

IC19-3

(Initialization Command Word-3)

- *) IC193 is required only if there is more than one 8259 system in the system and if they are cascaded
- *) An IC193 operation loads a slave register in 8259 Programmable Interrupt Controller.
- *) Master
Each bit in IC193 is used to specify whether it has a slave 8259 attached to it on its corresponding (Interrupt Request) input.
- *) Slave
D₀ D₁ D₂ bits of IC193 are used to assign slave identification code (Slave ID) to 8259.

IC193 Master Mode

A ₀	D ₇	D ₆	D ₅	D ₄	D ₃	D ₂	D ₁	D ₀
1	S ₇	S ₆	S ₅	S ₄	S ₃	S ₂	S ₁	S ₀

- 1 ⇒ Interrupt Request Input has a slave
- 0 ⇒ Interrupt Request does not have slave

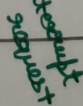
IC193 Slave Mode

A ₀	D ₇	D ₆	D ₅	D ₄	D ₃	D ₂	D ₁	D ₀
1	0	0	0	0	0	ID ₂	ID ₁	ID ₀

Slave-ID							
7	6	5	4	3	2	1	0
-	-	-	-	0	0	0	0
-	-	0	0	-	-	0	0
-	0	-	0	-	0	-	0

^{1st bit} ^{2nd bit} ^{3rd bit}

1



Intercept Requests