Printed Circuit Boards: Technologies and Global Markets

Description: The global market for printed circuit boards (PCBs) reached nearly $61.5 billion in 2015. The market is expected to reach nearly $73.8 billion by 2021 from $63.5 billion in 2016, increasing at a compound annual growth rate (CAGR) of 3.1% from 2016 to 2021.

This report provides:

- An overview of the global markets and related technologies for printed circuit boards.

Breakdowns and analysis by structure:
- Multilayer
- Flexible
- Rigid-flex
- Microvia
- Substrate

Breakdowns by application:
- Telecommunications
- Medicine
- Computing and entertainment
- Consumer electronics
- Instrumentation and scientific research
- Energy, defense, and surveillance
- Industrial and automotive

Analysis of the value chain including looks at material specialists, board makers, engineering manufacturing service providers and OEMs.

This report forecasts the size of the market in current U.S. dollars and shipment volumes from 2015 to 2021.

The report forecasts the market size for PCBs used in end applications, including mobile phones and tablets; networking devices; instrumentation and scientific research; medicine; defense, surveillance and aviation; energy; consumer electronics; computing and storage; industrial; automotive and transportation; and retail. Forecasts for individual end applications are classified on the basis of PCB type and geographic region.

Chapter Two is an executive summary that provides a snapshot of the key findings of the report.

Chapter Three provides an overview of PCBs and introduces the various types. It also provides an overview of the market and breaks in down by type, geographical region and end application.

Chapter Four analyzes the global PCB market and highlights the characteristics of PCB adoption in end applications. Each end application is further broken down by PCB type and geographical region.

Chapter Five presents a stakeholder analysis that identifies major stakeholder categories associated with PCB technologies, explains the dynamics of individual categories and highlights pertinent representative examples.

Chapter Six analyzes U.S. patents granted in areas relevant to PCBs.

Contents:

1. Introduction
   - Study Goals And Objectives
2: Executive Summary
   - Table Summary: Global Pcb Market, By End Application, Through 2021
   - Figure Summary: Global Pcb Market, By End Application, 2015-2021

3: Overview Of Pcb
   - Definition And Important Terms
   - Overview Of Pcb Market By Application
   - Overview Of Pcb Types
   - Pcb Market By Region
   - Pcb Market By Type
   - Pcb Market By Year

4: Global Pcb Markets
   - End-Application Categories

5: Stakeholder Analysis
   - Introduction To Categories
   - Individual Stakeholder Analysis

6: U.S. Patent Analysis
   - Introduction
   - Trends By Functional Categories
   - Technology Trends By Year
   - Trends By Country
   - Trends By Assignee

