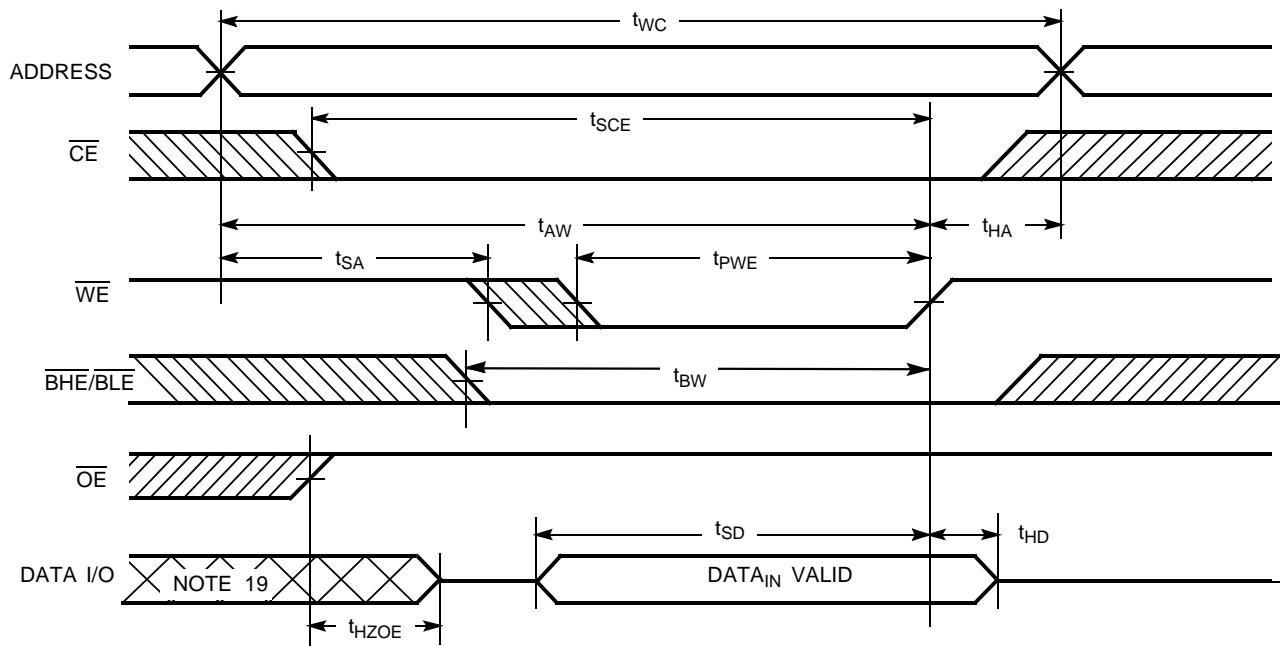
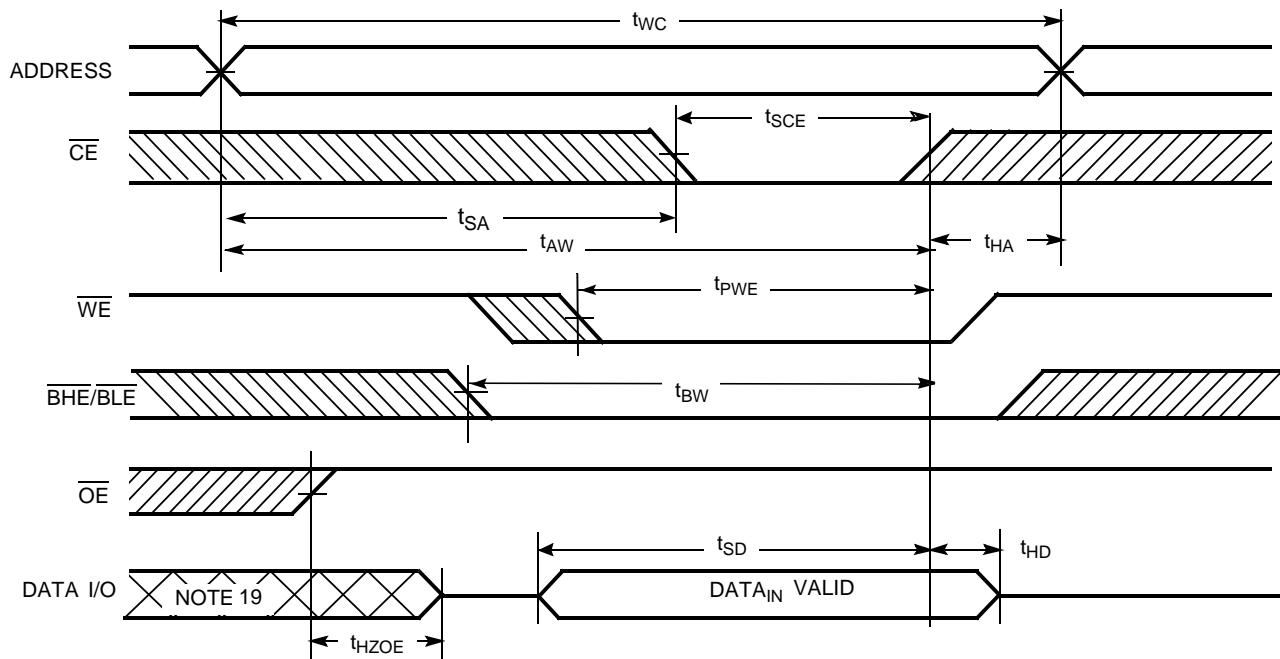


