

Semiconductor Chips: Applications and Impact of Shortage

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Abstracts

Report Scope:

In this report, the semiconductor chip market has been segmented based on type, end user and geography. The report provides an overview of the global semiconductor chip market and analyzes market trends. Using 2021 as the base year, the report provides estimated market data for the forecast period, 2022-2027. Revenue forecasts for this period are segmented based on type, end user and geography. Market values have been estimated based on the total revenue of semiconductor chip providers.

The report covers the market for semiconductor chips with regards to user base across different regions. It also focuses on the major trends and challenges that affect the market and the vendor landscape. The report estimates the global market for marketing analytics in 2021 and provides projections of the expected market size through 2027.

Note: A large part of the report focuses on the global semiconductor chip shortage of 2021. The report analyzes the impact of this shortage across various end users and key countries.

The terms semiconductor chips, computer chip, microchip and integrated circuits are used interchangeably.

Report Includes:

25 data tables and 49 additional tables

A detailed overview and an up-to-date analysis of the global markets for

semiconductor chips and their commercial applications

Analyses of the global market trends, with market revenue (sales figures) for 2021, estimates for 2022 and 2023, and projections of compound annual growth rates (CAGRs) through 2027

Estimation of the actual market size and revenue forecast for global semiconductor chips market in USD billions, and corresponding market share analysis by type, end-user and region

Highlights of the upcoming market opportunities with respect to regions and applications of the semiconductor chip market, and major issues and trends affecting the shortage

Insight into the semiconductor chips market through an assessment of the current market size and forecast of market development in the coming five years, and an understanding of the reasons behind the present shortage of chips

Insight into the value chain analysis, demand-supply gap, and factors driving the shortage of semiconductor chips in 2021/2022, and analysis of the impact of this shortage across various end users and key countries

Identification of the major stakeholders and analysis of the competitive landscape based on recent developments, financial performance, and segmental revenues

Updated information on recent mergers, acquisitions, collaborations, agreements, partnerships, product launches, and expansions in the global semiconductor chips market

Descriptive company profiles of the leading global players, including SMIC, Advanced Micro Devices Inc., MediaTek Inc., Kioxia Holding Corp., Texas Instruments Inc., and Samsung Electronics Co Ltd.

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TAIWAN SEMICONDUCTOR MANUFACTURING CO.

TOWER SEMICONDUCTOR LTD.

UNITED MICROELECTRONICS CORP.

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ADVANCED MICRO DEVICES INC.

APPLE INC.

BROADCOM INC.

MEDIATEK INC.

NVIDIA CORP.

QUALCOMM TECHNOLOGIES INC.

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INFINEON TECHNOLOGIES AG

INTEL CORP.

KIOXIA HOLDINGS CORP.

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