

Printed Circuit Boards: Technologies and Global Markets

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Abstracts

Report Scope:

The market scope is defined through consideration of PCB assembly technologies, types, PCB materials, end-user applications, and regions. PCB assembly technologies covered in the report include surface-mount and through-hole technology. The various types of PCBs covered in this report are high-density interconnects (HDI) PCBs, which further cover microvia and every layer of interconnecting PCBs; flexible PCBs are further categorized into single-sided, double-sided, and multilayer flex PCBs; multilayer rigid PCBs; and other PCB types include single-sided, double-sided, and rigid-flex PCBs.

This report highlights different PCB materials, including FR-4, CEM-3, polyimide, polytetrafluoroethylene (PTFE), and others. Moreover, the report also provides an analysis of PCB materials by PCB types. The report also focuses on various end-user applications for PCBs, which include networking devices; healthcare; defense, surveillance, and aviation; energy; consumer electronics; computing and storage; industrial; automotive and transportation; retail; and others. In addition, the report also offers a major regional analysis of North America, Europe, Asia-Pacific, and the Rest of the World. The estimated and forecast market revenue and volume of each region are considered in this report. Moreover, the report also provides the average prices for PCBs by end-user applications.

This report also offers insights on drivers, restraints, and opportunities for the market, which were gathered through primary and secondary research. The report also covers COVID-19 impact as it had a massive impact on society since 2020. Also, the strategies adopted by companies in the PCB market are provided so readers can analyze ongoing

trends in the market.

Report Includes:

41 data tables and 37 additional tables

An up-to-date overview and analysis of the global markets for printed circuit boards (PCBs) and related electronics manufacturing technologies

Analyses of the global market trends, with market revenue data for 2021, estimates for 2022 and 2023, and projections of compound annual growth rates (CAGRs) through 2027

Highlights of the market potential for printed circuit boards, industry growth drivers, and areas of focus to forecast the global PCB market into various segments and sub-segments

Assessment of the underlying technological, environmental, legal/regulatory, and political trends that may influence the size and nature of the market

Estimation of the actual market size and market forecast for printed circuit board, and corresponding market share analysis based on type, assembly technology, material, end-use application, and region

Latest information on growth driving factors and opportunities in the consumer electronics industry, industry shifts and regulations, and other demographic and regional factors that will influence this market demand in the coming years (2022-2027)

Identification of the companies that are best positioned to meet this demand because of their proprietary technologies, strategic alliances, or other advantages

Market assessment of the COVID-19 impact on the global PCB industry, along with its implications on demand and supply, price impact and various government strategic decisions

Descriptive company profiles of the leading global players, including Advanced Circuits, CMK Corp., Meiko Electronics Co. Ltd., Nok Corp., Samsung Electro-

Mechanics and TTM Technologies

Contents

CHAPTER 1 INTRODUCTION

- 1.1 Study Goals and Objectives
- 1.2 What's New in This Update?
- 1.3 Intended Audience
- 1.4 Scope of Report
- 1.5 Research Methodology
- 1.6 Geographic Breakdown
- 1.7 Analyst's Credentials
- 1.8 BCC Custom Research
- 1.9 Related BCC Research Reports

CHAPTER 2 SUMMARY AND HIGHLIGHTS

CHAPTER 3 MARKET OVERVIEW

- 3.1 Introduction
 - 3.1.1 Current Market Scenario
- 3.2 History of PCBs
 - 3.2.1 Evolution of PCBs
- 3.3 Market Dynamics
 - 3.3.1 Market Drivers
 - 3.3.2 Market Restraints
 - 3.3.3 Market Opportunities
 - 3.3.4 Market Challenges
- 3.4 Impact of COVID-19 on PCBs Market
- 3.5 Porter's Five Force Analysis
 - 3.5.1 Threats of New Entrants
 - 3.5.2 Bargaining Power of Suppliers
 - 3.5.3 Bargaining Power of Buyers
 - 3.5.4 Threats of Substitute Products or Services
 - 3.5.5 Rivalry Among the Existing Competitors
- 3.6 Price Trend Analysis
- 3.7 Standards and Regulations
- 3.8 IPC Design Standards
 - 3.8.1 IPC Material Specifications
 - 3.8.2 Performance and Inspection Documents

