

VIDEO TEXT INSERTER

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ABSTRACT

This is a project report of video text inserter. This report divides into 6 parts, which is introduction, technical overview, construction, part list and cost, result and analysis, and conclusion.

The introduction part is all about the introduction or the project at the objective for doing this project, Video text inserter is actually a hardware design for insert text, data, and time to overlay the video signal from VCD player, VCR or video camera, and this device support NTSC and PAL system.

In technical overview part is all about the IC block diagram, how the circuit work, how the software work, and flowchart for the programming.

Next is construction part, this part is about the entire step to construct the project such as fabricate PCB, soldering, and casing installing.

Follow by the next part is part list and cost, all entire components are list down and the price is given. The components prices are from Pasar road, Kuala Lumpur.

Result and analysis part is the outcome result that I can get, and the analysis is about the TV system, which are NTSC and PAL system.

Finally is conclusion, it is about explains the commercial aspects, suggested further development and improvement, and conclusion of the project as a whole.