Switching Waveforms (continued)

Write Cycle No. 1 (WE Controlled) [13, 17, 18]



Write Cycle No. 2 (CE Controlled) [13, 17, 18]



Notes:

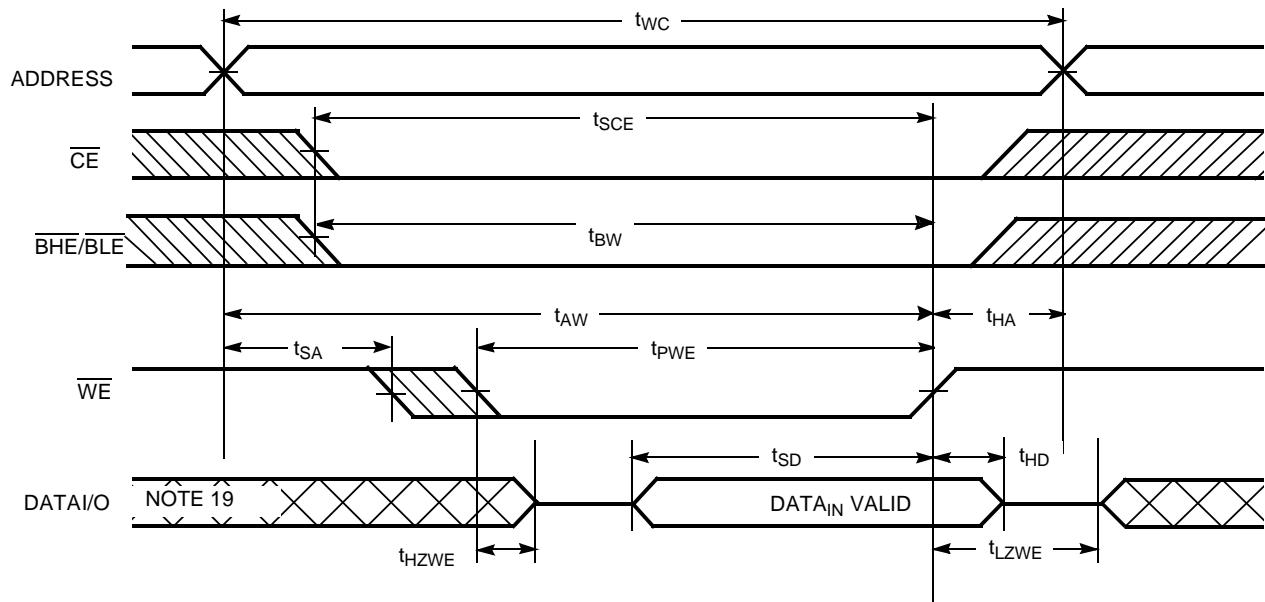
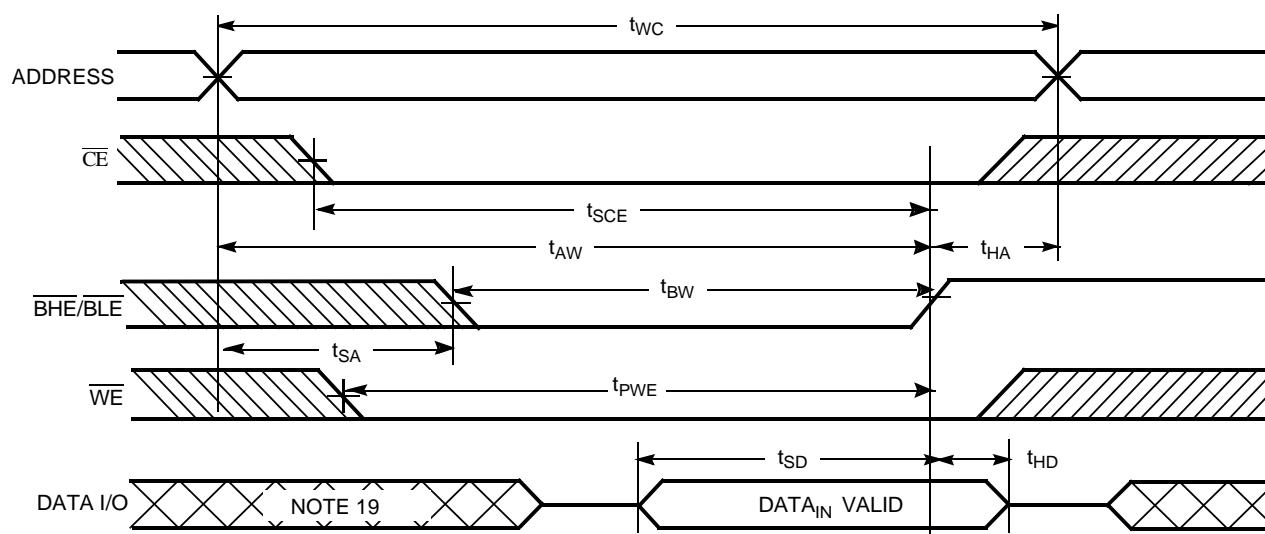
17. Data I/O is high-impedance if $\overline{OE} = V_{IH}$.
18. If CE goes HIGH simultaneously with WE HIGH, the output remains in a high-impedance state.
19. During this period, the I/Os are in output state and input signals should not be applied.



