SNS COLLEGE OF TECHNOLOGY

Coimbatore-35
An Autonomous Institution

Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A+' Grade
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

19ECT221 – MICROPROCESSORS AND MICROCONTROLLERS

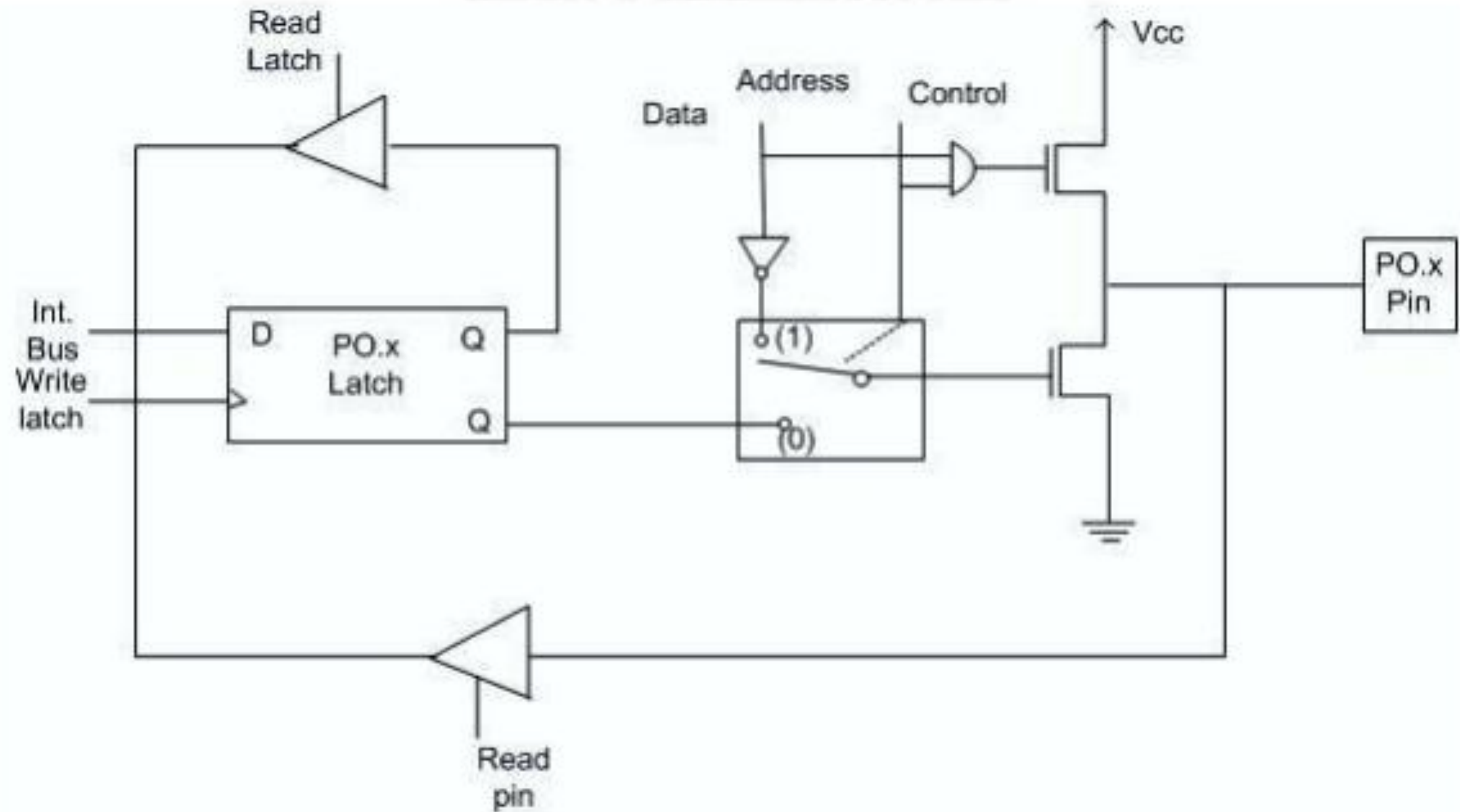II YEAR - IV SEM

UNIT 3– 8051 MICROCONTROLLER

➢Each port of 8051 has bidirectional capability.

➢Port 0 is called 'true bidirectional port' as it floats (tristate) when configured as input.

➢ Port 1, 2, 3 are called 'quasi bidirectional port'.

PORT O Circuit

References

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Ramesh S.Gaonkar," Microprocessor – Architecture, Programming and Applications with the 8085", Penram International Publisher,7th Ed., 2016

Thank You