



BEYOND LIMITS

AVAILABLE
NOW

NEW

16Gb DDR3

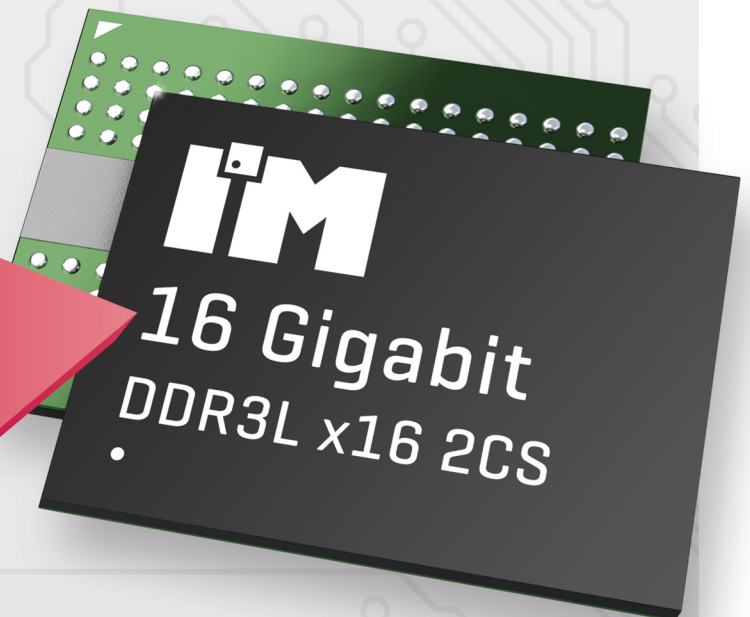
**COMPONENT from
i'M Intelligent Memory**

16Gb DDR3

8Gb DDR3

4Gb DDR3

2Gb DDR3



i'M Intelligent Memory
introduces the new
16 Gigabit DDR3L component.

NEW 16Gb DDR3 COMPONENT from I'M Intelligent Memory

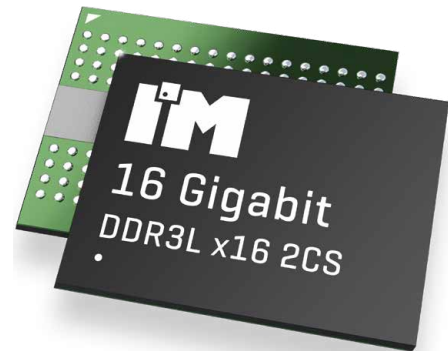
Following our motto "beyond limits" we always strive to make products with either higher capacity, better reliability, more longevity, faster speed or any other "beyond standard" improvements.

With regard to DDR3 technology, most others offer on top of the line only 4 Gigabit parts. Very few reach up to 8 Gigabit while I'M goes up to 16 Gigabit. The latest achievement is our new high capacity DDR3 1024Mx16Bit device. (Org.: 64M words x 16 bits x8 banks x 2Ranks)

With dimensions of only 9x13mm for the FBGA96 package, the device is small enough to fit on a majority of existing layouts.

The new I'M 16Gb device supports DDR3L low-voltage (1.35V) operation and is fully backward-compatible to standard DDR3 1.5V operation.

Ordering options include speed grades from 1333MT/s to 1866MT/s as well as commercial (0°C ~ +95°C) and industrial (-40°C ~ +95°C) temperature ranges.

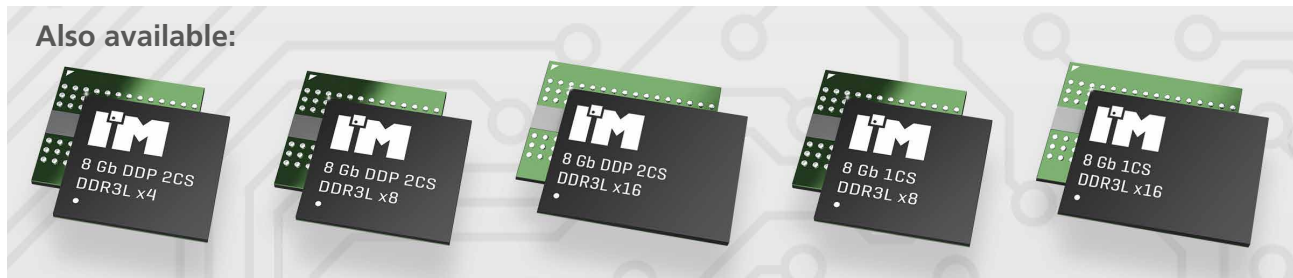


16 Gigabit Product Overview

Voltage options	Speed options	Part no.
DDR3 (1.5V)	DDR3-1333	IMAG16D3EDDG-15E(I)
	DDR3-1600	IMAG16D3EDDG-125(I)
	DDR3-1866	IMAG16D3EDDG-107(I)
DDR3L (1.35V/1.5V)	DDR3L-1333	IMAG16D3FDDG-15E(I)
	DDR3L-1600	IMAG16D3FDDG-125(I)
	DDR3L-1866	IMAG16D3FDDG-107(I)

(I) = industrial temp. option

Also available:



For more information and to request samples please visit
www.intelligentmemory.com
or contact our sales team directly

I'M Intelligent Memory Limited
Phone: +852 2422 0422
Email: info@intelligentmemory.com

