

Asia-Pacific 3D NAND Flash Memory Market (2016 - 2022)

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Abstracts

3D NAND has emerged as an ultimate solution for the above mentioned concerns and it looks like a viable option, due to higher storage density through multiple layer memory cell stacking, enhancing the storage and also providing enough space for the cells, eventually reducing the issue of inter-cell interference. The application of 3D NAND flash memory chips has gained prominence due to their capability to exploit the intrinsic limits of the fabrication substrate. The demand for new technology and products has been growing, as the existing solutions do not have the capability of handling enormous data effectively. Therefore, the innovation of 3D NAND flash memory has been a differentiated product in the market that has larger storage space, with superior speed and also comparatively cheaper than other available options. The growing storage demand across applications such as consumer electronics and enterprise storage sectors have significantly driven the 3D NAND flash memory market. However, the precision required as a prerequisite while production would hinder the mass manufacturing of 3D NAND flash memory devices.

Based on the product type, the 3D NAND Flash Memory market is segmented into Cameras, Smartphone & Tablets, Laptop & PC's and others. The Applications highlighted in this report include Consumer Electronics, Enterprise, Automotive, Healthcare & Life Sciences and Others.

Based on Country, Asia-Pacific 3D NAND Flash Memory market is segmented into China, Japan, India, Taiwan, South Korea, Singapore and Rest of Asia-Pacific. China remained the dominant Country in the Asia-Pacific 3D NAND Flash Memory market in 2015. India and Taiwan would witness promising CAGR during the forecast period (2016-2022).

The report covers the analysis of key stake holders of the 3D NAND Flash Memory market. Key companies profiled in the report include Samsung Electronics Co. Ltd., Intel Corporation, Toshiba Corporation, Sony Corporation, Lenovo Group Ltd., Micron Technology, Inc., SanDisk Corp. and SK Hynix Inc.

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