DESIGNING AN ELECTRONICS ADVERTISEMENT BOARD

Prepared by: Choy Yew Kee, Ho Wey Wey, Lau Min Lit, Lim Tuan Hoe

ABSTRACT

Character and graphic display or display board have been used to attract people as well as providing information. In order to make the entire characters and graphics clearly distinguishable, dot matrix display is more commonly used in LED display board. The LED is used in dot matrix fashion.

The design had detailed information about the building of the circuit and structure. It will provide the information about the circuit design, programming of the micro-controller, micro-processor to display the character. Structure design, calculation and the application of the design. To use a dot matrix display will definitely attract more attention than a plain and never changing painted signboards, thus the display board is possible to rotate clockwise and anticlockwise. The structure on the other hand is very safe and provides excellent serviceability and durability.