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CONSTRUCTION OF ALU DEMONSTRATION BOARD.



BY

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Abstract.

The arithmetic logic unit (ALU) is the 'heart' of all microprocessors and computers. The role of the ALU, which lies at the center of every computers; can be simply understood using an ALU demonstration board.

A 4-bit and a 8-bit ALU demonstration boards, completely based on binary system, are constructed. Each performs a total of 48 functions, which include 32 arithmetic and 16 logic functions.

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