

MARA INSTITUTE OF TECHNOLOGY
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FINAL YEAR (DIPLOMA) PROJECT REPORT ON :-

" TAPE PLAYBACK / RECORDING "

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UNDER THE SUPERVISION OF :-

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Nor Chahaya bte Obai Dullah,

Nor Sham bte Obai Dullan.

PREFACE

This report describes a tape playback/recording which has been operating successfully for a few months.

The project involves a large number of components i.e. I.C NE 5534, capacitors (tantalum), resistors (1%), head tape of high quality, tape decoder, switches etc.

This report touches basically two basic sections such as tape playback and recording. However, at the end we also include further improvement and development that can be made on the device i.e. power supply, power amplifier, speaker and etc.

However, due to the delay and difficulties of a few components which are supposed to be used, we are sad to say that we could not finish the recording module, but we can prove this module.

Finally we wish to thank each other for a remarkably pleasant and rewarding collaboration.

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ABSTRACT

This project is based on a project entitled "AUDIO DESIGN" by John Linsley Hood but is now called "Tape Playback / Recording". It is taken from the Electronic Today International (ETI), February 1984 and a lot of modifications are made in the circuit (especially in the playback circuit) for better performance of the project.