

TeraByte-SSD를 위한 주소 사상 이슈

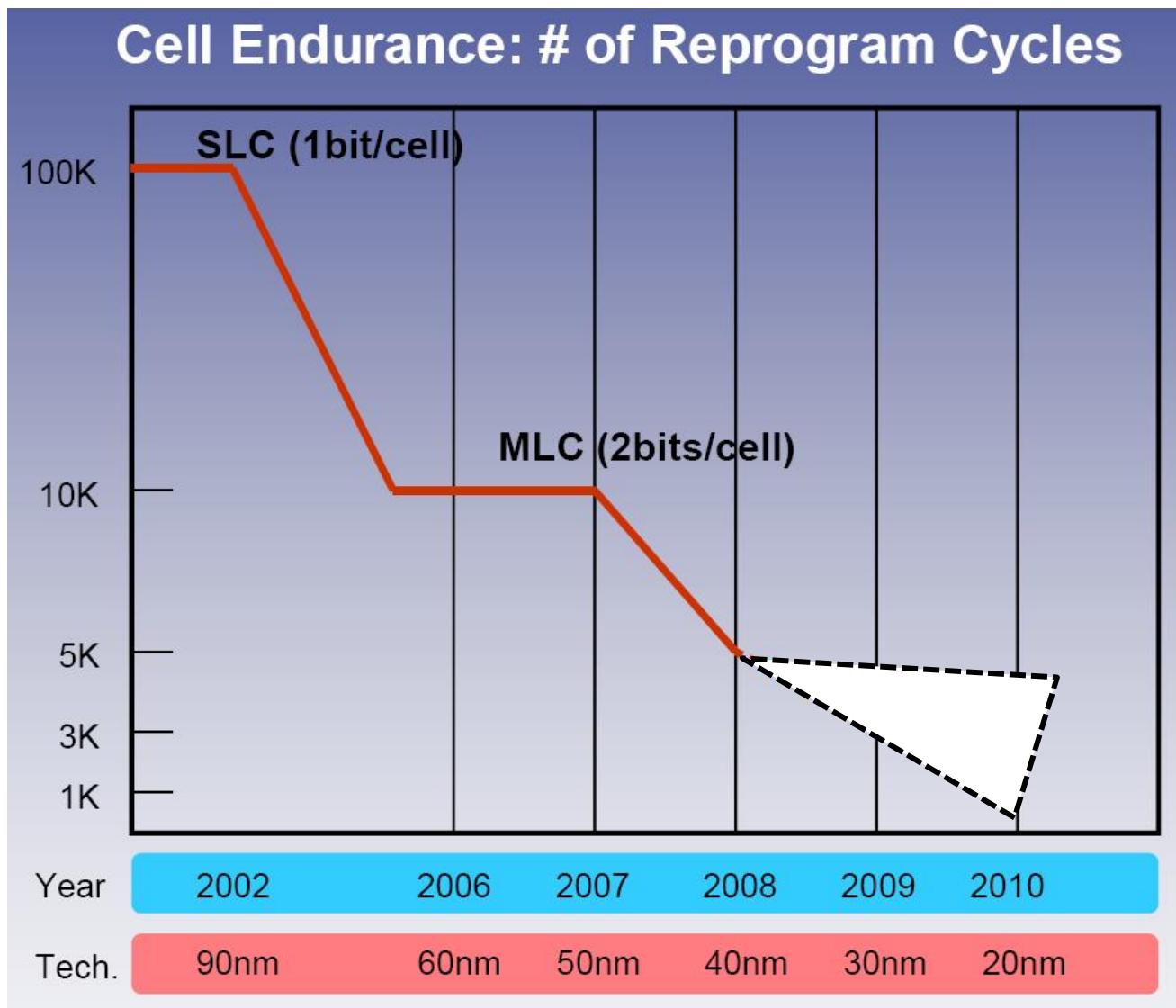
2010년 4월 19일

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NVRAMOS 2010



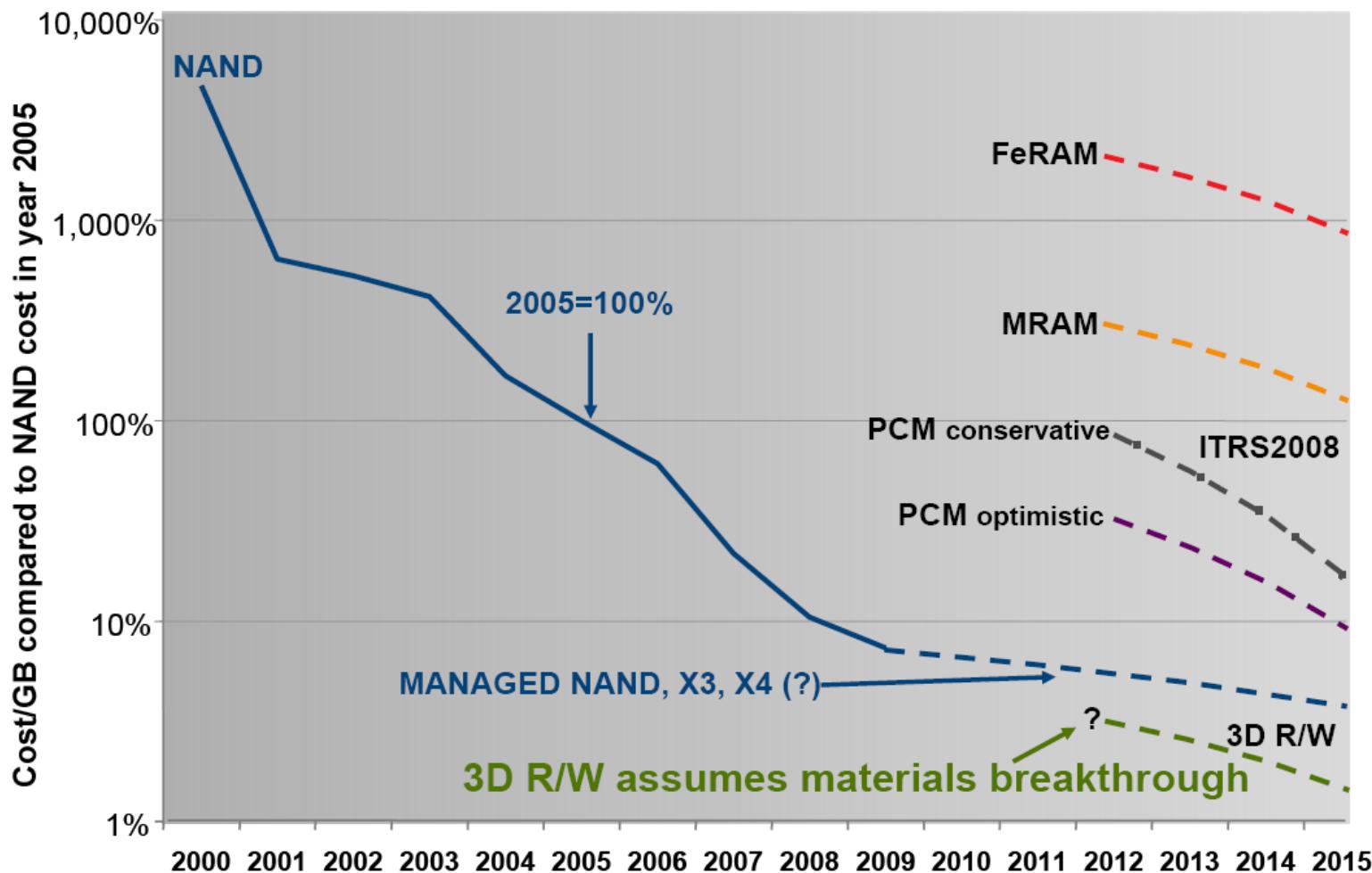
NAND Technology Trend



Source: Flash Summit 2009, MOSAID Inc.

Flash Price Forecast (2006-2013)

- TeraByte SSD at an affordable price will be available after a few years layer.



Source: Flash Summit 2009, SandDisk

Issues

- **The Larger The Capacity, The Larger The Mapping Table**
 - TeraByte-Scale SSD may require GigaByte-Scale DRAM.
- **If The Mapping Table is in a Nonvolatile Memory.**
- **Considerations**
 - Which Type of Nonvolatile Memory
 - Sudden Power Off Recovery
 - Scalability
 - Performance/Cost