Burn-in Boards Market is anticipated to reach a value of USD 598.85 Million by the end of 2030

The report estimates primary factors such as changing consumer needs, evolving technologies, new marketing, and promotion tools, and a development base.

NEWARK, UNITED STATES, September 26, 2022 /EINPresswire.com/ -- As per the report published, the global burn-in boards market is expected to grow from USD 365.19 Million in 2021 to USD 598.85 Million by 2030, at a CAGR of 5.65% during the forecast period 2022-2030.

Burn-in boards are printed circuit boards that are used in the burn-in process. Most often, these boards are used for burn-in testing. On these boards, ASICs and other components are placed for testing. There are unique sockets available to install the ICs in the burn-in boards. Before regular usage, components undergo a process known as "burn-in," in which they are put under strain to identify potential failure areas and ensure component dependability.

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Market Growth & Trends
The materials utilized must be particularly resistant since the burn-in process typically involves temperatures as high as 125°C, 250°C, or even 300°C. High-quality materials are used to create burn-in boards. There is a specific type of FR4 that is tested up to 125C. A polyimide is employed for temperatures up to 250°C, and a high-grade polyimide is used for temperatures up to 300°C.

Key Findings

The dedicated burn-in boards segment accounted for a significant market share of 56.59% in 2021.
The type segment is divided into universal burn-in boards and dedicated burn-in boards. The dedicated burn-in boards segment accounted for a significant market share of 56.59% in 2021. The dedicated burn-in board is a tool used to burn-in specific semiconductor components. A particular package type is the focus of the final testing. Unique burn-in boards must be used to

employ the burn-in process into which the samples are put. The burn-in chamber, which offers the DUTs the essential biassing at a constant, regulated temperature, is used to house these boards. The electrical bias may be either static or dynamic.

The commercial segment accounted for a significant market share of 61.49% in 2021.
The application segment is divided into commercial, military and aerospace, and automotive. The commercial segment accounted for a significant market share of 61.49% in 2021. In commercial applications, the most common component used on a printed circuit board is a surface mount device, whether it is active or passive. Usually, to mount these components on the board, equipment is used to keep the component in place during assembly. Next, solder paste is melted in an oven to link the component to the printed wire firmly.

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Regional Segment Analysis of the Burn-in Boards Market

North America (U.S., Canada, Mexico)
Europe (Germany, France, U.K., Italy, Spain, Rest of Europe)
Asia-Pacific (China, Japan, India, Rest of APAC)
South America (Brazil and the Rest of South America)
The Middle East and Africa (UAE, South Africa, Rest of MEA)
The Asia Pacific region accounted for a significant market share of 55.23% in 2021, owing to the presence of many companies in the area.

Key players operating in the global burn-in boards market are:

Abrel Products
Sunright Limited
Incal Technology
STK Technology Co., Ltd
Micro Control
Trio-Tech International
EDA INDUSTRIES S.P.A.
ESA Electronics Pte Ltd

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About the report:
The global burn-in boards market is analyzed based on value (USD Million). All the segments have been analyzed worldwide, regional and country basis. The study includes the analysis of more than 30 countries for each part. The report analyzes driving factors, opportunities,

restraints, and challenges for gaining critical insight into the market. The study includes porter's five forces model, attractiveness analysis, raw material analysis, supply, and demand analysis, competitor position grid analysis, distribution, and marketing channels analysis.

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