

The visualization displays a series of horizontal bars and two step functions over a horizontal axis from 0 to 20. The bars are color-coded and contain numerical values, while the step functions show discrete changes at specific intervals.

Horizontal Bars and Values:

- Blue Bar:** Contains the value 2.
- Orange Bar:** Contains the value 3.
- Green Bar:** Contains the value 2.
- Red Bar:** Contains the value 2.
- Purple Bar:** Contains the value 2.
- Brown Bar:** Contains a sequence of values: 3, 2, 1, 0, -1, -2, -3, -4.
- Pink Bar:** Contains the value 1.
- Cyan Bar:** Contains a sequence of values: 1, 2, 3, 4, 3, 4, 0.
- Dark Blue Bar:** Contains the value 1.

Step Functions:

- Grey Step Function:** Starts at 0, jumps to 1 at x=4, and jumps back to 0 at x=19.
- Yellow Step Function:** Starts at 0, jumps to 1 at x=8, jumps back to 0 at x=12, jumps to 1 at x=14, jumps back to 0 at x=19, and jumps to 1 at x=20.

Timestamp (125MHz FPGA clock ticks)