

# Global FR4 Printed Circuit Board Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global FR4 Printed Circuit Board market size is expected to reach \$ 15930 million by 2029, rising at a market growth of 4.7% CAGR during the forecast period (2023-2029).

FR4 is a class of printed circuit board base material made from a flame retardant epoxy resin and glass fabric composite. FR stands for flame retardant and meets the requirements of UL94V-0. FR4 has good adhesion to copper foil and has minimal water absorption, making it very suitable for standard applications. FR4 sheets are widely popular among electrical engineers and designers as a PCB base material. The low cost and versatility of the material, as well as its wealth of beneficial physical properties, account for that popularity. FR4 sheets are electrical insulators with high dielectric strength. They also feature a high strength-to-weight ratio and are lightweight and resistant to moisture. Add this to their relative temperature resistance, and FR4 material can perform well in most environmental conditions.

This report studies the global FR4 Printed Circuit Board production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for FR4 Printed Circuit Board, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of FR4 Printed Circuit Board that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global FR4 Printed Circuit Board total production and demand, 2018-2029, (K Sqm)

Global FR4 Printed Circuit Board total production value, 2018-2029, (USD Million)

Global FR4 Printed Circuit Board production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Sqm)

Global FR4 Printed Circuit Board consumption by region & country, CAGR, 2018-2029 & (K Sqm)

U.S. VS China: FR4 Printed Circuit Board domestic production, consumption, key domestic manufacturers and share

Global FR4 Printed Circuit Board production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Sqm)

Global FR4 Printed Circuit Board production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Sqm)

Global FR4 Printed Circuit Board production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Sqm).

This reports profiles key players in the global FR4 Printed Circuit Board market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Zhen Ding Technology, JHDPCB, Unimicron, DSBJ, Nippon Mektron, TTM Technologies, Compeq, Shennan Circuits and Ibiden, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World FR4 Printed Circuit Board market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (K Sqm) and average price (US\$/Sqm) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

#### Global FR4 Printed Circuit Board Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global FR4 Printed Circuit Board Market, Segmentation by Type

Single-Sided PCB

Double-Sided PCB

Multilayered PCB

#### Global FR4 Printed Circuit Board Market, Segmentation by Application

Consumer Electronics

Computer

Communications

Industrial and Medical

Automotive

Military and Aerospace

Others

#### Companies Profiled:

Zhen Ding Technology

JHDPCB

Unimicron

DSBJ

Nippon Mektron

TTM Technologies

Compeq

Shennan Circuits

Ibiden

HannStar Board (GBM)

SEMCO

Kingboard

AT and S

## Nanya PCB

### Key Questions Answered

1. How big is the global FR4 Printed Circuit Board market?
2. What is the demand of the global FR4 Printed Circuit Board market?
3. What is the year over year growth of the global FR4 Printed Circuit Board market?
4. What is the production and production value of the global FR4 Printed Circuit Board market?
5. Who are the key producers in the global FR4 Printed Circuit Board market?

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