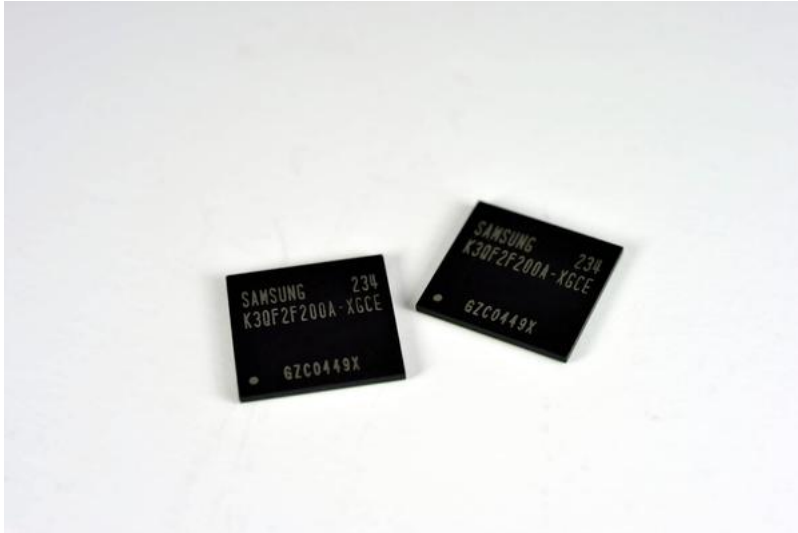


Two-gigabyte, LPDDR3 memory module transfers data at 1600 Mbps per pin



Samsung Electronics Co., Ltd., is mass producing the a two gigabyte (GB), low power double-data-rate 3 (LPDDR3) memory, using 30 nanometer (nm) class technology, for next-generation mobile devices. The new LPDDR3, in which a 2GB LPDDR3 density is available in one package, uses four LPDDR3 chips stacked together. LPDDR3 is needed for fast processors, high resolution displays and 3D graphics in tablets and smartphones. The new 2GB LPDDR3 DRAM can transfer data at up to 1600 megabits per second (Mbps) per pin, and it provides a data transmission rate up to 12.8 gigabytes per second (GB/s). The high data transfer rates is asserted to allow the module to exceed support for full HD video payback on screens exceeding the current market available four-inch measurement and enable real-time viewing without downloading the content for the full HD visual experience.

Samsung Electronics Co., Ltd.

972-385-1114, www.samsungsemi.com [1]

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http://www.ecnmag.com/product-releases/2012/09/two-gigabyte-lpddr3-memory-module-transfers-data-1600-mbps-pin?qt-video_of_the_day=0

Links:

[1] <http://www.samsungsemi.com>