of the overall global PCB has also been forecasted for the years 2020-2024, taking into consideration the previous growth patterns, the growth drivers and the current and future trends.

Zhen Ding Technology Holding Limited, Nippon Mektron Limited, TTM Technologies Inc. and Unimicron Technology Corp. are some of the key players operating in the global PCB market, whose company profiling has been done in the report. In this segment of the report, business overview, financial overview and business strategies of respective companies are provided.

Company Coverage

Zhen Technology Holding Limited

Nippon Mektron Limited

TTM Technologies Inc.

Unimicron Technology Corp.

Regional Coverage

North America

China

Executive Summary

Printed circuit boards (PCBs) are the boards that are used as the base in majority of electronics related applications. They are used in the form of a physical support piece and also as the wiring area for the surface-mounted and socketed components. They are most commonly made out of materials like fiberglass, composite epoxy or other composite materials. Bulk of the PCBs for simple electronics are simple and are made out of single layer. More sophisticated hardware such as computer graphics cards or motherboards require multiple layers.

The global PCB market can be segmented on the basis of product type into flex (flexible FPCB and rigid flex PCB), IC substrate, high density interconnect (HDI) and others. On the basis of PCB laminate type, the market can be split into PR4, High Tg Epoxy and Polyimide. The market can be divided on the basis of applications into consumer electronics, automotive, medical, industrial, and military/ aerospace etc.

The growth of the PCB market over the historic period has been supported by various factors such as booming consumer electronics market, growth in healthcare devices industry, increased need for double sided PCB, spike in demand for hi-tech features in automotive and hike in disposable income. The market is also faced by some challenges such as strict supply chain controls and inclination towards COTS components.

Proliferation of 5G technology, 3D printed PCB, other innovations such as biodegradable PCB and spike in use of PCB in wearable technologies and mergers and acquisitions (M&A) activity are some of the latest trends existing in the market.

The growth of the PCB market is strongly linked to the global economy and structural

technology like smartphone, 4G/5G and data center. The downfall in the market in 2020 is expected due to the impact of Covid-19. The pandemic has put brakes on manufacturing of consumer electronics, smartphones and automotive and thus dampened demand for PCBs. The market would showcase gradual recovery owing to resumption of manufacturing activities to give a trigger pulse to the global economy.

Contents

1. EXECUTIVE SUMMARY

2. INTRODUCTION

- 2.1 Printed Circuit Board: An Overview
- 2.2 Types of Printed Circuit Board
- 2.3 Utility of Printed Circuit Board
- 2.4 Printed Circuit Board Manufacturing Process: Overview
- 2.5 Global Printed Circuit Board Market: Supply Chain
- 2.6 Global Printed Circuit Board Market Overview

3. GLOBAL MARKET ANALYSIS

- 3.1 Global Printed Circuit Board Market Analysis
 - 3.1.1 Global Printed Circuit Board Market by Value
 - 3.1.2 Global Printed Circuit Board Market by Application (Communications and Others)
- 3.2 Global Printed Circuit Board Market: Product Type Analysis
 - 3.2.1 Global Printed Circuit Board Market by Product Type (Flex PCB, HDI, IC Substrate and Others)
 - 3.2.2 Global Flex Printed Circuit Board Market by Value
 - 3.2.3 Global Flex Printed Circuit Board Market by Application (Mobile Phones, Computer PC, Consumer, Automotive, Server/ Data Storage and Others)
 - 3.2.4 Global High Density Interconnect (HDI) Printed Circuit Board Market by Value
 - 3.2.5 Global HDI Printed Circuit Board Market by Application (Mobile Phones, Computer PC, Consumer, Automotive, Server/ Data Storage, Wireless Infrastructure, Military/ Aerospace, Medical and Industrial)
 - 3.2.6 Global IC Substrate Printed Circuit Board Market by Value
- 3.3 Global Printed Circuit Board Market: Regional Analysis
 - 3.3.1 Global Printed Circuit Board Market Players by Region of Origin
 - 3.3.2 Global Printed Circuit Board Market by Region

4. REGIONAL ANALYSIS

- 4.1 China Printed Circuit Board Market: Analysis
 - 4.1.1 China 5G BTS Printed Circuit Board Market by Value

5. IMPACT OF COVID-19

- 5.1 Impact on IC Substrate Printed Circuit Board Market
- 5.2 Impact on Automotive Printed Circuit Board Market
- 5.3 Impact on North America Printed Circuit Board Market
 - 5.3.1 Scenario of the Market as on May 2020

6. MARKET DYNAMICS

- 6.1 Growth Drivers
 - 6.1.1 Booming Consumer Electronic Sector
 - 6.1.2 Growing Healthcare Devices Market
 - 6.1.3 Double Side PCB
 - 6.1.4 Spike in Demand for Hi Tech Features in Automotive
 - 6.1.5 Improving Disposable Income
- 6.2 Challenges
 - 6.2.1 Strict Supply Chain Controls
 - 6.2.2 Inclination towards COTS Component
- 6.3 Market Trends
 - 6.3.1 5G Technology
 - 6.3.2 3D Printed PCB
 - 6.3.3 Other Innovations
 - 6.3.4 Mergers and Acquisitions (M&A) Activity

7. COMPETITIVE LANDSCAPE

- 7.1 Global Printed Circuit Board Market Players Analysis
 - 7.1.1 Global Printed Circuit Board Market Players Comparison by Product Type
 - 7.1.2 Global Printed Circuit Board Market Players Sales Exposure by Application
 - 7.1.3 Global 18L + Printed Circuit Board Market Players by Share
 - 7.1.4 Competitive Landscape in Server Printed Circuit Board
- 7.2 Global Printed Circuit Board Market Players: Datacenter PCB/CCL Supply Chain
- 7.3 Global Printed Circuit Board Market Players: Distribution by Product Type
- 7.4 Global Copper Clad Laminate Players: Competitive Landscape
- 7.5 Global HDI Printed Circuit Board Market Players: Competitive Landscape
 - 7.5.1 Global High End HDI Market by Players
- 7.6 Global PCB IC Substrate Market Players: Competitive Landscape
 - 7.6.1 Global IC Substrate Market by Players
 - 7.6.2 Global ABF IC Substrate Market by Players
- 7.7 Global Flexible Printed Circuit Board Market: Players Analysis

7.7.1 Global FPCB Market Players by Share

8. COMPANY PROFILES

8.1 Zhen Ding Technology Holding Limited

8.1.1 Business Overview

8.1.2 Financial Overview

8.1.3 Business Strategy

8.2 Nippon Mektron Limited

8.2.1 Business Overview

8.2.2 Business Strategy

8.3 TTM Technologies Inc.

8.3.1 Business Overview

8.3.2 Financial Overview

8.3.3 Business Strategy

8.4 Unimicron Technology Corp.

8.4.1 Business Overview

8.4.2 Business Strategy

List Of Figures

LIST OF FIGURES

- Figure 1: Steps in Basic PCB Manufacturing Process
- Figure 2: Global Printed Circuit Board Market Segments
- Figure 3: Global Printed Circuit Board Market by Value; 2015-2019 (US\$ Billion)
- Figure 4: Global Printed Circuit Board Market by Value; 2020-2024 (US\$ Billion)
- Figure 5: Global PCB Market by Application; 2019 (Percentage,%)
- Figure 6: Global PCB Market by Product Type; 2019 (Percentage,%)
- Figure 7: Global Flex Printed Circuit Board Market by Value; 2015-2019 (US\$ Billion)
- Figure 8: Global Flex Printed Circuit Board Market by Value; 2020-2024 (US\$ Billion)
- Figure 9: Global Flex Printed Circuit Board Market by Application; 2019 (Percentage,%)
- Figure 10: Global HDI Printed Circuit Board Market by Value; 2015-2019 (US\$ Billion)
- Figure 11: Global HDI Printed Circuit Board Market by Value; 2020-2024 (US\$ Billion)
- Figure 12: Global HDI Printed Circuit Board Market by Application; 2019 (Percentage,%)
- Figure 13: Global IC Substrate Printed Circuit Board Market by Value; 2015-2019 (US\$ Billion)
- Figure 14: Global IC Substrate Printed Circuit Board Market by Value; 2020-2024 (US\$ Billion)
- Figure 15: Global Printed Circuit Board Market Players by Region of Origin; 2019 (Percentage,%)
- Figure 16: Global Printed Circuit Board Market by Region; 2019 (Percentage,%)
- Figure 17: China 5G BTS PCB Market by Value; 2019-2024 (US\$ Billion)
- Figure 18: North America PCB Market by Book to Bill Ratio; May 2019-May 2020
- Figure 19: North America PCB Market Shipments and Bookings; May 2019-May 2020
- Figure 20: Global Consumer Electronics Market by Value; 2016-2019 (US\$ Billion)
- Figure 21: Global Healthcare Devices Market by Value; 2016-2019 (US\$ Billion)
- Figure 22: Global GNI Per Capita; 2013-2018 (US\$)
- Figure 23: Global 18 L + Printed Circuit Board Players by Share; 2019 (Percentage,%)
- Figure 24: Global Flexible Printed Circuit Board Market Players by Share in Apple; 2019 (Percentage,%)
- Figure 25: ZDT Revenue; 2017-2019 (US\$ Billion)
- Figure 26: ZDT Revenue by Region; 2019 (Percentage,%)
- Figure 27: TTM Technologies Net Sales; 2015-2019 (US\$ Billion)
- Figure 28: TTM Technologies Net Sales by Segments; 2019 (Percentage,%)
- Figure 29: TTM Technologies Net Sales by End Market; 2019 (Percentage,%)
- Table 1: Global Printed Circuit Board Market Supply Chain and Major Players

- Table 2: M&A Activity in the Global Printed Circuit Board Market; 2018-2020
- Table 3: Global Printed Circuit Board Market Players Comparison by Product Type; 2019
- Table 4: Global Printed Circuit Board Market Players Sales Exposure by Application; 2019
- Table 5: Global Printed Circuit Board Market Players: Datacenter PCB/CCL Supply Chain
- Table 6: Global Printed Circuit Board Market Players: Distribution by Product Type
- Table 7: Global Copper Clad Laminate Players by Rankings; 2015-2019
- Table 8: Global High End HDI Market by Players; 2018
- Table 9: Global IC Substrate Market by Product Exposure
- Table 10: Global ABF IC Substrate Market by Vendors Capex Plan; 2019-2024 (US\$ Million)
- Table 11: Nippon Mektron Limited Products and Technology Overview

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