

SOLAR POWER DC MOTOR CONTROL

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ABSTRACT

This report will cover all the aspects reviewing what I have done in this project. This report can be classified into 9 parts. In the 1st part, there is an introduction. The introduction part gives a brief description and idea about what is the project and why is this project developed. Besides, the scope of title is also one if the section that contains the 1st part. It describes where and how the research done, the advantages and application of the project. Moreover, future modification section explains the possibilities of better modification that can be done in this project in the future. Hence, it can be improved in terms of its efficiency.

The 2nd part is Theory/Literature Review. This section conveys the information about the function of the components used in Solar Power Dc Motor Control and as well as the concept of it. It describes about the solar cell, IC (integrated Circuit) LT3477 and DC motor.

Next, in the 3rd part is about the construction. The construction of the final year project is being explained in this section. The list of components used in conducting the project will be shown in table form and the procedure in completing the project will be briefly explained with the aid of pictures.

Come to the 4th part, it is a technical part. Entire of designed circuits are explained in detail with calculation and concept. Besides, this section includes the circuit operation and block diagram of integrated circuit to make it understandable for all.

Next, it will be the section of problem encountered and solution in the 5th part of the report. All the problem arise while conducting the project during the first week until the due date of the project is listed down in this section follow with the method and possible solutions for each particular problem.

Moreover, this report still includes discussion and conclusion (6th part), project progress summary (7th part) which summarizes the whole report, reference (8th part) and appendixes (9th part) attach at the end of the report.