BR24L32-W/F-W/FJ-W^{*}/FV-W BR24L64-W/F-W

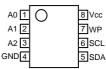
Features

- 32k bit serial EEPROM organized as $4k \times 8bit$ (BR24L32) 64k bit serial EEPROM organized as $8k \times 8bit$ (BR24L64)
- 2 wire bus serial interface (2 byte Address)
- Low operating voltage range (2V operating) Read : 1.8~5.5V
 - Write : 1.8~5.5V
- Low current consumption Active : 3mA MAX Standby : 2µA MAX
- Clock frequency : 100kHz MAX (1.8~5.5V) 400kHz MAX (2.5~5.5V)
- Write cycle time : 5ms MAX
- Address auto-increment function during read operation
- Automatic erase-before-write function during write operation
- Page write function : 32byte
- Inadvertent write protection function Inadvertent write protection at low voltage (Vcc Lock-out function) WP (Write Protect) function
- Schmitt trigger circuit and noise filter are built into SCL and SDA pins
- 1,000,000 write cycle typical
- 40 years data retention

Block Diagram

Operating temperature range : -40~85°C

Pin Configurations



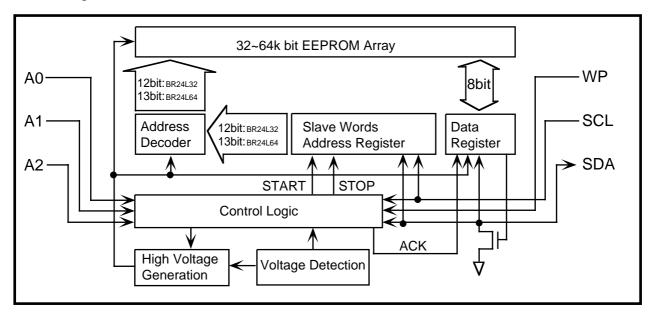
DIP8/SOP8/SOP-J8/SSOP-B8

DIP8/SOP8 (Only BR24L64)

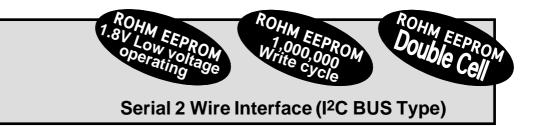
Pin Functions

Pin Names	Functions
A0, A1, A2	Slave Address Inputs
GND	Ground
SDA	Serial Data Input/Output
SCL	Serial Data Clock
WP	Write Protect
Vcc	Power Supply

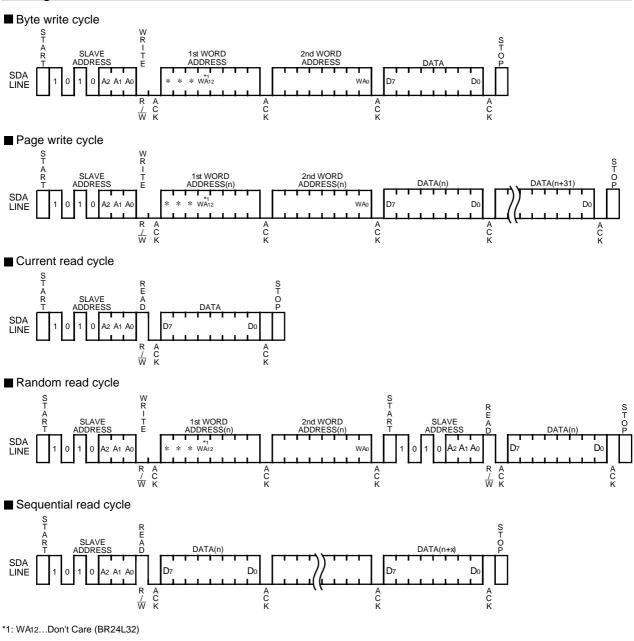
* Under development



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Timing chart



Note : BR24C32/F has no letter "-W", but it is a double-cell type. BR24C64/F is a single-cell type. Please be careful not to confuse w-cell type and single-cell type. ("-W" means double-cell type.)

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