Money Uniyal embedded. 19EE10039. and connect with other Atmega32. When we use Atmega32 as phenipheral Interfacing controller (PIC) we can use only 2 expernal pins for interrupts that are INTO, INTI Connecting 8 interrupt signals in group of 4 to each external interrupts on no of Atmaga32 and maintain & flags to indicate which interrupt signal is enabled. Thus, using proofing method, we can use Atmega 32 a 8259. PB, PB2 PB3 PBH Atmeger 32. Atmaga 32

when any (1Ro, 1Rg) is enabled, it will make Alto of first Atmogass to set all offus interrepts are connected to Port B prins, which as flag for particular interrupt. Similarly, 1111 is spens Fist Atmega32 com be proporammed for priority scheduling and lending introryps to second atmega32. Second Atmega32 on recieving this interrupt jumps to defined 1R. using weter interryst table. 20 To recieve vector interrupt - 4 interrupt requests (1Ro-1R3) are passed turbuge ux2 priority encoder. Set 1R3 with highest priority and 1R0 as howest: 2 of pososity encoder one to control

in of mux ane IR addresses of corresponding interrupts, with 120-123. Afriga 32 will get interrupt request and address of IRC form mux. 183 INTO 182 101