Laboratory Report

Lab #	7	Date Performed:	November 12, 2025
Laboratory Exercise Title:	Hardware Interrupt Interfacing		
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Activity #1

Determine the value of the following command words (in hexadecimal) based on the

requirements. Refer to Figures 2 and 3 for the command word format.

- ICW4 needed, Single Mode, Call Address Interval of 8, Edge Triggered ICW 1 = **13H**
- Interrupt Vector Address: 80H-87H ICW 2 = **80H**
- 8086 Mode, Auto EOI ICW 4 = **03H**
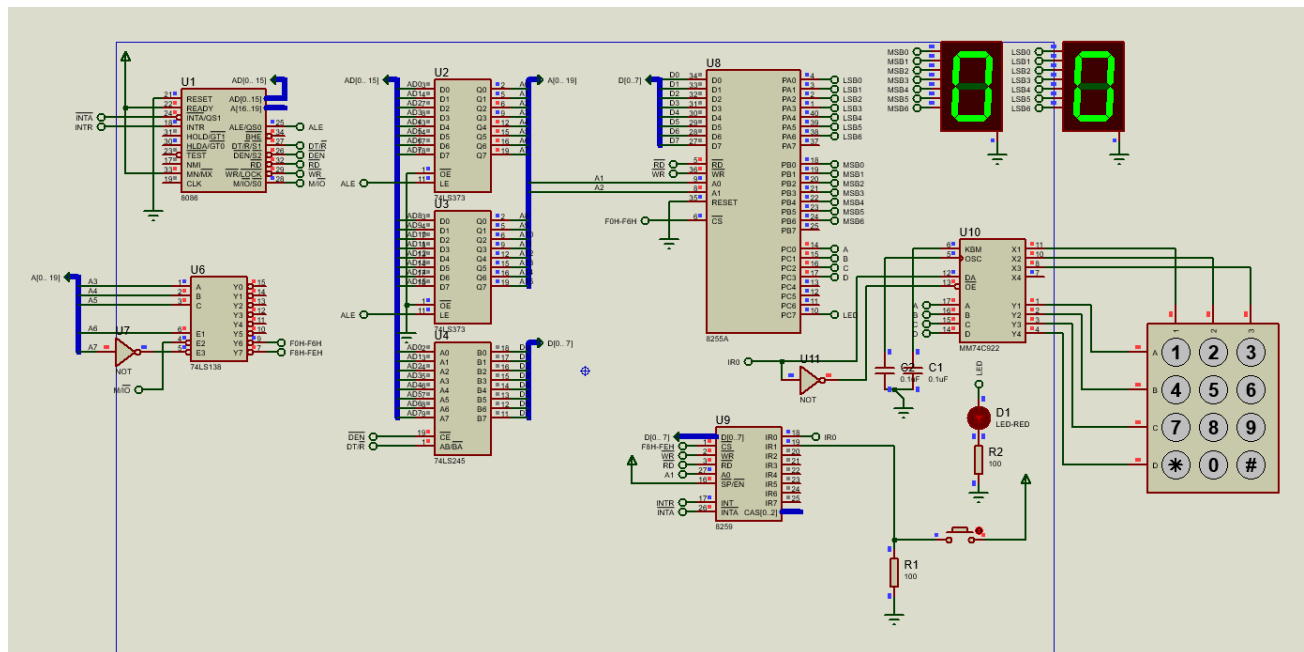- only IR0 and IR1 are unmasked OCW 1 = **0FCH**

Activity #2

Figure 1. Circuit