



The diagram illustrates a 1000-bit data bus system. A central horizontal bus line is connected to 1000 individual bit lines, each labeled with a number from 1 to 1000. The bit lines are color-coded and connected to a series of 1000 input/output ports, arranged in a grid of 10 rows and 100 columns. The ports are labeled with numbers from 1 to 1000. The diagram shows the physical layout and connections of the bus system.