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The diagram shows a control panel with a light blue background. At the top left is a dark blue rectangular button. Below it are two rows of controls. The first row contains four elements: a rectangular button, a rectangular button, a long rectangular slider, and a small square button. The second row contains nine elements: a small square button, a rectangular button, a rectangular button, a long rectangular slider, a small square button, a rectangular button, a rectangular button, a small square button, and a rectangular button with four vertical tick marks. At the bottom, there is a small square button and a long rectangular slider.

[illegible]

The diagram shows a control panel with a light blue background. At the top left is a dark blue rectangular button. Below it are two rows of controls. The first row contains three rectangular buttons of varying widths and a small square button on the far right. The second row contains a series of controls: a button with two vertical sliders, a rectangular button, another rectangular button, a long rectangular button with a vertical slider in the middle, a small square button, a button with two vertical sliders, a rectangular button, a small square button, and a button with four vertical sliders. Below these is a long horizontal slider with a small square button at its left end.

[illegible][illegible][illegible]




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[illegible]

The diagram illustrates a 16-bit ALU (Arithmetic Logic Unit) with a 16-bit input bus, a 16-bit output bus, and a 4-bit select bus. The ALU is composed of several functional blocks:

- 16-bit Register:** Receives the 16-bit input and stores the result of the operation.
- 16-bit Adder:** Performs addition on the 16-bit input and the 16-bit output of the register.
- 16-bit Subtractor:** Performs subtraction on the 16-bit input and the 16-bit output of the register.
- 16-bit Multiplier:** Performs multiplication on the 16-bit input and the 16-bit output of the register.
- 16-bit Divider:** Performs division on the 16-bit input and the 16-bit output of the register.
- 16-bit Shifter:** Performs bit shifting on the 16-bit input and the 16-bit output of the register.
- 16-bit Comparator:** Compares the 16-bit input and the 16-bit output of the register.

The 4-bit select bus controls the operation of the ALU, selecting between the different functional blocks.

[illegible][illegible]


[illegible]

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