

Microcontroller and Computer architecture

Lecture 2

Microprocessor 8085: Architecture

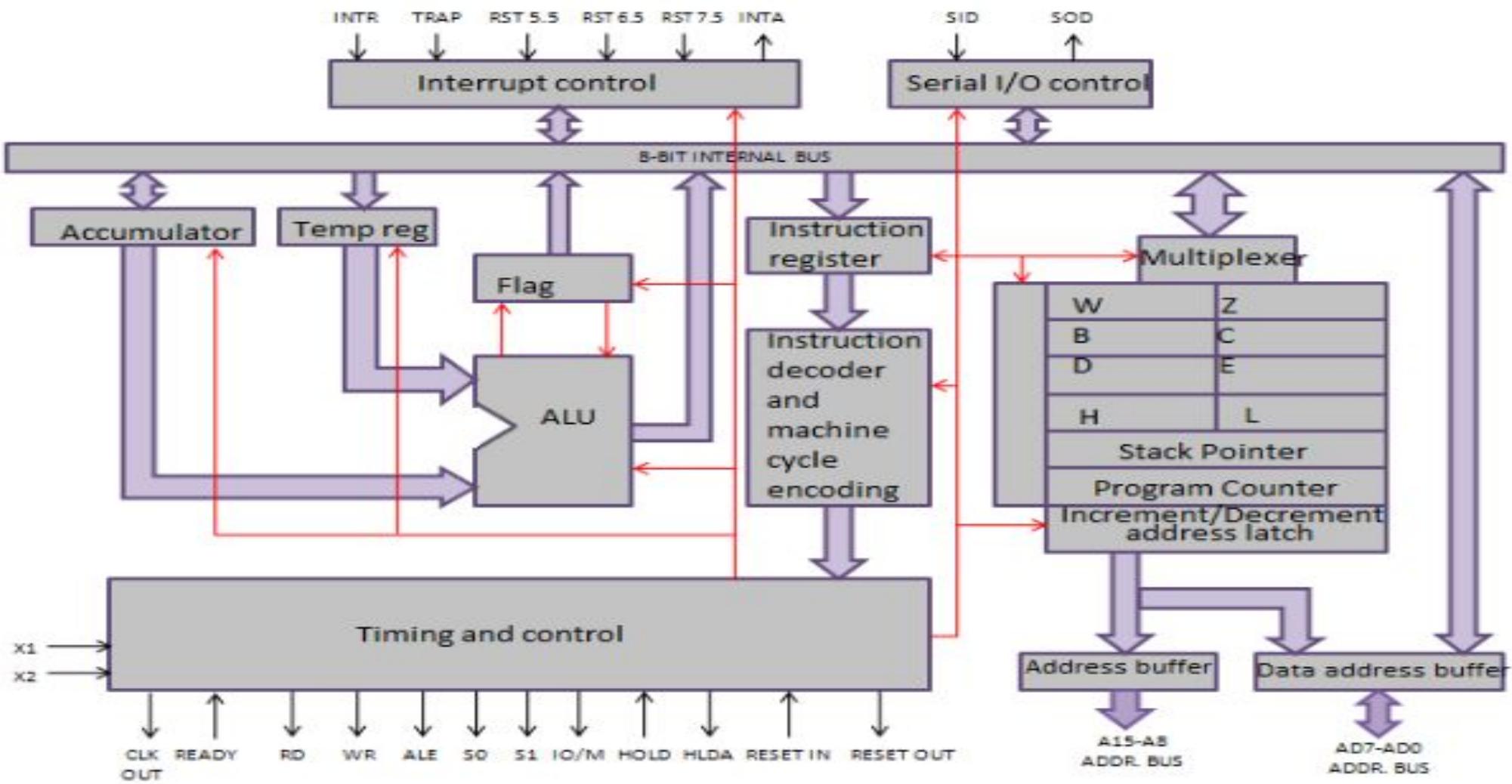
A presentation by

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X_1	1	40	Vcc
X_2	2	39	HOLD
Reset out	3	38	HLDA
SOD	4	37	CLK (out)
SID	5	36	Reset in
Trap	6	35	Ready
RST 7.5	7	34	IO/M
RST 6.5	8	33	S_1
RST 5.5	9	32	Vpp
INTR	10	31	RD
INTA	11	30	WR
AD_0	12	29	S_0
AD_1	13	28	A_{15}
AD_2	14	27	A_{14}
AD_3	15	26	A_{13}
AD_4	16	25	A_{12}
AD_5	17	24	A_{11}
AD_6	18	23	A_{10}
AD_7	19	22	A_9
Vss	20	21	A_8