

2018-2023 Global Solder Ball Consumption Market Report

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Abstracts

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In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Solder Ball market for 2018-2023.

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.

Over the next five years, LPI(LP Information) projects that Solder Ball will register a 6.6% CAGR in terms of revenue, reach US\$ 310 million by 2023, from US\$ 210 million

in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Solder Ball market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Lead Solder Ball

Lead Free Solder Ball

Segmentation by application:

BGA

CSP & WLCSP

Flip-Chip & Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

Senju Metal

DS HiMetal

MKE

YCTC

Nippon Micrometal

Accurus

PMTC

Shanghai hiking solder material

Shenmao Technology

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

Research objectives

To study and analyze the global Solder Ball consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Solder Ball market by identifying its various subsegments.

Focuses on the key global Solder Ball manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape,

SWOT analysis and development plans in next few years.

To analyze the Solder Ball with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Solder Ball submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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Figure Shenmao Technology Solder Ball Market Share (2016-2018)

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