3.8.3 Flex Assembly and Material Standards

CHAPTER 4 MARKET BREAKDOWN BY ASSEMBLY TECHNOLOGY

- 4.1 Introduction
- 4.2 Surface Mount Technology
- 4.3 Through-Hole Technology

CHAPTER 5 MARKET BREAKDOWN BY TYPE

- 5.1 Introduction
- 5.2 High-density Interconnect (HDI)
 - 5.2.1 Microvias
 - 5.2.2 Every Layer Interconnect
- 5.3 Flexible
 - 5.3.1 Single-sided Flex PCBs
 - 5.3.2 Double-sided Flex PCB
 - 5.3.3 Multilayer Flex PCB
- 5.4 Multilayer
- 5.5 Others

CHAPTER 6 MARKET BREAKDOWN BY MATERIAL

- 6.1 Introduction
- 6.2 FR-4
- 6.3 CEM-3
- 6.4 Polyimide
- 6.5 Polytetrafluoroethylene (PTFE)
- 6.6 Others

CHAPTER 7 MARKET BREAKDOWN BY END-USER APPLICATION

- 7.1 Introduction
- 7.2 Networking Devices
- 7.3 Healthcare
- 7.4 Defense, Surveillance, and Aviation
- 7.5 Energy
- 7.6 Consumer Electronics
- 7.7 Computing and Storage

- 7.8 Industrial
- 7.9 Automotive and Transportation
- 7.10 Retail
- 7.11 Others

CHAPTER 8 MARKET BREAKDOWN BY REGION

- 8.1 Introduction
- 8.2 North America
 - 8.2.1 U.S.
 - 8.2.2 Canada
 - 8.2.3 Mexico
- 8.3 Europe
 - 8.3.1 Germany
 - 8.3.2 U.K.
 - 8.3.3 France
 - 8.3.4 Rest of Europe
- 8.4 Asia-Pacific
 - 8.4.1 China
 - 8.4.2 Taiwan
 - 8.4.3 Japan
 - 8.4.4 South Korea
 - 8.4.5 India
 - 8.4.6 Rest of Asia-Pacific
- 8.5 Rest of the World

CHAPTER 9 COMPETITIVE LANDSCAPE

- 9.1 Top Companies
- 9.2 Strategic Analysis

CHAPTER 10 COMPANY PROFILES

ADVANCED CIRCUITS
AGY
AT&S
CMK CORP.
COHU INC.
COMPEQ

DYNAMIC ELECTRONICS CO. LTD.
I3 ELECTRONICS INC.
MEIKO ELECTRONICS CO. LTD.
NAN YA PCB CORP.
NOK CORP.
SAMSUNG ELECTRO-MECHANICS
SANMINA CORP.
SHENGYI TECHNOLOGY CO. LTD.
SHINKO ELECTRIC INDUSTRIES CO. LTD.
SUMITOMO ELECTRIC INDUSTRIES LTD.
TRIPOD TECHNOLOGY CORP.
TTM TECHNOLOGIES
UNIMICRON TECHNOLOGY CORP.
ZHEN DING TECHNOLOGY HOLDING LTD.