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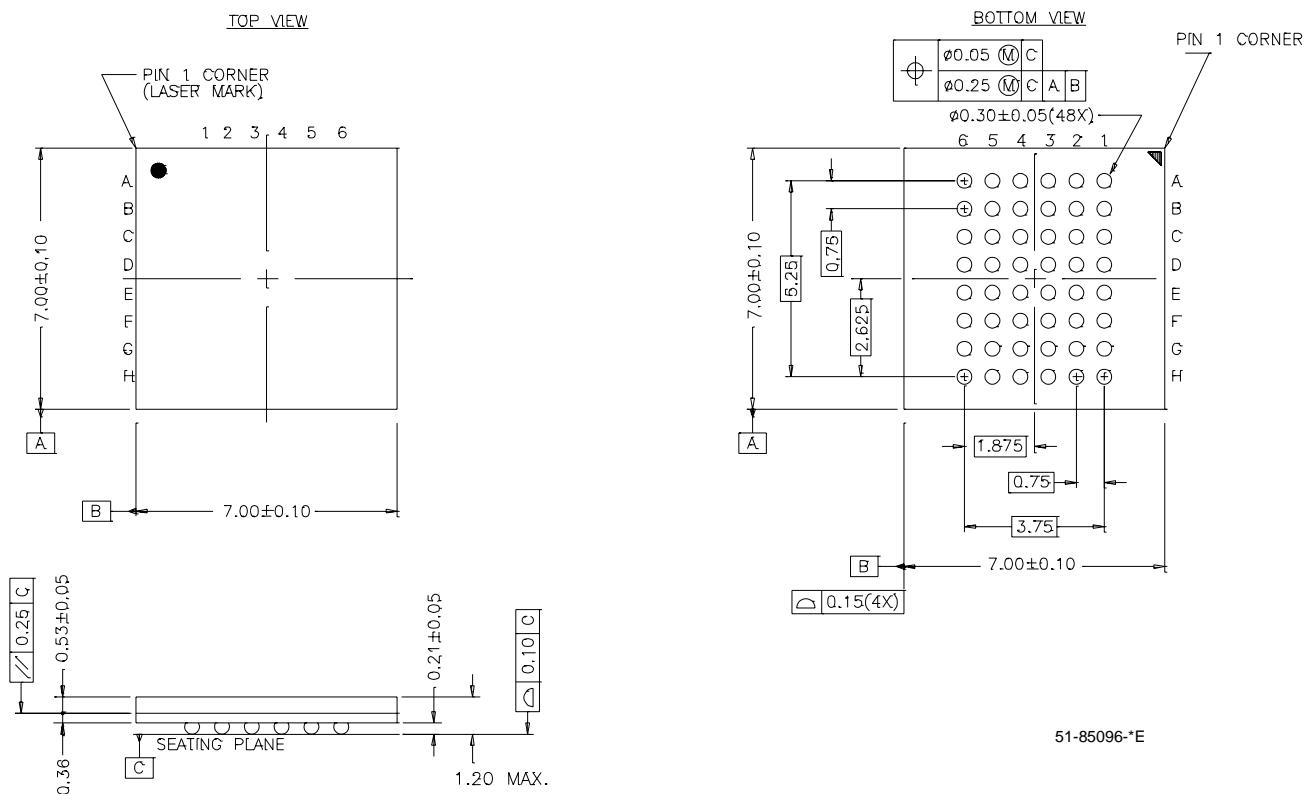
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Switching Waveforms (continued)

Write Cycle No. 3 ($\overline{\text{WE}}$ Controlled, $\overline{\text{OE}}$ LOW)^[18]Write Cycle No. 4 (BHE/BLE Controlled, $\overline{\text{OE}}$ LOW)^[18]

