

Penang

Faculty Of Electrical Engineering



PROJECT TITLE:
ON BOARD TRANSISTOR TSTER

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ABSTRACT.

This is a new type of tester equipment. This will check the transistor condition without remove the transistor from printed circuit. . This circuit tester can be divided into 2 major part which is The Multivibrator and D-Flip-flop. The multibrator will oscillates frequency at 500khz and the output will give the clock input or trigger to D flip-flop Ic. Transistor condition can be shown by indicator of LED. The condition can be divided into 4 type which is short C/E, open C/E, Good NPN and GOOD PNP.

ACKNOWLEDGEMENT.

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Thank you again everyone.

INTRODUCTION

Subject-

This is the one of the subject for final semester student in UiTM. The subject consists theory and practical.

Circuit-

Commonly our project is about the tester device that is used to test transistor condition. We choose this project because the circuit is simple and did not used a lot of component. Besides, it is easy to study and the entire component are available in the market. In our opinion ,this project have e wide range of application and can be seen clearly to make the engineer or mechanic easy to check transistor condition without taking them from PCB board