

DOT MATRIX DISPLAY USING PC

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ABSTRACT

The main objective of doing this project is to have a clear understanding on the message display especially the 'Dot Matrix Display' outlines in depth in the whole assignment. It is better to clasp the knowledge as much as possible in this area and have a complete analysis to let the users fully apply it.

The whole body if the assignment consists of an introduction, the dot matrix display in 7 * 5 LED, the configuration, how it works, the matrix theory and multiplexing, characters & fonts & graphics, the interface with PC, the software, and the most important part – the analysis part. The analysis part covers the voltage regulator, decade counter, hex inverter and the latch. All these parts have each special feature and are fully identified in the essay.