

DIGITAL TACHOMETER & DC MOTOR SPEED CONTROL

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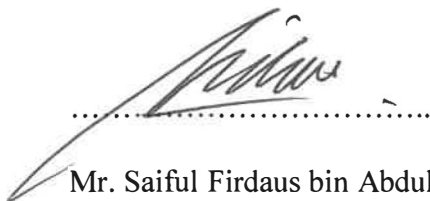
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APPROVAL SHEET

This project report attached here to, entitle “DIGITAL TACHOMETER&DC MOTOR SPEED CONTROL” by AMIR HAMZAH BIN MOHAMED RAFIK, (2013276464) and HAZIQ BIN HUSSIN, (2013600076) in partial fulfillment of the requirements for the Diploma of Electrical Engineering is hereby accepted.

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THANK YOU

ABSTRACT

There are many various type of tachometer in industry and one of it is digital tachometer. This device will detect the rpm or speed of motor measured. This device using two sensor; IR Sensor and Phototransistor Sensor in order to get desired rpm. When signal detects the 'cutting' process then it will send to Arduino Uno to process it then display the RPM on LCD. The motor speed control used to give variety of motor speed. On top of that, sensors use have certain amount current can pass through to avoid defect on it.

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