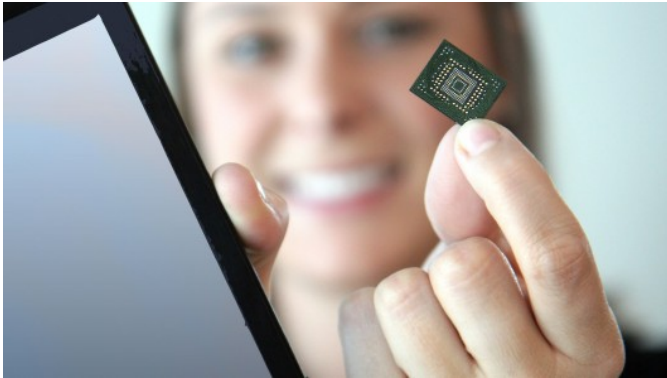


## Flash Memory Gets Ever Smaller

Written by Marco Attard  
28 April 2011

---



SanDisk and Toshiba's developments in NAND flash memory get even smaller-- producing a 64Gb X2-based monolithic chip with 19nm technology.

The 19nm 64Gb X2 device will see sampling this quarter, before high-volume production following Q2 2011. At that time Sandisk will also start producing X3 products with the 19nm technology.

The process is the company's most advanced yet, and should allow for smaller high capacity removable and embedded storage devices for use in all sorts of mobile devices, from tablets to mobile phones.

SandDisk says the technology is not only the world's smallest, but also the lowest-cost, thanks to its ABL architecture coupled with proprietary programming algorithms and multi-level data storage management schemes.

Go [SandDisk Announces 19nm Manufacturing Technology](#)