|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ADDRESS BUS WIDTH** | **DATA BUS WIDTH** | **MEMORY SIZE** | **ADDRESS SPACE** | |
| 10 | 8 | 1 KB | 0x0000 | 0x03FF |
| 15 | 4 | 16 KB | 0x0000 | 0x3FFF |
| 20 | 8 | 1 MB | 0x000000 | 0x0FFFFF |
| 11 | 8 | 2 KB | 0x0000 | 0x07FF |
| 24 | 1 | 16 Mb = 2 MB | 0x000000 | 0x1FFFFF |
| 32 | 1 | 4 Gb = 512 MB | 0x00000000 | 0x1FFFFFFF |
| 19 | 1 | 64 KB = 512Kb | 0x0000 | 0xFFFF |
| 18 | 8 | 256 KB | 0x000000 | 0x03FFFF |
| 13 | 8 | 8 KB | 0x0000 | 0x1FFF |
| 30 | 1 | 1 Gb = 128 MB | 0x00000000 | 0x07FFFFFF |
| 18 | 8 | 256 KB | 0x000000 | 0x03FFFF |
| 27 | 1 | 128 Mb = 16 MB | 0x000000 | 0xFFFFFF |
| 20 | 8 | 1 MB | 0x000000 | 0x0FFFFF |
| 29 | 1 | 512 Mb = 64 MB | 0x00000000 | 0x03FFFFFF |
| 28 | 8 | 256 MB | 0x00000000 | 0x0FFFFFFF |
| 25 | 1 | 32 Mb = 4 MB | 0x000000 | 0x3FFFFF |
| 26 | 8 | 64 MB | 0x00000000 | 0x03FFFFFF |
| 20 | 3 | 384 KB | 0x000000 | 0x05FFFF |
| 31 | 1 | 2 Gb = 256 MB | 0x00000000 | 0x0FFFFFFF |
| 40 | 1 | 1 Tb = 128 GB | 0x0000000000 | 0x1FFFFFFFFF |
| 10 | 8 | 1 KB | 0x0000 | 0x03FF |
| 16 | 9 | 72 KB | 0x000000 | 0x011FFF |
| 17 | 8 | 128 KB | 0x000000 | 0x01FFFF |
| 32 | 1 | 512 MB = 4 Gb | 0x00000000 | 0x1FFFFFFF |
| 22 | 8 | 4 MB | 0x000000 | 0x3FFFFF |
| 18 | 8 | 256 KB | 0x000000 | 0x03FFFF |