

Global Next Generation Memory Market 2016 Share, Trend, Segmentation and Forecast to 2020

Next Generation Memory Market to Reach \$3.57 billion with 42.86% CAGR to 2022

PUNE, INDIA, July 12, 2016 /EINPresswire.com/ -- [Next Generation Memory](#) Technologies have gained significant momentum in recent years due to rising demand for cost effective, faster memory solutions. The older memory technologies have limitations because of their outdated architecture and higher power consumption. There is an increasing need for universal memory solutions that can serve to varied applications with same effectiveness. Memory systems available at present are more advanced than the traditional memory systems like SRAM, Flash Memory and others, since they provide high data transmission speed, high storage capacity and lower cost.

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Global Next Generation Memory Market is expected to grow \$3.57 billion by 2020; growing at a CAGR of 42.86% over the period 2014- 2020. Market is driven by the factors such as faster switching time, high endurance and power efficiency of the next generation memory technologies.

Global next generation memory market is segmented on various parameters like on the basis of technology, application, end users and geography. On the basis of technology the market is categorised into Volatile and Non Volatile memories. Volatile memories can further be sub-categorised into Dynamic Random Access Memory and Static Random Access Memory and Non-Volatile Memories can further be divided into Memristor or Resistive Random Access Memory (ReRAM), Phase-Change Random-Access Memory (PC-RAM), Magneto resistive Random-Access



Memory (M-RAM), Ferroelectric Ram (F-RAM) On the basis of application the market is segmented into cache memory, Embedded MCUs, Smart Cards, Mobile Phones and others. The next generation memory market is further segmented by various end user industries like automotive, defence, consumer electronics, industrial automation and many others. On the basis of region the market is segmented into three major regions namely North America, Europe, Asia Pacific and Rest of the World.

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There are a number of next generation memory technologies on the horizon that hold great promise to meet the evolving needs of consumer devices and enterprise storage systems and applications. Technologies like DDR4, Hybrid Memory Cubes, UFS among others are ready to revolutionise the next generation memory market.

The key players of the market are Toshiba Corporation, Intel Corporation, Toshiba, Samsung, IBM and many others.

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