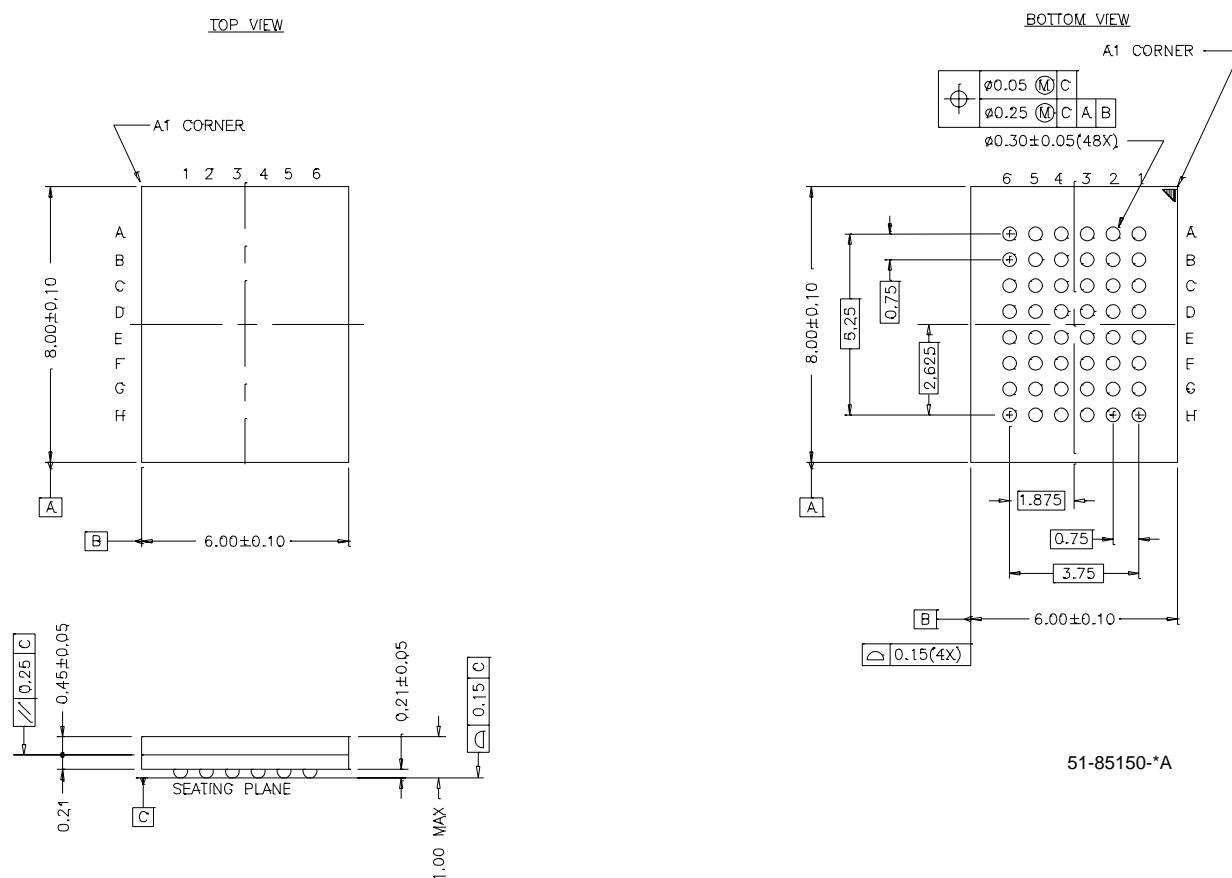
Package Diagrams

48-ball (7.00 mm x 7.00 mm x 1.2 mm) FBGA BA48A



Package Diagrams (continued)

48-ball VFBGA (6 x 8 x 1 mm) BV48A



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Document History Page

Document Title: CY62137CV25/30/33 MoBL® and CY62137CV MoBL® 2M (128K x 16) Static RAM Document Number: 38-05201				
REV.	ECN NO.	Issue Date	Orig. of Change	Description of Change
**	112393	02/19/02	GAV	New Data Sheet (advance information)
*A	114015	04/25/02	JUI	Added BV package diagram Changed from Advance Information to Preliminary
*B	117064	07/12/02	MGN	Changed from Preliminary to Final
*C	118122	09/10/02	MGN	Added new part number: CY62137CV with wider voltage (2.7V – 3.6V). Added new SL power bin for new part number. For T_{AA} = 55 ns, improved t_{PWE} min. from 45 ns to 40 ns. For T_{AA} = 70 ns, improved t_{PWE} min. from 50 ns to 45 ns. For T_{AA} = 70 ns, improved t_{LZWE} min. from 5 ns to 10 ns.
*D	118761	09/23/02	MGN	Improved Typ. I_{CC} spec to 7 mA (for 55 ns) and 5.5 mA (for 70 ns). Improved Max I_{CC} spec to 15 mA (for 55 ns) and 12 mA (for 70 ns). For T_{AA} = 55 ns, improved t_{LZWE} min. from 5 ns to 10 ns. Changed upper spec. for Supply Voltage to Ground Potential to $V_{CCMAX} + 0.5V$. Changed upper spec. for DC Voltage Applied to Outputs in High-Z State and DC Input Voltage to $V_{CC} + 0.3V$.