MELODIOUS DIGITAL TIMEPIECE

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ABSTRACT

This report consists of 5 chapters and all have been compiled in chronological order. The contents of this report include introduction, hardware design, components list, problems and solution and end with conclusion.

First and foremost, n the introduction of Melodious Digital Timepiece will describe about the purpose of Melodious Digital Timepiece and its Objectives. Later, In This Chapter The block diagram of Melodious Digital Timepiece will be shown.

Next is the hardware design. This part includes the explanation of the characteristics of IC MM5387 clock chip. In Melodious Digital Timepiece, the entire circuitry is divided into 4 sections and each section will be elaborated in details along with the circuit diagram. Besides that, the testing and checking section are included in this chapter and the necessary procedure will be discussed.

The following chapter is about the components list. In this chapter, you can find out the component types and quantity required for the circuitry part.

In chapter four, problems and troubleshooting regarding of this project will be provided. Besides that, solutions to overcome the problems occurred in the project circuitry will be provided.

The conclusion will be the end of this report. Overall development of this project is concluded. The necessary information will be inserted n the list of reference.