CHAPTER 11 APPENDIX: LIST OF ACRONYMS

List Of Tables

LIST OF TABLES

Summary Table: Global Market for Printed Circuit Boards, by Region, Through 2027

Table 1: IPC Standards for PCB Design

Table 2: IPC Material Standards

Table 3: Performance and Inspection Documents

Table 4: Flex Assembly and Material Standards

Table 5: Global Market for Printed Circuit Boards, by Assembly Technology, Through 2027

Table 6: Global Market for Printed Circuit Boards, by Type, Through 2027

Table 7: Global Market for Printed Circuit Boards, by Material, Through 2027

Table 8: Global Market for Printed Circuit Boards, by End-User Application, Through 2027

Table 9: Global Market Volume of Printed Circuit Boards, by End-User Application, Through 2027

Table 10: Average Selling Price of Printed Circuit Boards, by End-User Application, Through 2027

Table 11: Global Market for Printed Circuit Boards, by Region, Through 2027

Table 12: Global Market for Printed Circuit Boards in Healthcare Applications, by Region, Through 2027

Table 13: Global Market for Printed Circuit Boards in Defense, Surveillance, and Aviation Applications, by Region, Through 2027

Table 14: Global Market for Printed Circuit Boards in Energy Applications, by Region, Through 2027

Table 15: Global Market for Printed Circuit Boards in Consumer Electronics, by Region, Through 2027

Table 16: Global Market for Printed Circuit Boards in Computing and Storage Applications, by Region, Through 2027

Table 17: Global Market for Printed Circuit Boards in Industrial Applications, by Region, Through 2027

Table 18: Global Market for Printed Circuit Boards in Automotive and Transportation Applications, by Region, Through 2027

Table 19: Global Market for Printed Circuit Boards in Retail Applications, by Region, Through 2027

Table 20: Global Market for Printed Circuit Boards in Other Applications, by Region, Through 2027

Table 21: Global Market for Printed Circuit Boards, by Region, Through 2027

Table 22: Global Market Volume of Printed Circuit Boards, by Region, Through 2027

Table 23: North American Market for Printed Circuit Boards, by Country, Through 2027

Table 24: North American Market for Printed Circuit Boards, by End-User Application, Through 2027

Table 25: European Market for Printed Circuit Boards, by Country, Through 2027

Table 26: European Market for Printed Circuit Boards, by End-User Application, Through 2027

Table 27: Asia-Pacific Market for Printed Circuit Boards, by Country, Through 2027

Table 28: Asia-Pacific Market for Printed Circuit Boards, by End-User Application, Through 2027

Table 29: Rest of the World Market for Printed Circuit Boards, by Country, Through 2027

Table 30: Rest of the World Market for Printed Circuit Boards, by End-User Application, Through 2027

Table 31: Product Launches and Developments in the Global Market for Printed Circuit Boards, September 2020-March 2022

Table 32: Collaborations, Agreements, Partnerships in the Global Market for Printed Circuit Boards, July 2020-July 2022

Table 33: Acquisitions and Expansions in the Global Market for Printed Circuit Boards, October 2021-March 2022