List Of Tables
Summary Table: Global Pcb Market, By End Application, Through 2021
Table 1: Global Pcb Shipments By End Application, Through 2021
Table 2: Global Pcb Market Asps By End Application, 2015-2021
Table 3: Global Pcb Market By Pcb Type, Through 2021
Table 4: Global Pcb Shipments By Pcb Type, Through 2021
Table 5: Global Pcb Asp By Type, Through 2021
Table 6: Global Pcb Market By Region, Through 2021
Table 7: Global Pcb Shipments By Region, Through 2021
Table 8: Global Pcb Asp By Region, 2015-2021
Table 9: Global Pcb Market For Mobile Phones And Tablets End Applications By Type, Through 2021
Table 10: Global Pcb Shipments For Mobile Phones And Tablets End Applications By Pcb Type, Through 2021
Table 11: Global Pcb Asp For Mobile Phones And Tablets End Applications By Pcb Type, 2015-2021
Table 12: Global Pcb Market For Mobile Phones And Tablets End Applications By Region, Through 2021
Table 13: Global Pcb Shipments For Mobile Phones And Tablets End Applications By Region, Through 2021
Table 14: Global Pcb Asp For Mobile Phones And Tablets End Applications By Region, 2015-2021
Table 15: Global Pcb Market For Networking Devices End Applications By Pcb Type, Through 2021
Table 16: Global Pcb Shipments For Networking Devices End Applications By Pcb Type, Through 2021
Table 17: Global Pcb Asp For Networking Devices End Applications By Pcb Type, 2015-2021
Table 18: Global Pcb Market For Networking Devices End Applications By Region, Through 2021
Table 19: Global Pcb Shipments For Networking Devices End Applications By Region, Through 2021
Table 20: Global Pcb Asp For Networking Devices End Applications By Region, 2015-2021
Table 21: Global Pcb Market For Instrumentation And Scientific Research End Applications By Pcb Type, Through 2021
Table 22: Global Pcb Shipments For Instrumentation And Scientific Research End Applications By Pcb Type, Through 2021
Table 23: Global Pcb Asp For Instrumentation And Scientific Research End Applications By Type, 2015-2021
Table 24 : Global Pcb Market For Instrumentation And Scientific Research End Applications By Region, Through 2021
Table 25 : Global Pcb Shipments For Instrumentation And Scientific Research End Applications By Region, Through 2021
Table 26 : Pcb Asp For Instrumentation And Scientific Research End Applications By Region, 2015-2021
Table 27 : Global Pcb Market For Medicine End Applications By Pcb Type, Through 2021
Table 28 : Global Pcb Shipments For Medicine End Applications By Pcb Type, Through 2021
Table 29 : Global Pcb Asp For Medicine End Applications By Type, 2015-2021
Table 30 : Global Pcb Market For Defense, Surveillance And Aviation End Applications By Pcb Type, Through 2021
Table 31 : Global Pcb Shipments For Medicine End Applications By Region, Through 2021
Table 32 : Global Pcb Asp For Medicine End Applications By Region, 2015-2021
Table 33 : Global Pcb Market For Defense, Surveillance And Aviation End Applications By Region, Through 2021
Table 34 : Global Pcb Shipments For Defense, Surveillance And Aviation End Applications By Pcb Type, Through 2021
Table 35 : Global Pcb Asp For Defense, Surveillance And Aviation End Applications By Type, 2015-2021
Table 36 : Global Pcb Market For Defense, Surveillance And Aviation End Applications By Region, Through 2021
Table 37 : Global Pcb Shipments For Energy End Applications By Pcb Type, Through 2021
Table 38 : Global Pcb Shipments For Energy End Applications By Region, Through 2021
Table 39 : Global Pcb Asp For Energy End Applications By Type, 2015-2021
Table 40 : Global Pcb Market For Computing And Storage End Applications By Pcb Type, Through 2021
Table 41 : Global Pcb Shipments For Computing And Storage End Applications By Pcb Type, Through 2021
Table 42 : Global Pcb Asp For Computing And Storage End Applications By Pcb Type, 2015-2021
Table 43 : Global Pcb Market For Computing And Storage End Applications By Region, Through 2021
Table 44 : Global Pcb Shipments For Computing And Storage End Applications By Region, Through 2021
Table 45 : Global Pcb Asp For Computing And Storage End Applications By Region, 2015-2021
Table 46 : Global Pcb Shipments For Industrial End Applications By Pcb Type, Through 2021
Table 47 : Global Pcb Shipments For Industrial End Applications By Region, Through 2021
Table 48 : Global Pcb Asp For Industrial End Applications By Type, 2015-2021
Table 49 : Global Pcb Market For Industrial End Applications By Region, Through 2021
Table 50 : Global Pcb Shipments For Industrial End Applications By Region, Through 2021
Table 51 : Global Pcb Asp For Industrial End Applications By Region, 2015-2021
Table 52 : Global Pcb Shipments For Automotive And Transportation End Applications By Pcb Type, Through 2021
Table 53 : Global Pcb Shipments For Automotive And Transportation End Applications By Region, Through 2021
Table 54 : Global Pcb Asp For Automotive And Transportation End Applications By Pcb Type, 2015-2021
Table 55 : Global Pcb Shipments For Automotive And Transportation End Applications By Region, Through 2021
Table 56 : Global Pcb Asp For Automotive And Transportation End Applications By Region, 2015-2021
Table 57 : Global Pcb Shipments For Retail End Applications By Pcb Type, Through 2021
Table 58 : Global Pcb Shipments For Retail End Applications By Region, Through 2021
Table 59 : Global Pcb Asp For Retail End Applications By Type, 2015-2021
Table 60 : Global Pcb Market For Retail End Applications By Region, Through 2021
Table 61 : Global Pcb Shipments For Retail End Applications By Region, Through 2021
Table 62 : Global Pcb Asp For Retail End Applications By Region, 2015-2021
Table 63 : U.S. Patents For Pcb Technologies And Applications By Patent Category, 1976-February 2016
Table 64 : U.S. Patents For Pcb Technologies And Applications Of Allocation, By Year 1976-February 2016
Table 65 : Shares Of U.S. Patents In Pcb Technologies And Applications By Country Of Grant, 1976-February
2016
Table 78: Assignees Of U.S. Patents For Pcb Technologies And Applications, 1976-February 2016
Table 79: Assignees With Three Or More U.S. Patents For Pcb Technologies And Applications, 1976-February 2016

List Of Figures
Summary Figure: Global Pcb Market, By End Application, 2015-2021

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