

Global Thermal Copper Pillar Bump Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Thermal Copper Pillar Bump market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

The Thermal Copper Pillar Bump, also known as the thermal bump or TCPB, is a thermoelectric device made from thin-film thermoelectric material embedded in flip chip interconnects (in particular Copper Pillar Bumps) for use in electronics and optoelectronic packaging, including flip chip packaging of CPU and GPU integrated circuits (chips), laser diodes, and semi-conductor optical amplifiers (SOA). Unlike conventional solder bumps that provide an electrical path and a mechanical structure for connection to the package, thermal bumps act as solid-state heat pumps and add thermal management functionality on the surface of a chip or other electrical component...

This report studies the global Thermal Copper Pillar Bump production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Thermal Copper Pillar Bump, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Thermal Copper Pillar Bump that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Thermal Copper Pillar Bump total production and demand, 2018-2029, (K Units)

Global Thermal Copper Pillar Bump total production value, 2018-2029, (USD Million)

Global Thermal Copper Pillar Bump production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Thermal Copper Pillar Bump consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Thermal Copper Pillar Bump domestic production, consumption, key domestic manufacturers and share

Global Thermal Copper Pillar Bump production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Thermal Copper Pillar Bump production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Thermal Copper Pillar Bump production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Thermal Copper Pillar Bump market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Intel, Samsung, LB Semicon Inc, DuPont, FINECS, Amkor Technology, SHINKO ELECTRIC INDUSTRIES CO.,LTD., ASE and Raytek Semiconductor,Inc., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Thermal Copper Pillar Bump market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by

year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Thermal Copper Pillar Bump Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Thermal Copper Pillar Bump Market, Segmentation by Type

Standard Cu Pillar

Fine Pitch Cu Pillar

Micro-Bumps

Others

Global Thermal Copper Pillar Bump Market, Segmentation by Application

Consumer Electronics

Automobile

Industrial Equipment

Medical Insurance

Military and Defense

Aeronautics and Astronautics

Telecom

Companies Profiled:

Intel

Samsung

LB Semicon Inc

DuPont

FINECS

Amkor Technology

SHINKO ELECTRIC INDUSTRIES CO.,LTD.

ASE

Raytek Semiconductor,Inc.

Sigurd Microelectronics Corporation

Nepes

SJ Group Co Ltd

ChipMOS TECHNOLOGIES

Element Solutions

Jiangsu Changjiang Electronics Tech Co

Key Questions Answered

1. How big is the global Thermal Copper Pillar Bump market?
2. What is the demand of the global Thermal Copper Pillar Bump market?
3. What is the year over year growth of the global Thermal Copper Pillar Bump market?
4. What is the production and production value of the global Thermal Copper Pillar Bump market?
5. Who are the key producers in the global Thermal Copper Pillar Bump market?
6. What are the growth factors driving the market demand?

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