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Global Land Grid Array (LGA) Socket Market Growth 2025-2031

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Abstracts

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The global Land Grid Array (LGA) Socket market size is predicted to grow from US$ 180 million in 2025 to US$ 270 million in 2031; it is expected to grow at a CAGR of 7.1% from 2025 to 2031.

An LGA socket is a type of central processing unit (CPU) socket that uses the land grid array style of integrated circuit packaging. Several processors, or CPUs, possess pins that go into the socket's pin holes to connect them with the motherboard. By contrast, the LGA socket has the pins, while the processor has the flat surface. The LGA socket is also known for having a comparatively high concentration of CPU contacts.

The global market for semiconductor was estimated at US$ 579 billion in the year 2022, is projected to US$ 790 billion by 2029, growing at a CAGR of 6% during the forecast period. Although some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.76%, Sensor with 16.31%, and Logic with 14.46% growth, Memory declined with 12.64% year over year. The microprocessor (MPU) and microcontroller (MCU) segments will experience stagnant growth due to weak shipments and investment in notebooks, computers, and standard desktops. In the current market scenario, the growing popularity of IoT-based electronics is stimulating the need for powerful processors and controllers. Hybrid MPUs and MCUs provide real-time embedded processing and control for the topmost IoT-based applications, resulting in significant market growth. The Analog IC segment is expected to grow gradually, while demand from the networking and communications industries is limited. Few of the emerging trends in the growing demand for Analog integrated circuits include signal conversion, automotive-specific Analog applications, and power management. They

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drive the growing demand for discrete power devices.

LP Information, Inc. (LPI) ' newest research report, the “Land Grid Array (LGA) Socket Industry Forecast” looks at past sales and reviews total world Land Grid Array (LGA) Socket sales in 2024, providing a comprehensive analysis by region and market sector of projected Land Grid Array (LGA) Socket sales for 2025 through 2031. With Land Grid Array (LGA) Socket sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Land Grid Array (LGA) Socket industry.

This Insight Report provides a comprehensive analysis of the global Land Grid Array (LGA) Socket landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Land Grid Array (LGA) Socket portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global Land Grid Array (LGA) Socket market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Land Grid Array (LGA) Socket and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Land Grid Array (LGA) Socket.

This report presents a comprehensive overview, market shares, and growth opportunities of Land Grid Array (LGA) Socket market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

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