

PC TO PC COMMUNICATION USING INFRARED

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ABSTRACT

This report is described the design and implementation of the data transmission between 2 computers by using infrared. Such system had advantages over the using of cable. This system is an advance way to communicate because it is wireless between 2 computers.

From the information that found, introduction of relevant theories such as parallel data transmission, RS232 interface, characteristics of infra red and others is included in this report. This project included 2 parts and many components are used such as Max232 IC, NE555 timer, IR receiver and others. The process of completing the project is discussed and also some information of the components.

The issues of software will also be covered in this report. This include the implementation of parallel communication protocol, pc user interface and others information.

Lastly, this report is basically to describe the construction, testing and application of the circuit and the software part. More about the project and diagram will be described in this report.