

Consumer Electronics MLCC - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)

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Abstracts

The Consumer Electronics MLCC Market size is estimated at 11.85 billion USD in 2024, and is expected to reach 28.38 billion USD by 2029, growing at a CAGR of 19.08% during the forecast period (2024-2029).

Case sizes are shaping the consumer electronics MLCC market

In the global consumer electronics MLCC market, various case sizes, including 0 201, 0 402, 0 603, 1 005, and 1 210, play pivotal roles in ensuring optimal performance across devices. The 0 201 case size segment had revenue of USD 2.63 billion in 2022, which aligned perfectly with the trend of miniaturization in premium smartphones. The segment's growth prospects are promising, with a targeted revenue of USD 7.57 billion by 2028, registering a CAGR of 19.07% during 2023-2028. MLCC with case size 0 201 are compact components vital for capacitor manufacturing, especially in devices incorporating 4G and 5G technologies.

Premium smartphones, known for their advanced features, including high-resolution displays, advanced cameras, and 5G connectivity, rely on 0 201 MLCCs for power management, noise suppression, and signal quality. Despite fluctuations in premium smartphone production in recent years, adaptable supply chains are essential, particularly for crucial components like 0 201 MLCCs. The 0 402 segment in the consumer electronics MLCC market experienced significant growth, reflecting changing dynamics in the PC, laptop, and Android smartphone markets. [3]

The 0 603 category plays a crucial role in voltage regulation, filtering, and signal conditioning functions within PCs, laptops, and smartphones. Its moderate capacitance and size make it suitable for various electronic applications. This segment also aligns with Apple's iOS devices, known for their extended lifespans and premium quality. The others segment, encompassing case sizes such as 0 805, 1 812, 2 220, 1 206, and 2 225, and versatile capacitors are essential in maintaining system stability and enhancing device performance across PCs, laptops, and smartphones.

Asia-Pacific is the fastest-growing market with a CAGR of 16.09%

The global consumer electronics MLCC market is segmented into four key regions: Asia-Pacific, North America, Europe, and the Rest of the World. Each region plays a significant role in shaping the industry's dynamics and growth prospects. Asia-Pacific is the largest and fastest-growing consumer electronics market, witnessing substantial growth in recent years. Factors such as rising disposable incomes, rapid urbanization, and technological advancements have fueled the demand for consumer electronics products. Countries like China, India, Japan, and South Korea are major contributors to the region's market expansion. The region's CAGR from 2022 to 2029 was recorded at an impressive 18.50%, showcasing the potential for sustained expansion.

North America is a mature and well-established consumer electronics market characterized by high adoption rates and strong consumer demand. The region witnessed a steady increase in market value, starting at USD 362.09 million in 2017 and reaching USD 2.47 billion in 2029.

Europe is another prominent player in the global consumer electronics landscape, featuring a robust presence of leading manufacturers and brands. The region's consumers show a preference for high-quality, reliable electronic devices. Moreover, there is a growing interest in energy-efficient and sustainable products, as environmental concerns influence purchasing decisions.

The Rest of the World encompasses various emerging markets with significant untapped potential for consumer electronics. Countries in Latin America, the Middle East, and Africa are gradually becoming key players in the global market. As economies in these regions develop and consumer incomes rise, the demand for electronic devices is witnessing a notable increase.

Global Consumer Electronics MLCC Market Trends

The increasing disposable incomes of individuals are expected to encourage the uptake of the market

MLCCs are suited for use in air conditioner applications because of their high capacitance values and high operating temperature capabilities. They can also lead to improving the AC system's efficiency and dependability. The AC industry is expected to grow significantly in the coming years due to the increasing global temperature and humidity levels and the growing acceptance of AC as a utility rather than a luxury product. Technologically advanced air conditioners such as AC with inverters and AC purification technologies are also expected to impact the air conditioner market positively.

The air conditioner (AC) shipments increased by 3.46% from 101.20 million units in 2021 to 104.70 million units in 2022. The increasing demand for air conditioners in the residential and commercial sectors can be attributed to the impact of climate change and rising global temperatures. Improved living standards and higher disposable incomes have made air conditioners more affordable for individuals and families.

Urbanization and population growth in various regions have also fueled the demand for air conditioners, driven by the need for improved comfort and indoor air quality. Technological advancements have resulted in the availability of energy-efficient and eco-friendly air conditioning options, catering to the preferences of environmentally conscious consumers. Urbanization has led to the construction of more high-rise buildings. As these buildings require air conditioning to provide acceptable living and working environments, this has increased demand for air conditioners. Additionally, government initiatives to encourage the usage of energy-efficient AC systems are contributing to the market's growth.

Consumer Electronics MLCC Industry Overview

The Consumer Electronics MLCC Market is fairly consolidated, with the top five companies occupying 65.31%. The major players in this market are Kyocera AVX Components Corporation (Kyocera Corporation), Murata Manufacturing Co., Ltd, Samsung Electro-Mechanics, Taiyo Yuden Co., Ltd and Yageo Corporation (sorted alphabetically).

Additional Benefits:

The market estimate (ME) sheet in Excel format

3 months of analyst support

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