

PULSE MODULATED LASER TRANSMITTER AND RECEIVER

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ABSTRACT

First of all, thank you for those who are interested about my project and read my report. By reading this report, you can roughly understanding how it will going to start a project according to the planning for the whole semester. And what kind of effort that need to put in to complete a project. But the main purpose of this report is to be a reference for the people who want to redo my project or intend to modify this circuit, any improvement or addition thing for this circuit are welcome and be supported. This report will show the complete and exact original circuit that I found and after modified. The PCB schematic are also reveal for reference, the design is no so really prefect after I'm testing for operation so once again, as what I mention just now, any modification suggestion for the circuit are WELCOME!! The block diagram will be show for understand the basic operation of this project. Beside that this project will also list the number of quantity that need to. Some formula and calculation, which is necessary, will also show in this report for any reference. Basic application of some component will be discus roughly or for understanding, of course data sheet will be included in this report for the convenience of reader to make reference. My project is about to use laser to transmit audio signal. It is a very simple project include circuit is simple and PCB is easy to design, circuit is easy to modify for many purpose besides transmit audio signal. Theory of coding and decision is fantastic; it is a very exciting project for those who are interested in communication area.