5X7 MATRIX DISPLAY

Prepared by: Teh Chai Thiam

ABSTRACT

The project 5x7 matrix display contains the main circuit 5x7 display circuits and the in-circuit programmer. Another separate part of this project call multi-chip programmer (MCP) also is included. MCP actually is the extra circuit, it use as the in-circuit programmer, however it is more powerful since it can program more different type of PIC than the in-circuit programmer can be.

The 5x7 display circuit is use as a lift display. It shows the level of lift from ground floor to level 9. And add new effect to the output display to show the direction movement of the lift. There are two button included on the circuit to prove the output effect was achieved. Button A shows the level from G to 9 with up effect, and button B shows the feel from 9 to G with down effect.