

lowest logical address = 1BCBOh
seg: offset 1BCB: FFF3l Rnd lowest 9Be90h 1BCC: FFE3 h (10cc01) 3rd buent 79th June logical addrain: 2ABO: 1F3F Lec 3 - memory addressing (a) Physical address = 2ABOX10 + offset highest bégical address= 2CA3; 002F 2CA3F

lowest a = 1CA30; FFEF 2CA38

Lowest 2 A3F > 1CA40

Complete

Lowest 2 A3F > 1CA40

Complete

Complete

Lowest 2 A3F > 1CA40 lower 20A3F > 1CA40

8086 -> 16 6it. Addition bus = 20 bit Memo > Dobit 4> Pata Bus > Register 13220=1Mb -> Control bus LALU 24 = 20 x24 = 16 MB 000 10h BY -- Rese Might on highest = 0001: 0000 2nd highest = 0000: 0010 3rd | = Invalid 10west = 0000: 0010 2nd u = 0009: 0001 Segment Pegisten 3nd " = Invalid Registeri General purpose Register = AX, BX, CX, DX 7 16 61 26H 86F C3-code segnent D3-pata segnent 58 - Stack signent Segment Registen: ES- Extina regressit

CS CamScanner

TP - Intraction pointer

St - Source Index

DI - Destination Indus

SP - Stack pointer

BP - Base printer

BX - Base Rigisten

55 - Stack Segment

Segment Register: 28- ande segment