Table 34: Advanced Circuits: Products

Table 35: AGY: Products

Table 36: AT&S: Net Revenue, 2019-2021

Table 37: AT&S: Products

Table 38: AT&S: Key Management

Table 39: AT&S: Recent Developments, 2021

Table 40: CMK Corp.: Net Revenue, 2019-2021

Table 41: CMK Corp.: Products

Table 42: CMK Corp.: Key Management

Table 43: Cohu Inc.: Net Revenue, 2019-2021

Table 44: Cohu Inc.: Products

Table 45: Compeq: Net Revenue, 2019-2021

Table 46: Compeq: Products

Table 47: Dynamic Electronics: Products

Table 48: I3 Electronics: Products

Table 49: Meiko Electronics Co. Ltd.: Net Revenue, 2019-2021

Table 50: Meiko Electronics Co. Ltd.: Products

Table 51: Meiko Electronics Co. Ltd.: Key Management

Table 52: Nan Ya PCB Corp.: Net Revenue, 2019-2021

Table 53: Nan Ya PCB Corp.: Products

Table 54: Nan Ya PCB Corp.: Key Management

Table 55: Nok Corp.: Net Revenue, 2019-2021

Table 56: Nok Corp.: Products

Table 57: Samsung Electro-Mechanics: Net Revenue, 2019-2021

Table 58: Samsung Electro-Mechanics: Products

Table 59: Samsung Electro-Mechanics: Key Management

Table 60: Sanmina Corp.: Net Revenue, 2019-2021

Table 61: Sanmina Corp.: Products

Table 62: Sanmina Corp.: Key Management

Table 63: Shengyi Technology Co. Ltd.: Products

Table 64: Shinko Electric Industries: Net Revenue, 2019-2021

Table 65: Shinko Electric Industries Co. Ltd.: Products

Table 66: Shinko Electric Industries Co. Ltd.: Key Management

Table 67: Sumitomo Electric Printed Circuits Inc.: Products

Table 68: Sumitomo Electric Printed Circuits Inc.: Key Management

Table 69: Tripod Technology Corp.: Net Revenue, 2019-2021

Table 70: Tripod Technology Corp.: Products

Table 71: TTM Technologies: Net Revenue, 2019-2021

Table 72: TTM Technologies: Products

Table 73: Unimicron: Net Revenue, 2019-2021

Table 74: Unimicron: Products

Table 75: Zhen Ding Technology: Net Revenue, 2019-2021

Table 76: Zhen Ding Technology: Products

Table 77: List of Acronyms Used in This Report

List Of Figures

LIST OF FIGURES

Summary Figure: Global Market Shares of Printed Circuit Boards, by Region, 2021

Figure 1: Global Market Shares of Printed Circuit Boards, by Assembly Technology, 2021

Figure 2: Global Market Shares of Printed Circuit Boards, by Assembly Technology, 2027

Figure 3: Global Market Shares of Printed Circuit Boards, by Type, 2021

Figure 4: Global Market Shares of Printed Circuit Boards, by Type, 2027

Figure 5: Global Market Shares of Printed Circuit Boards, by Material, 2021

Figure 6: Global Market Shares of Printed Circuit Boards, by Material, 2027

Figure 7: Global Market Shares of Printed Circuit Boards, by End-User Application, 2021

Figure 8: Global Market Shares of Printed Circuit Boards, by End-User Application, 2027

Figure 9: Global Market Shares of Printed Circuit Boards in Networking Devices, by Region, 2021

Figure 10: Global Market Shares of Printed Circuit Boards in Networking Devices, by Region, 2027

Figure 11: Global Market Shares of Printed Circuit Boards in Healthcare Applications, by Region, 2021

Figure 12: Global Market Shares of Printed Circuit Boards in Healthcare Applications, by Region, 2027

Figure 13: Global Market Shares of Printed Circuit Boards in Defense, Surveillance, and Aviation Applications, by Region, 2021

Figure 14: Global Market Shares of Printed Circuit Boards in Defense, Surveillance, and Aviation Applications, by Region, 2027

Figure 15: Global Market Shares of Printed Circuit Boards in Energy Applications, by Region, 2021

Figure 16: Global Market Shares of Printed Circuit Boards in Energy Applications, by Region, 2027

Figure 17: Global Market Shares of Printed Circuit Boards in Consumer Electronics, by Region, 2021

Figure 18: Global Market Shares of Printed Circuit Boards in Consumer Electronics, by Region, 2027

Figure 19: Global Market Shares of Printed Circuit Boards in Computing and Storage Applications, by Region, 2021

Figure 20: Global Market Shares of Printed Circuit Boards in Computing and Storage Applications, by Region, 2027

Figure 21: Global Market Shares of Printed Circuit Boards in Industrial Applications, by Region, 2021

Figure 22: Global Market Shares of Printed Circuit Boards in Industrial Applications Market, by Region, 2027

Figure 23: Global Market Shares of Printed Circuit Boards in Automotive and Transportation Applications Market, by Region, 2021

Figure 24: Global Market Shares of Printed Circuit Boards in Automotive and Transportation Applications, by Region, 2027

