

# 128 Mbit Mobile FCRAM™

## 1.8 V, Burst Mode

### MB82DBS08164D-70L

#### ■ FEATURES

- Pseudo SRAM with Single Data Rate (SDR) Burst Interface
- COSMORAM (Common Specifications for Mobile RAM ) Revision 3
- Asynchronous Mode Capability
- Byte Control by  $\overline{LB}$ ,  $\overline{UB}$
- Low Power Consumption
- Various Power Down Mode
  - Sleep
  - Partial Power Down
- Chip / Wafer Business

#### ■ MAIN SPECIFICATIONS

Part Number	MB82DBS08164D-70L	
Organization	8 M Word × 16 bit	
Supply Voltage	1.7 V to 1.95 V	
Burst Frequency (Max.)	77 MHz	
CLK Access Time (Max.)	6 ns	
$\overline{CE1}$ Access Time (Max.)	70 ns	
Active Current (Max.)	35 mA	
Standby Current (Max.)	$T_A \leq +40^\circ \text{C}$	200 $\mu\text{A}$
Power Down Current (Max.)	Sleep	10 $\mu\text{A}$

Note: FCRAM is a trademark of FUJITSU MICROELECTRONICS LIMITED, Japan.