

Racetrack Memory Trends: Market Research Report

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Abstracts

The report anticipates that the development of the promising technology by IBM holds the potential to emerge as a "universal" memory. Racetrack Memory, a non-volatile memory and on successful development, is capable of providing higher storage density and better read/write performance, compared to existing solid-state devices such as flash memory and disk drives. In addition, the report highlights that Racetrack Memory is expected to bring about a revolution in the digital world by combining benefits of both Hard Disk Drives (HDD) and Solid State Random Access Memory (SSRAM) with better reliability and performance. Mobile computing, in the form of smart phones and tablets, require faster and efficient memory devices to handle the large transaction volume arising out of growing handset traffic. In addition the report expounds that Racetrack memory device, which is small in size and which consumes less power, would help in designing smart phones with compact size and longer battery life.

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International Business Machines Corporation (IBM) (USA)

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