

Global Solder Ball Market Insights, Forecast to 2026

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Abstracts

In integrated circuit packaging, a solder ball, also a solder bump (often referred to simply as 'ball' or 'bumps') is a ball of solder that provides the contact between the chip package and the printed circuit board, as well as between stacked packages in multichip modules. The Solder Ball can be placed manually or by automated equipment, and are held in place with a tacky flux.

Solder Ball are very small spheres of high-purity solder for micro soldering system. The most important advantages of Solder Ball are their very clean surfaces and exact solder quantity control. Most suitable for Ball Grid Array, Multi-Chip Module, Chip On board Flip Chip and CSP.

Asia Pacific held the leading share of the market in terms of revenue in 2016. We estimate that the global market share of Solder Ball is 27.66% in Taiwan, 20.54% in Korea, 17.28% in Japan, 15% in China and 10.56% in South East Asia. Because there are many larger IC packaging (including testing) companies in these region, such as ASE, Amkor, SPIL etc. Solder Ball are most suitable for Ball Grid Array, Multi-Chip Module, Chip On board Flip Chip and CSP.

Senju Metal, DS HiMetal and MKE captured the top three revenue share spots in the Solder Ball market in 2016. Senju Metal dominated with 40.00% revenue share, followed by DS HiMetal with 19.14% revenue share and MKE with 7.08% revenue share.

Since the COVID-19 virus outbreak in December 2019, the disease has spread to almost 100 countries around the globe with the World Health Organization declaring it a public health emergency. The global impacts of the coronavirus disease 2019 (COVID-19) are already starting to be felt, and will significantly affect the Solder Ball 3900 market in 2020.

COVID-19 can affect the global economy in three main ways: by directly affecting production and demand, by creating supply chain and market disruption, and by its financial impact on firms and financial markets.

The outbreak of COVID-19 has brought effects on many aspects, like flight

cancellations; travel bans and quarantines; restaurants closed; all indoor events restricted; over forty countries state of emergency declared; massive slowing of the supply chain; stock market volatility; falling business confidence, growing panic among the population, and uncertainty about future.

This report also analyses the impact of Coronavirus COVID-19 on the Solder Ball 3900 industry.

Based on our recent survey, we have several different scenarios about the Solder Ball 3900 YoY growth rate for 2020. The probable scenario is expected to grow by a xx% in 2020 and the revenue will be xx in 2020 from US\$ 244.2 million in 2019. The market size of Solder Ball 3900 will reach xx in 2026, with a CAGR of xx% from 2020 to 2026. With industry-standard accuracy in analysis and high data integrity, the report makes a brilliant attempt to unveil key opportunities available in the global Solder Ball market to help players in achieving a strong market position. Buyers of the report can access verified and reliable market forecasts, including those for the overall size of the global Solder Ball market in terms of both revenue and volume.

Players, stakeholders, and other participants in the global Solder Ball market will be able to gain the upper hand as they use the report as a powerful resource. For this version of the report, the segmental analysis focuses on sales (volume), revenue and forecast by each application segment in terms of sales and revenue and forecast by each type segment in terms of revenue for the period 2015-2026.

Sales and Pricing Analyses

Readers are provided with deeper sales analysis and pricing analysis for the global Solder Ball market. As part of sales analysis, the report offers accurate statistics and figures for sales and revenue by region, by each type segment for the period 2015-2026.

In the pricing analysis section of the report, readers are provided with validated statistics and figures for the price by players and price by region for the period 2015-2020 and price by each type segment for the period 2015-2020.

Regional and Country-level Analysis

The report offers an exhaustive geographical analysis of the global Solder Ball market, covering important regions, viz, China, Japan, Korea and Taiwan. It also covers key countries (regions), viz, U.S., Canada, Germany, France, U.K., Italy, Russia, China, Japan, South Korea, India, Australia, Taiwan, Indonesia, Thailand, Malaysia, Philippines, Vietnam, Mexico, Brazil, Turkey, Saudi Arabia, UAE, etc.

The report includes country-wise and region-wise market size for the period 2015-2026. It also includes market size and forecast by each application segment in terms of sales for the period 2015-2026.

Competition Analysis

In the competitive analysis section of the report, leading as well as prominent players of the global Solder Ball market are broadly studied on the basis of key factors. The report offers comprehensive analysis and accurate statistics on sales by the player for the period 2015-2020. It also offers detailed analysis supported by reliable statistics on price and revenue (global level) by player for the period 2015-2020.

On the whole, the report proves to be an effective tool that players can use to gain a competitive edge over their competitors and ensure lasting success in the global Solder Ball market. All of the findings, data, and information provided in the report are validated and revalidated with the help of trustworthy sources. The analysts who have authored the report took a unique and industry-best research and analysis approach for an in-depth study of the global Solder Ball market.

The following manufacturers are covered in this report:

Senju Metal

DS HiMetal

MKE

YCTC

Nippon Micrometal

Accurus

PMTC

Shanghai hiking solder material

Shenmao Technology

Solder Ball Breakdown Data by Type

Lead Solder Ball

Lead Free Solder Ball

Solder Ball Breakdown Data by Application

BGA

CSP & WLCSP

Flip-Chip & Others

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