

# Advanced IC Substrate Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

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## Abstracts

The global advanced IC substrate market reached a value of US\$ 8.80 Billion in 2021. Looking forward, IMARC Group expects the market to reach a value of US\$ 13.47 Billion by 2027, exhibiting a CAGR of 7.10% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use industries. These insights are included in the report as a major market contributor.

Advanced integrated circuit (IC) substrate is a baseboard used to connect the printed circuit boards (PCBs) to the semiconductor chips. It is compact, durable, lightweight, energy-efficient, and cost-effective and exhibits high thermal dissipation performance. In addition, it provides high reliability and outstanding electrical properties, reduces the overall weight of PCBs, and increases their functionality and dimensional control. As a result, it is currently widely used for manufacturing miniaturized electronic products with the latest functions.

### Advanced IC Substrate Market Trends:

The escalating demand for miniaturized consumer electronic products, such as tablets, laptops, smartphones, and personal computers (PCs), represents one of the key factors impelling the market growth. Moreover, the rising need for remote-controlled electrical equipment in industrial applications is contributing to the market growth. Apart from this, defense departments in various countries rely on several microelectronics, such as nuclear-armed bombers, submarines, intercontinental ballistic missiles, and space-based sensors, to make deterrence strategies that protect deployed forces, allies, and partners. Furthermore, as sensitive microelectronics are vulnerable to high levels of ionizing radiation, defense agencies are deploying advanced IC substrates to protect

them in hazardous conditions. Besides this, a wide range of applications of handheld, portable, and implantable medical electronic devices in the diagnosis and treatment of various critical diseases is catalyzing the demand for advanced IC substrates in the healthcare industry. In line with this, the growing trend of cars with driverless and safety features and innovative infotainment systems are contributing to the adoption of advanced IC substrates in the automotive industry. This can also be accredited with efforts undertaken by governing agencies of numerous countries to promote green, electric vehicles (EVs) and minimize greenhouse (GHG) emissions of automobiles.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global advanced IC substrate market, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on type and application.

#### Breakup by Type:

FC BGA

FC CSP

#### Breakup by Application:

Consumer Electronics

Automotive and Transportation

IT and Telecom

Others

#### Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

#### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being ASE Group, AT & S Austria Technologie & Systemtechnik Aktiengesellschaft, Fujitsu Limited, Ibiden Co. Ltd., JCET Group 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), TTM Technologies Inc. and Unimicron Technology Corporation (United Microelectronics Corporation).

#### Key Questions Answered in This Report:

How has the global advanced IC substrate market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global advanced IC substrate market?

What are the key regional markets?

What is the breakup of the market based on the type?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global advanced IC substrate market and who are the key players?

What is the degree of competition in the industry?

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