LOGIC CONTROLLER MODULE

Port A of 8255 forgie lost is commoded as output fort ound Port B of 8255 is commoded as input port for the logic controller module.

Port A pins of 8255 are considered to 8 LEDs. When Port A pins of 8255 are considered to 8 LEDs. When the bit of Port A is high other due corresponding LED glows. The bit of Port B is considered to the toggle Switch of logic conductor. Port B is connected to the toggle Switch of logic conductor. The status of toggle Switch is indicated by the LED commended to it.

1 0000 0010 = 82h

I mode PA PCu mode PB PCL

Mode \$19A is not GB as all p not word

Output und GB as all p not word

A Simple program to demonstrate Lagic Controller Interface functionality

Tupat the data from logic Controller, Complement it and output the grewelt ten logic Controller.

Mov al, 82h Neordad word

Mov dx, CWR

CWR address moved to dx my

Cut dx, al

Mov dx, PB

Pat B address moved to dx my

in al, dx

Read Pat B

not al

Mov dx, PA

Pat A address moved to dx my

Out dx, al

Write into Pat A