

Global Advanced IC Substrates Market 2022-2031 by Packaging Type (FC BGA, FC CSP, Others), Material Type (Rigid, Flex, Ceramic), Manufacturing Method (SP, AP, MSAP), Bonding Technology (Wire Bonding, FC Bonding, TAB), Application (Mobile and Consumer Electronics, Automotive and Transportation, IT and Telecom, Others), and Region: Trend Forecast and Growth Opportunity

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Abstracts

Global advanced IC substrates market will reach \$16,953.8 million by 2031, growing by 7.3% annually over 2022-2031, driven by the rising adoption of advanced substrates in manufacturing of electronics, the increasing prevalence and functionality of consumer electronic products such as smart devices and smart wearables, and the increasing penetration of advanced technologies such as 5G and IoT connected devices.

Highlighted with 110 tables and 82 figures, this 187-page report “Global Advanced IC Substrates Market 2022-2031 by Packaging Type (FC BGA, FC CSP, Others), Material Type (Rigid, Flex, Ceramic), Manufacturing Method (SP, AP, MSAP), Bonding Technology (Wire Bonding, FC Bonding, TAB), Application (Mobile and Consumer Electronics, Automotive and Transportation, IT and Telecom, Others), and Region: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire global advanced IC substrates market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2021-2022 and provides forecast from 2023 till 2031 with 2022 as the base year.

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of global market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify global advanced IC substrates market in every aspect of the classification from perspectives of Packaging Type, Material Type, Manufacturing Method, Bonding Technology, Application, and Region.

Based on Packaging Type, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2031 included in each section.

FC BGA

FC CSP

Other Packaging Types

Based on Material Type, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2031 included in each section.

Rigid Integrated Circuit Substrate

Flex Integrated Circuit Substrate

Ceramic Integrated Circuit Substrate

By Manufacturing Method, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2031 included in each section.

Subtraction Process (SP)

Addition Process (AP)

Modified Semi-additive Process (MSAP)

By Bonding Technology, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2031 included in each section.

Wire Bonding

FC Bonding

Tape Automated Bonding (TAB)

By Application, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2031 included in each section.

Mobile and Consumer Electronics

Automotive and Transportation

IT and Telecom

Other Applications

Geographically, the following regions together with the listed national/local markets are fully investigated:

North America (U.S., Canada, and Mexico)

Europe (Germany, UK, France, Spain, Italy, Netherlands, Rest of Europe; Rest of Europe is further segmented into Russia, Switzerland, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland)

APAC (Japan, China, South Korea, Australia, Taiwan, and Rest of APAC; Rest of APAC is further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, India, and Philippines)

South America (Brazil, Chile, Argentina, Rest of South America)

MEA (UAE, Saudi Arabia, South Africa and Rest of MEA)

For each aforementioned region and country, detailed analysis and data for annual revenue (\$ mn) are available for 2022-2031. The breakdown of all regional markets by country and split of each national market by Packaging Type, Material Type and Application over the forecast years are also included.

The report also covers the current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

ASE Group

AT&S Austria Technologie & Systemtechnik AG

Fujitsu Ltd.

IBIDEN Co., Ltd.

Kinsus Interconnect Technology Corp.

Korea Circuit Co., Ltd.

KYOCERA Corporation

LG Innotek Co., Ltd.

Nan Ya PCB Co., Ltd. (Nan Ya Plastics Corporation)

Shenzhen Fastprint Circuit Tech

Shinko Electric Industries Co., Ltd.

Siliconware Precision Industries Co., Ltd.

STATS ChipPAC Pte. Ltd. (JCET GROUP CO. LTD)

TTM Technologies Inc.

Unimicron Corporation

Zhen Ding Technology Holding Ltd.

Zhuhai ACCESS Semiconductor

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

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 - Nan Ya PCB Co., Ltd. (Nan Ya Plastics Corporation)
 - Shenzhen Fastprint Circuit Tech
 - Shinko Electric Industries Co., Ltd.
 - Siliconware Precision Industries Co., Ltd.

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