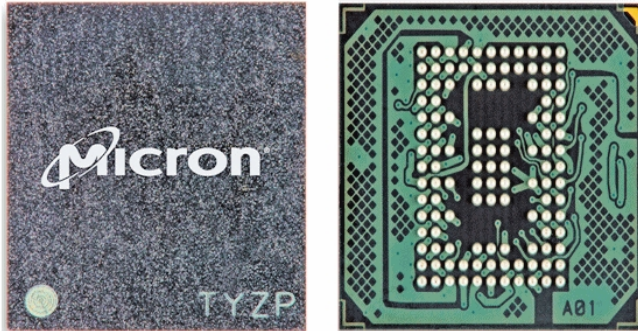


First Production of Phase Change Memory

Written by Marco Attard
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Micron is the first company to start volume production of Phase Change Memory (PCM) solutions-- with 45nm PCM technology ideal for mobile device applications.



The Micron PCM offering features 1Gb PCM plus 512Mb LPDDR2 in multichip packages. Currently available for feature phones, the company also plans to develop further on the technology with smartphone and tablet applications.

PCM technology offers higher data speeds than conventional NAND flash while retaining data when power is switched off, with low power consumption. It also improves on boot times and simplifies software development with higher performance and overwrite capabilities.

In addition the shared interface between LPDDR2 and PCM is compliant with JEDEC industry standards.

Go [Micron Announces PCM for Mobile Devices](#)