

ABSTRACT

Currently most of the push pull amplifier system uses the transformer at their output stage it is because push pull are most used in the high power amplifier, so the transformer are used to conduct large current without saturation. But the use of the transformer make the system of the amplifier very bulk and due to the cost of those of the transformer make the amplifier to be more expensive.

This project was come with the solution of the problem of using transformer and reduce the cost and also the weight of the amplifier system.

This project was completed in two semester, semester one include Introduction, literature review the proposed system and data collections, while semester two was include the data analysis, circuit implementation, testing, discussion of the results and conclusion and recommendation