

## **CSC405 MICROPROCESSORS**

8259 Programmable Interrupt Controller

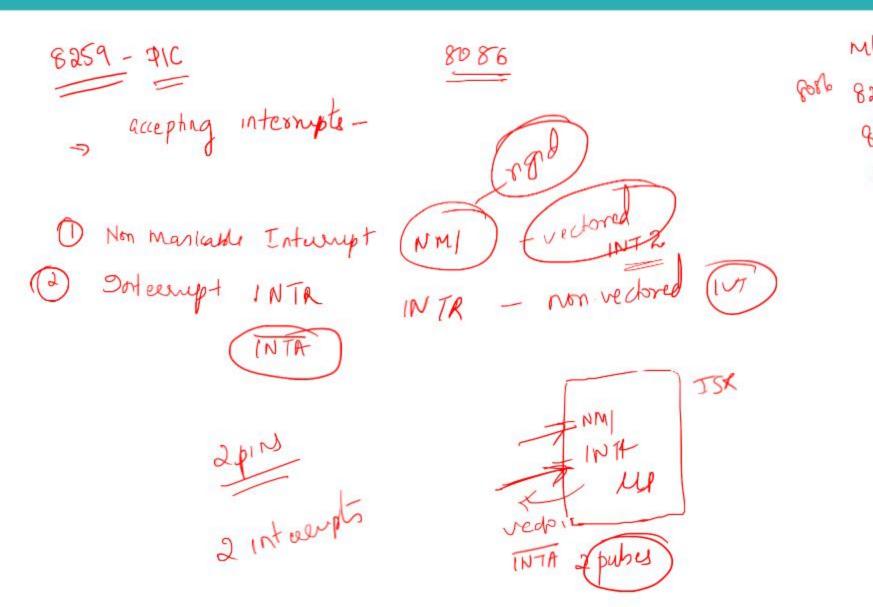
## **OBJECTIVE**

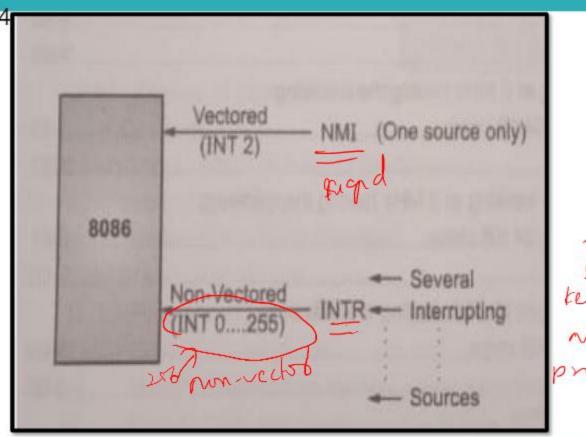




To understand 8259 Block Diagram and Interfacing in Single Mode – Programmable Interrupt Controller.

