

# DRAM Technology Transition

	2005	2006	2007	2008	2009	2010	2011	2012	2013
½ Pitch (ITRS)	80nm	70nm	68nm	59nm	52nm	45nm	40nm	36nm	32nm
Density (ITRS)	1Gb	2Gb			4Gb			8Gb	
Cell Size	8F2			6F2			4F2		
Volume Technology	90nm	80nm	70nm	6xnm	5xnm	4xnm	40nm	3xnm	
Volume Density	256Mb	512Mb	1Gb			2Gb		4Gb	
Type		DDR2				DDR3			