



FIGURE B.9.3 The basic structure of a 4×2 SRAM consists of a decoder that selects which pair of cells to activate. The activated cells use a three-state output connected to the vertical bit lines that supply the requested data. The address that selects the cell is sent on one of a set of horizontal address lines, called word lines. For simplicity, the Output enable and Chip select signals have been omitted, but they could easily be added with a few AND gates.