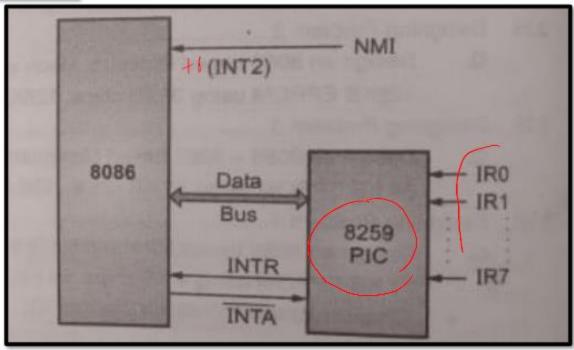


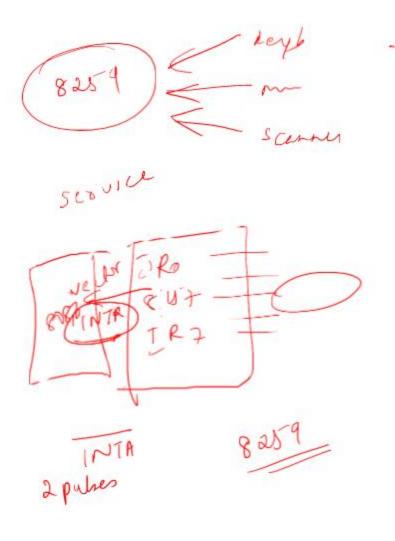


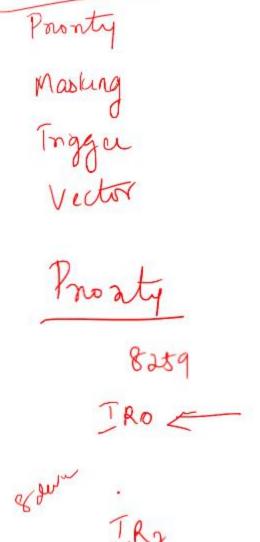


sun teyboard m 8259 -Erequent IRO









9 where up Li

IRa sannard

MMT

INTR

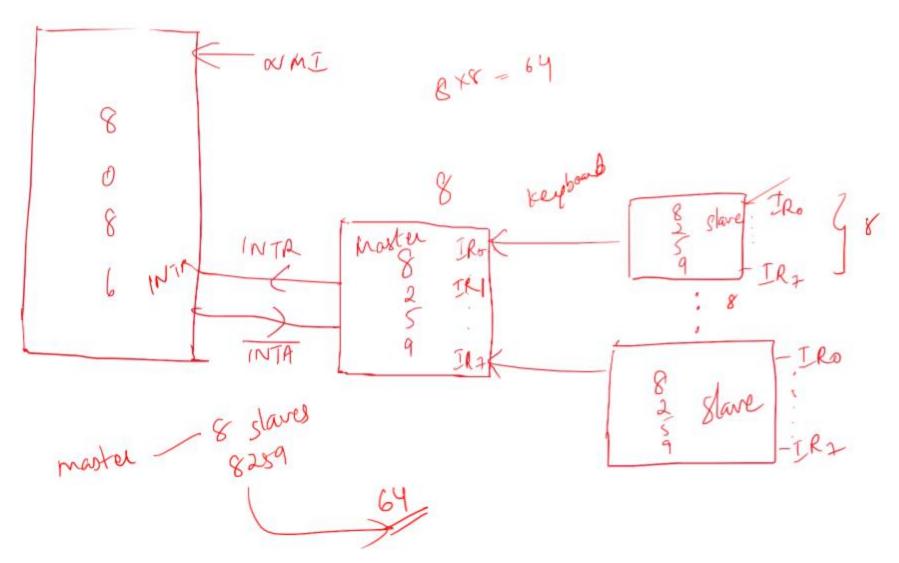
8086

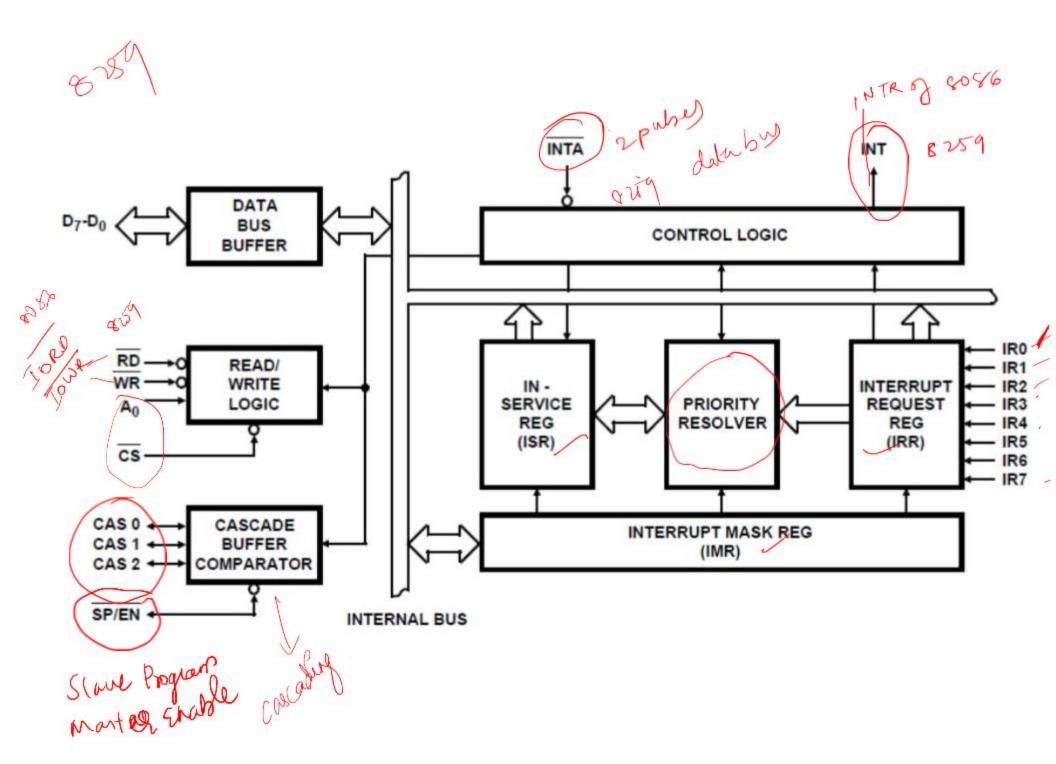
Masking marked to ignore Volter NO WIA - 4x4 ter

