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Step 2 Convert To Equations This Step Is Only

Necessary If You Captured The Function Using A Truth Table Instead Of Equations. Create An Equation For Each Output By ORing All The Minterms For That Output. Simplify The Equations If Desired. Step 3 Implement As A Gate-based Circuit For Each O Mar 8th, 2024

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- An Arithmetic Circuit Is A Combinational Circuit That Performs Arithmetic Operations Such As Addition, Subtraction, Multiplication And Division With Binary Numbers Or With Decimal Numbers In A Binary Code.
- A Combinational Jun 3th, 2024

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Of A Microprocessor, Program Memory, Data Memory, And Input/output (I/O). It Is Called 'micro' Because Of Its Small Size. Power Of The Microcomputer Is Determined By The Capabilities Of Microprocessor. It's Clock Frequency Determines The Speed Of The Microcomputer. Microp Apr 6th, 2024

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Microcomputer Architecture

System Bus Fig. 1-1-2 Three Basic Units Of
Microcomputer System A Bus Is A Collection Of Wires
Used To Transmit Signals In Parallel. According To The
Purpose, The Buses Of A Microcomputer Can Be
Divided Into Three Types: Address Bus, Data Bus, And
Control Bus. Three Buses Are Shown Are Shown In Fig.
1-1-3. Fig. 1-1-3 System Bus Of Microcomputer ... Apr
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