

Global FR-4 PCBs Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G3D40A8C4984EN.html>

Date: September 2025

Pages: 117

Price: US\$ 3,132.00 (Single User License)

ID: G3D40A8C4984EN

Abstracts

According to our (Global Info Research) latest study, the global FR-4 PCBs market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

FR-4 printed circuit board is a composite material made of epoxy resin plus filler (Filler) and glass fiber. It is widely used in communications, automobiles, Medical, industrial control, security and other fields.

According to our Semiconductor Research Center, the global total output value of PCB was about US\$ 81 billion in 2022. With strong drivers from new technology, such as AI, 5G and new energy vehicles, it is estimated that the PCB industry will continue to grow steadily in the next six years. Global PCB manufacturers are mainly located in China mainland, China Taiwan, Japan, South Korea, Europe and the United States. Among them, Chinese local PCB companies hold the biggest share.

This report is a detailed and comprehensive analysis for global FR-4 PCBs market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global FR-4 PCBs market size and forecasts, in consumption value (\$ Million), sales

quantity (K Sqm), and average selling prices (US\$/Sqm), 2020-2031

Global FR-4 PCBs market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Sqm), and average selling prices (US\$/Sqm), 2020-2031

Global FR-4 PCBs market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Sqm), and average selling prices (US\$/Sqm), 2020-2031

Global FR-4 PCBs market shares of main players, shipments in revenue (\$ Million), sales quantity (K Sqm), and ASP (US\$/Sqm), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for FR-4 PCBs

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global FR-4 PCBs market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Kingboard, ICAPE, MEIKO ELECTRONICS, CircuitWala, SCC, TTM, Nanya PCB, PCBMay, Compeq, AT&S, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

FR-4 PCBs market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Single-sided FR-4 PCB

Double-sided FR-4 PCB

FR-4 Multilayer PCB

Market segment by Application

Consumer Electronics

Computer

Communications Industrial

Others

Major players covered

Kingboard

ICAPE

MEIKO ELECTRONICS

CircuitWala

SCC

TTM

Nanya PCB

PCBMay

Compeq

AT&S

Shenzhen Boruidingsheng Technology Co., Ltd.

Lead&Wit Circuits

KINGSUNPCB

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe FR-4 PCBs product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of FR-4 PCBs, with price, sales quantity, revenue, and global market share of FR-4 PCBs from 2020 to 2025.

Chapter 3, the FR-4 PCBs competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the FR-4 PCBs breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and FR-4 PCBs market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces

analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of FR-4 PCBs.

Chapter 14 and 15, to describe FR-4 PCBs sales channel, distributors, customers, research findings and conclusion.

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