rear 8259 ~ no problem tagger < no publin - umasked

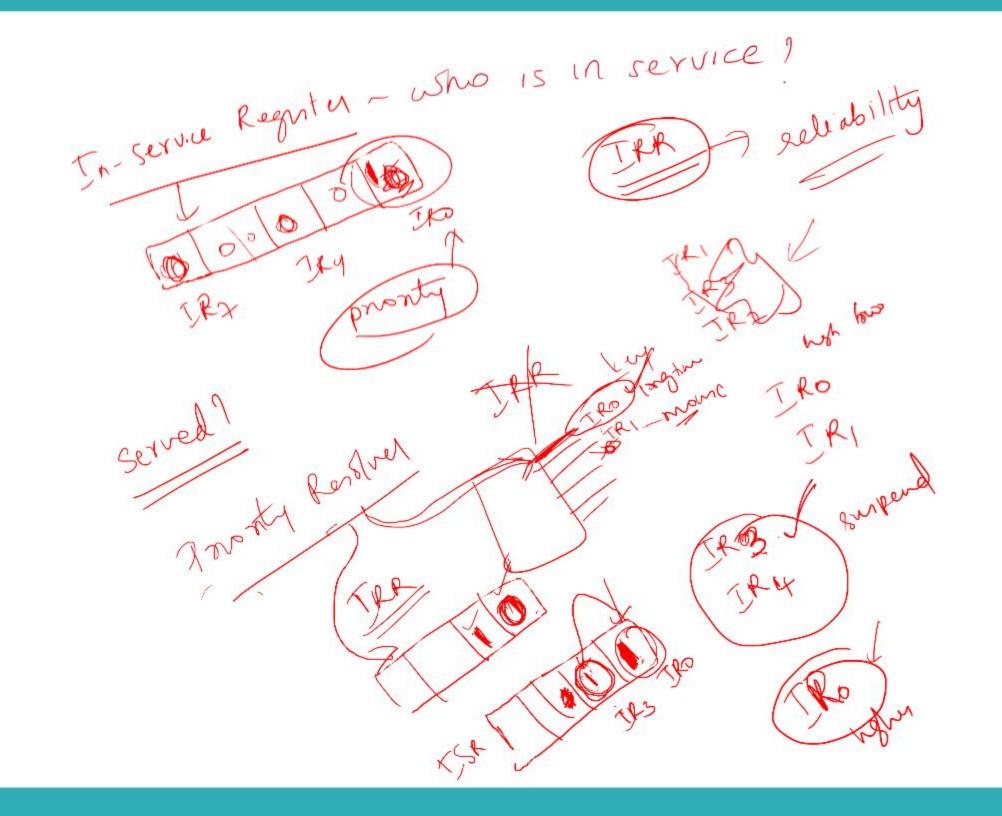




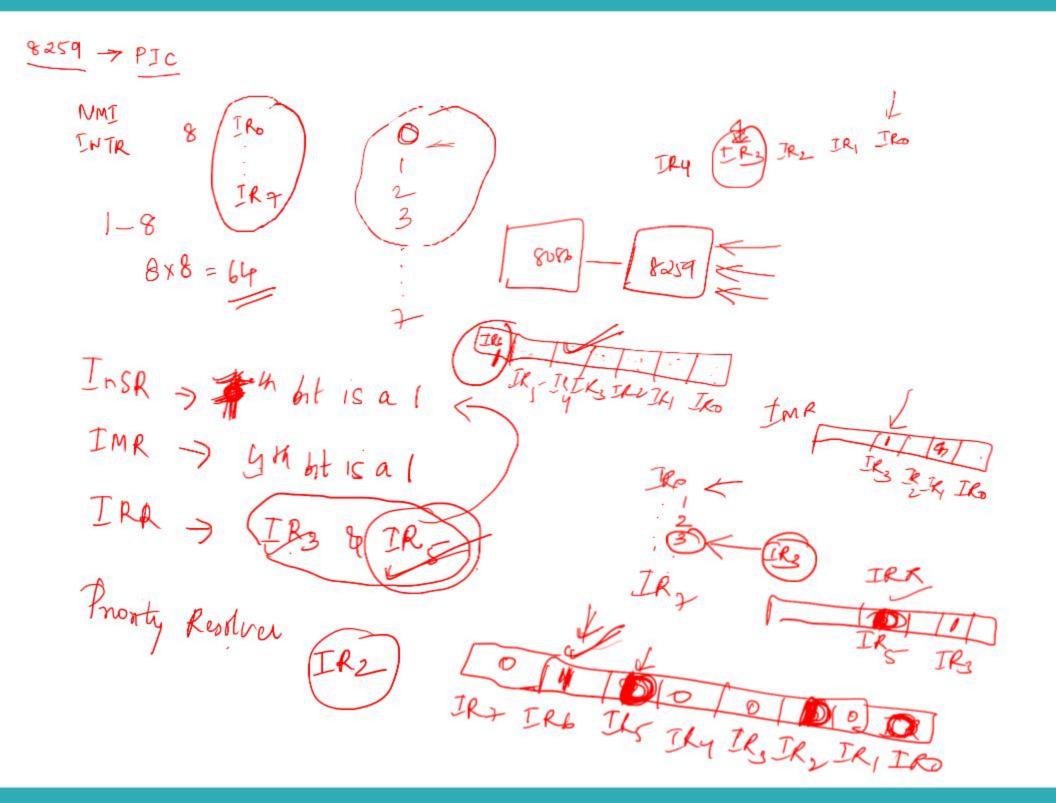


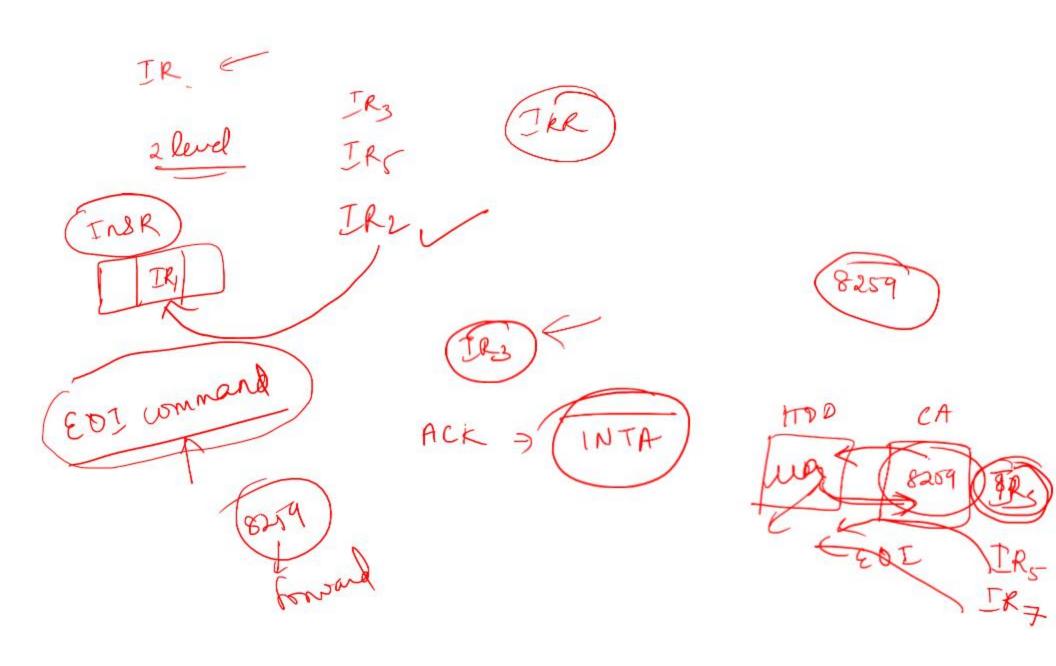


Shoprested. 8 bit regrand 8 0



In SR > Ith but - 1 IMR -> 300 bit -1 IR3 & IR higher pronty ignore IRS





asadura vedor IRO 8259 KIRT 2/2 Master 223 mouse INTR forell IRS IRO 4511 6 Slave IRT SPIEN

1 Instralize 8259

Deckor no

3 master > lines - slaves

Slave > identification

INTA -> asking for vector vector vector no

