

256 Mbit Mobile FCRAM™

1.8 V, SDR Burst Mode

MB82DBS08314A-80L

■ FEATURES

- Pseudo SRAM with Single Data Rate (SDR) Burst Interface
- Compliant with Common Specifications for Mobile RAM (COSMORAM) Revision 3
- Burst Mode Function
- Multiplexed Address and Data Bus
- Asynchronous Mode Capability
- High-speed Data Transfer Rate
- Byte Control by $\overline{B3}$ to $\overline{B0}$
- Various Power Down Mode
 - Sleep
 - 32 Mbit Partial
 - 64 Mbit Partial
 - 128 Mbit Partial
- Shipping Form : Wafer and Chip

■ MAIN SPECIFICATIONS

Part Number		MB82DBS08314A-80L
Organization		8 M WORD × 32 BIT
I/O Bus Configuration		× 32 Multiplexed Address and Data Bus
Interface		Single Data Rate (SDR)
Supply Voltage		1.7 V to 1.95 V
Burst Frequency (Max.)		100 MHz
Data Transfer Rate		400M byte / s
CLK Access Time (Max.)	RL=8, 7	7 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.