

Digital System Design Project

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4 Player Quiz Buzzer

Features of this circuit are:

1. Whenever a switch is pressed, the circuit locks the remaining three entries.
2. It has a master reset switch which allows users to press the switch next time once they have pressed.
3. It can be powered from variable power supply ranging from 5V to 15V.
4. It will give you visual indication but audio indication is also possible with some modification.

Components required:

1. IC CD4013 contains two independent D type flip flops which exist in one of two states and can store information.
2. IC7408 is a quad 2-input AND gate.
3. IC7421 is a Dual 4-input AND gate.
4. LED.
- 5 Resistor.

Circuit Diagram:

