

Assignment - 2

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Section/Group: ON20BCS-809/A

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Subject Name: MPI

Subject Code: 20CSP-252

1. Aim/Overview of the practical:

Make control word when the ports of 8255A are to be used in mode 0 with all the ports as output port.

2. Theory:

As we know to select the Mode 0 we have to always select the D6 & D5 as 0, 0. And D2 as also 0. To keep the IC in I/O mode we have to Select the D7 always as 1.

D7	D6	D5	D4	D3	D2	D1	D0	Control Word
1	0	0	0	0	0	0	0	80 H
1	0	0	0	0	0	0	1	81 H
1	0	0	0	0	0	1	0	82 H
1	0	0	0	0	0	1	1	83 H
1	0	0	0	1	0	0	0	88 H
1	0	0	0	1	0	0	1	89 H
1	0	0	0	1	0	1	0	8A H
1	0	0	0	1	0	1	1	8B H
1	0	0	1	0	0	0	0	90 H
1	0	0	1	0	0	0	1	91 H
1	0	0	1	0	0	1	0	92 H
1	0	0	1	0	0	1	1	93 H
1	0	0	1	1	0	0	0	98 H
1	0	0	1	1	0	0	1	99 H
1	0	0	1	1	0	1	0	9A H
1	0	0	1	1	0	1	1	9B H



Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.			
2.			
3.			