

Competitive RAM vs. FCRAM (Feature)



[Feature Comparison between Competitive RAM and FCRAM]

Memory Type	DDR2	DDR1	LPDDR	256Mbit FCRAM
Bus I/O	x16	x32	x32	x64
VDD/VDDQ	1.8V	2.5V	1.8V	1.8V
Operating Frequency	400MHz (800Mbps)	200MHz (400Mbps)	166MHz (333Mbps)	216MHz (432Mbps)
Data Transfer Rate	1.6GByte/s	1.6GByte/s	1.3GByte/s	3.46GByte/s
DLL on RAM	Yes		No	No
Interface	SSTL		CMOS	CMOS
Resistors	ODT	Damping Resistors	No	No