

Figure 1 shows a 4x4 grid representing a 16-bit data bus. The grid is divided into four 2x2 quadrants. The top-left quadrant is labeled 'Data Bus' and contains the values 0, 1, 2, 3. The top-right quadrant is labeled 'Data Bus' and contains the values 4, 5, 6, 7. The bottom-left quadrant is labeled 'Data Bus' and contains the values 8, 9, 10, 11. The bottom-right quadrant is labeled 'Data Bus' and contains the values 12, 13, 14, 15. The grid is also labeled 'Data Bus' on the right side.