

# The 2023 Report on Discrete Semiconductors: World Market Segmentation by City

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## Abstracts

This report was created for global strategic planners who cannot be content with traditional methods of segmenting world markets. With the advent of a 'borderless world', cities become a more important criteria in prioritizing markets, as opposed to regions, continents, or countries. This report covers the top 2,000 cities in over 200 countries. It does so by reporting the estimated market size (in terms of latent demand) for each major city of the world. It then ranks these cities and reports them in terms of their size as a percent of the country where they are located, their geographic region (e.g. Africa, Asia, Europe, Middle East, North America, Latin America), and the total world market.

In this report we define the sales of discrete semiconductors as including all commonly understood products falling within this broad category, such as diodes, transistors, optoelectronic components, and other semiconductors which perform a single function in electronic circuits, for example: switching, amplifying, or rectifying and transmitting, irrespective of product packaging, formulation, size, or form. Companies participating in this industry include ABB, Advanced Linear Devices, Alpha, AVX, Broadcom, Central Semiconductor, Components Industries, LLC, Cree, D3 semiconductor, Diodes, Eaton Corporation, Fuji Electric, Future Electronics, GaN Systems, Hitachi Power Semiconductor Device, Infineon Technologies, Intel Corporation, IXYS, Micron Technology, Mitsubishi Electric Corporation, Murata Manufacturing Company, Nexperia, NEXTY Electronics, NXP Semiconductors, Omega Semiconductor, ON Semiconductor Corporation, Qualcomm Technologies, Rectron Semiconductor, Renesas, Rockwell Automation, ROHM Company, Semiconductor SDigital Components, STMicroelectronics, Surge Components, Taiwan Semiconductor Company, Texas Instruments, Toshiba Corporation, and Vishay Intertechnology. In addition to the sources indicated, additional information available to the public via news and/or press

releases published by players in the industry was considered in defining and calibrating this category. All figures are in a common currency (U.S. dollars, millions) and are not adjusted for inflation (i.e., they are current values). Exchange rates used to convert to U.S. dollars are averages for the year in question. Future exchange rates are assumed to be constant in the future at the current level (the average of the year of this publication's release in 2022).

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