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FINAL REPORT OF DIPLOMA PROJECT

FACULTY OF ELECTRICAL ENGINEERING

QUIZ-GAMES SWITCHES

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ABSTRACT

'Quiz- games Switches' can be used to handle any quiz games programs such as Perdana Ria, Hugo, Family Ceria, Strategy, Juara Minda, and etc. In this project the most important components is the Integrated Circuits (IC) such as 556 Timer, 4042 Quad D- Latch, 4002 Dual 4- Input NOR gates, LED (Light Emitting Diode), Ceramic Capacitors, Electrolytic Capacitors.

The process of this circuits is 4 switch that involves 4 players. If one players, press the button automatically the LED is flash. At the same time, A buzzer is activates. The other three players cannot press the button until the host press the button reset for another round.

For this application we know that how to used the circuit functions and we also can modified the function by adding a screen for the result. If can be market by displayed in the television quiz games.

ACKNOWLEDGEMENT

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~~-WASSALAM~~

(introduction)

EXPECTATION

We except that the circuit is good for us to analyze because this circuit is easy to use .This part we have to learn how the practical of the circuit with refer to the theoretical that have we learn .

From here we can practice ourselves to make a new technology of the application .Moreover we can produce the new term of the switch devices to make the easier and controlling the system very professionals .

Our project is related of the switch with using the Timer 556,IC's and others components .We hope with this analysis and practice will give us the experience and will produce the good ideas of the circuit.

We expected that the project (circuit) will success because all the IC's are familiar and too easy to find it at the electronic shops. About the circuit may be the problems will come at the Timer 556 and IC 4002B.

At the circuit maker this circuit can'tbe run because the IC4002B is not required in the circuit maker and we replace it with the same characteristic of that alternative IC and Dual Timer 555 .Now our circuit can be run after we construct our circuit.(6/4/00)

We hope this project will success and run follows the application of the circuit.