Figure 25: Global Market Shares of Printed Circuit Boards in Retail Applications, by Region, 2021

Figure 26: Global Market Shares of Printed Circuit Boards in Retail Applications, by Region, 2027

Figure 27: Global Market Shares of Printed Circuit Boards in Other Applications, by Region, 2021

Figure 28: Global Market Shares of Printed Circuit Boards in Other Applications, by Region, 2027

Figure 29: Global Market Shares of Printed Circuit Boards, by Region, 2021

Figure 30: Global Market Volume Shares of Printed Circuit Boards, by Region, 2021

Figure 31: North American Market Shares of Printed Circuit Boards, by Country, 2021

Figure 32: North American Market Shares of Printed Circuit Boards, by Country, 2027

Figure 33: U.S. Market for Printed Circuit Boards, 2021-2027

Figure 34: Canadian Market for Printed Circuit Boards, 2021-2027

Figure 35: Mexican Market for Printed Circuit Boards, 2021-2027

Figure 36: European Market Shares of Printed Circuit Boards, by Country, 2021

Figure 37: European Market Shares of Printed Circuit Boards, by Country, 2027

Figure 38: German Market for Printed Circuit Boards, 2021-2027

Figure 39: U.K. Market for Printed Circuit Boards, 2021-2027

Figure 40: French Market for Printed Circuit Boards, 2021-2027

Figure 41: Rest of European Market for Printed Circuit Boards, 2021-2027

Figure 42: Asia-Pacific Market Shares of Printed Circuit Boards, by Country, 2021

Figure 43: Asia Pacific Market Shares of Printed Circuit Boards, by Country, 2027

Figure 44: Chinese Market for Printed Circuit Boards, 2021-2027

Figure 45: Taiwanese Market for Printed Circuit Boards, 2021-2027

Figure 46: Japanese Market for Printed Circuit Boards, 2021-2027

Figure 47: South Korean Market for Printed Circuit Boards, 2021-2027

Figure 48: Indian Market for Printed Circuit Boards, 2021-2027

Figure 49: Rest of Asia-Pacific Market for Printed Circuit Boards, 2021-2027

- Figure 50: Rest of the World Market Shares of Printed Circuit Boards, by Country, 2021
- Figure 51: Rest of the World Market Shares of Printed Circuit Boards, by Country, 2027
- Figure 52: Shares of the Most Followed Strategies Used in the Global Market for Printed Circuit Boards, January 2020-July 2022
- Figure 53: AT&S: Revenue Share, by Business Segment, 2021
- Figure 54: AT&S: Sales Share, by Region, 2021
- Figure 55: CMK Corp.: Revenue Share, by Business Segment, 2021
- Figure 56: CMK Corp.: Sales Share, by Product, 2021
- Figure 57: Cohu Inc.: by Business Segment, 2021
- Figure 58: Meiko Electronics Co. Ltd.: Revenue Share, by Business Segment, 2021
- Figure 59: Nan Ya PCB Corp.: Revenue Share, by Business Segment, 2021
- Figure 60: Nan Ya PCB Corp.: Revenue Share, by Country, 2021
- Figure 61: Samsung Electro-Mechanics: Revenue Share, by Business Segment, 2021
- Figure 62: Samsung Electro-Mechanics: Revenue Share, by Region, 2021
- Figure 63: Sanmina Corp.: Revenue Share, by Business Segment, 2021
- Figure 64: Sanmia Corp.: Revenue Share, by Region, 2021
- Figure 65: Shinko Electric Industries: Revenue Share, by Business Segment, 2021
- Figure 66: TTM Technologies: Revenue Share, by Business Segment, 2021
- Figure 67: TTM Technologies: Revenue Share, by Region, 2021
- Figure 68: Unimicron: Revenue Share, by Region, 2021
- Figure 69: Zhen Ding Technology: Revenue Share, by Country, 2021

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