

32 Mbit Mobile FCRAM™

1.8V, Burst Mode

MB82DBS02163C-70/-70L

(New released)

■ FEATURES

- Asynchronous SRAM interface
- Complies with Common Specifications for Mobile RAM (COSMORAM)
- Burst Mode Function (Consecutive Read/Write Operation through Synchronization of System Clocks)
- 8 Words Page Address Access Capability
- Byte Control with \overline{LB} , \overline{UB} pin
- Low Power Consumption
- Various Power Down Mode
 - Sleep
 - 4 Mbit Partial
 - 8 Mbit Partial
- 71 pin-Plastic FBGA Package
- In the form of Burst Mode MCP together with Burst Mode Flash Memory will be available.
- Wafer Business is acceptable

■ PRODUCT OPTIONS

Part Number		MB82DBS02163C	
Speed Version		70	70L
Organization	2 M WORD × 16 BIT		
Ambient Temperature	-30 °C to +85 °C		
Supply Voltage	1.65 V to 1.95 V		
Burst Frequency (Read Latency = 5)	66 MHz		
Read/Write Cycle Time (min.)	70 ns		
Clock Access Time (max.)	12 ns		
Random Access Time (max.)	70 ns		
Page Address Access Time (max.)	20 ns		
Active Current (Max)	30 mA		
Standby Current (Max)		200 μA	80 μA
Power Down Current (Max)	Sleep	30 μA	10 μA
	4 Mbit Partial	80 μA	40 μA
	8 Mbit Partial	100 μA	50 μA