| Address                           |   | 64-bit Data Bus With 8-bit (BYTE) Granularity                               |          |                |          |                |          |                |          |  |
|-----------------------------------|---|---|----------|----------------|----------|----------------|----------|----------------|----------|--|
| Range                             |   | Active Portion of Data Bus  |          |                |          |                |          |                |          |  |
| ADR_I                             |   | DAT_I   | DAT_I    | DAT_I          | DAT_I    | DAT_I          | DAT_I    | DAT_I          | DAT_I    |  |
| ADR_O                             |   | DAT_O   | DAT_O    | DAT_O          | DAT_O    | DAT_O          | DAT_O    | DAT_O          | DAT_O    |  |
| (6303)                            |   | (6356)  | (5548)   | (4740)         | (3932)   | (3124)         | (2316)   | (1508)         | (0700)   |  |
| Active<br>Select                  |   | SEL_I(7)  | SEL_I(6) | SEL_I(5)       | SEL_I(4) | SEL_I(3)       | SEL_I(2) | SEL_I(1)       | SEL_I(0) |  |
| Line                              |   | SEL_O(7)  | SEL_O(6) | SEL_O(5)       | SEL_O(4) | SEL_O(3)       | SEL_O(2) | SEL_O(1)       | SEL_O(0) |  |
| an L                              | Big<br>Endian   | BYTE(0)   | BYTE(1)  | BYTE(2)        | BYTE(3)  | BYTE(4)        | BYTE(5)  | BYTE(6)        | BYTE(7)  |  |
| Ölğ                               | Little<br>Endian  | BYTE(7)   | BYTE(6)  | BYTE(5)        | BYTE(4)  | BYTE(3)        | BYTE(2)  | BYTE(1)        | BYTE(0)  |  |
|                                   | Address   | 64-bit Data Bus With 16-bit (WORD) Granularity  Active Portion of Data Bus  |          |                |          |                |          |                |          |  |
|                                   | Range   | D.7   | т т      |                |          |                |          | DAT T          |          |  |
| ADR_I<br>ADR_O                    |   |   | T_I      | DAT_I<br>DAT_O |          | DAT_I<br>DAT_O |          | DAT_I<br>DAT_O |          |  |
| (6302)                            |   | DAT_O<br>(6348)   |          | (4732)         |          | (3116)         |          | (1508)         |          |  |
| Active                            |   |   | _I(3)    | SEL_I(2)       |          | SEL_I(1)       |          | SEL_I(0)       |          |  |
| Select<br>Line                    |   | SEL_O(3)  |          | SEL_0(2)       |          | SEL_0(1)       |          | SEL_O(0)       |          |  |
| Big<br>Endian<br>Little<br>Endian |   | WOF   | RD(0)    | WORD(1)        |          | WORD(2)        |          | WORD(3)        |          |  |
|                                   |   | WOF   | RD (3)   | WORD(2)        |          | WORD(1)        |          | WORD(0)        |          |  |
|                                   | Address Range  64-bit Data Bus With 32-bit (DWORD) Granularity Active Portion of Data Bus |   |          |                |          |                |          |                |          |  |
|                                   | ADR_I   | DAT_I   |          |                |          |                | DAT_I    |                |          |  |
| ADR_O                             |   | DAT_O   |          |                |          | DAT_O          |          |                |          |  |
| (                                 | 6301)   | (6332)  |          |                |          | (3100)         |          |                |          |  |
|                                   | Active<br>Select  | SEL_I(1)  |          |                |          | SEL_I(0)       |          |                |          |  |
|                                   | Line  |   | SEL_O(1) |                |          |                | SEL_O(0) |                |          |  |
| Big<br>Endia<br>Littl             |   | DWORD(0)  |          |                |          | DWORD (1)      |          |                |          |  |
| Ord                               |   |   | DWC      | RD(1)          |          | DWORD(0)       |          |                |          |  |
|                                   | Address<br>Range  | 64-bit Data Bus With 64-bit (QWORD) Granularity  Active Portion of Data Bus |          |                |          |                |          |                |          |  |
|                                   | ADR_I DAT_I   |   |          |                |          |                |          |                |          |  |
|                                   | ADR_O   |   |          |                | DAT_O    |                |          |                |          |  |
| (                                 | 6301)   | (6300)  |          |                |          |                |          |                |          |  |
|                                   | Active<br>Select  | SEL_I(0)  |          |                |          |                |          |                |          |  |
| L                                 | Line  |   | SEL_O(0) |                |          |                |          |                |          |  |
| Ordering                          | Big<br>Endia  | QWORD (0)   |          |                |          |                |          |                |          |  |
| Orde                              | Little  |   | QWORD(0) |                |          |                |          |                |          |  |