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Arithmetic Logic Unit (ALU) is one of the most important components of any system and is used in many appliances like calculators, cell phones, and computers. A 32-bit ALU was designed using Verilog HDL with the logical gates such as AND and OR for each one bit ALU circuit. The design was implemented in Xilinx. It can work fast than the ALU processor using less power. The design of an ALU and ...

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