|             |     |        |      |      |      |             |                |             |              | ***        |         |                             | AA.1    |
|-------------|-----|--------|------|------|------|-------------|----------------|-------------|--------------|------------|---------|-----------------------------|---------|
| Time        |     |        |      |      |      | 100 sec     |                |             |              |            | Sec     |                             | 300 sec |
| clk         | Ш   |        |      |      |      |             |                |             |              |            |         |                             |         |
| reset       |     |        |      |      |      |             |                |             |              |            |         |                             |         |
| reset_all   |     |        |      |      |      |             |                |             |              |            |         |                             |         |
| load        |     |        |      |      |      |             |                |             |              |            |         |                             |         |
| mb_select   |     |        |      |      |      |             |                |             |              |            |         |                             |         |
|             | 00  | AA     | AB   | AC   | AD   | <b>X</b> AE | AF             | <b>X</b> B0 | <b>B</b> 1   |            | Xcc Xcc |                             |         |
| addr_a[2:0] |     |        | 001  | (010 | 011  | (100        | 101            | 110         | (111         | 000        |         | (001 (010 (011 (100 (101 (1 | 10 (11) |
| addr_b[2:0] | 000 |        |      |      |      |             |                |             |              | 001        |         |                             |         |
| val_a[7:0]  |     | 00 AA  | + AB | + AC | + AD | + AE        | (+ <b>)</b> AF | + B0        | + <b>B</b> 1 | 00         | (cc     |                             | (00     |
| val_b[7:0]  | XX  | (00 AA |      |      |      |             |                |             |              | <b>A</b> B |         | (CC                         | (01     |
|             |     |        |      |      |      |             |                |             |              |            |         |                             |         |
|             |     |        |      |      |      |             |                |             |              |            |         |                             |         |
|             |     |        |      |      |      |             |                |             |              |            |         |                             |         |
|             |     |        |      |      |      |             |                |             |              |            |         |                             |         |
|             |     |        |      |      |      |             |                |             |              |            |         |                             |         |
|             |     |        |      |      |      |             |                |             |              |            |         |                             |         |
|             |     |        |      |      |      |             |                |             |              |            |         |                             |         |
|             |     |        |      |      |      |             |                |             |              |            |         |                             |         |
|             |     |        |      |      |      |             |                |             |              |            |         |                             |         |