

256 Mbit Mobile FCRAM™ 1.8 V, DDR Burst Mode MB82DDS08314A-75L

■ FEATURES

- Pseudo SRAM with Double Data Rate (DDR) Burst Interface
- Compliant with Common Specifications for Mobile RAM (COSMORAM) Revision 4
- DDR Burst Mode Function
- Multiplexed Address and Data Bus
- Short Initial Latency
- High-speed Data Transfer Rate
- Various Power Down Mode
 - Sleep
 - 32 Mbit Partial
 - 64 Mbit Partial
 - 128 Mbit Partial
- Shipping Form : Wafer and Chip

■ MAIN SPECIFICATIONS

Part Number	MB82DDS08314A-75L	
Organization	8 M WORD × 32 BIT	
I/O Bus Configuration	× 32 Multiplexed Address and Data Bus	
Interface	Double Data Rate (DDR)	
Supply Voltage	1.75 V to 1.95 V	
Burst Frequency (Max.)	135 MHz	
Data Transfer Rate	1G byte / s	
Data Access Time from CLK & $\overline{\text{CLK}}$ (Max.)	6 ns	
Active Current (Max.)	40 mA	
Standby Current (Max.)	250 μ A	
Power Down Current (Max.)	Sleep	10 μ A

Note: FCRAM is a trademark of Fujitsu Limited, Japan.