



PSRAM

## product guide

製品ガイド | 選型手冊 | 产品选型手册

**CellularRAM™ Product Guide****1Q07**CellularRAM data sheets are available at [www.micron.com/products/psram/partlist](http://www.micron.com/products/psram/partlist)

CellularRAM Memory							
Density	Memory Configuration	Part Number	Description <sup>1</sup>	I/O Voltage	Package <sup>2</sup> VFBGA Balls	Samples	Production
8Mb	512K x 16	MT45W512K16P	Async/Page Mode, 1.8V	1.70V-3.30V	48	Now	Now
16Mb	1 Meg x 16	MT45W1MW16BD	Async/Page/Burst Mode, 1.8V	1.70V-3.30V	54	Now	Now
	1 Meg x 16	MT45W1MW16PD	Async/Page Mode, 1.8V	1.70V-3.30V	48	Now	Now
32Mb	2 Meg x 16	MT45W2MW16BA	Async/Page/Burst Mode, 1.8V	1.70V-3.30V	54	Now	Now
	2 Meg x 16	MT45W2MW16PA	Async/Page Mode, 1.8V	1.70V-3.30V	48	Now	Now
	2 Meg x 16	MT45W2MW16B	Async/Page/Burst Mode, 1.8V	1.70V-3.30V	54	1Q07	3Q07
	2 Meg x 16	MT45W2MW16P	Async/Page Mode, 1.8V	1.70V-3.30V	48	1Q07	3Q07
64Mb	4 Meg x 16	MT45W4MW16BC	Async/Page/Burst Mode 1.8V	1.70V-3.30V	54	Now	Now
	4 Meg x 16	MT45W4MW16PC	Async/Page Mode, 1.8V	1.70V-3.30V	48	Now	Now
	4 Meg x 16	MT45W4MW16BK	Async/Page/Burst Mode 1.8V	1.70V-3.30V	54	Q406	3Q07
	4 Meg x 16	MT45W4MW16PK	Async/Page Mode, 1.8V	1.70V-3.30V	48	Q406	3Q07
128Mb	8 Meg x 16	MT45W8MW16B	Async/Page/Burst Mode 1.8V	1.70V-3.30V	54	Now	Now
<b>Notes:</b> <sup>1</sup> Access time: initial burst = 30ns, MAX burst frequency = 133 MHz (contact factory for availability); async = 70ns; page = 20ns. <sup>2</sup> Also available in bare die; see <a href="http://www.micron.com/baredie">www.micron.com/baredie</a> for more information.							

Rev. 12/07/06

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# PSRAM Part Numbering System

Micron's part numbering system is available at [www.micron.com/support/designsupport/documents/png](http://www.micron.com/support/designsupport/documents/png)

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