at rie 1 azig tend con or for the rest size I son our لو طيت الـ Master يـ Bus الم عن الكلان are al all Bus 11 Fras airs Block pelaza Mosters 11 34 05

موصوع الدرس

1 & South So \* Split transactions \* Bus I done arbitration alon Master to so il donne AHB II

Wait Il Egop du subi acti olave Il sela address Il city person we release the bus sull - its about sull

dois addito du colo olave 116 de Bus 11 ieu ail Master 11 care

Sole ait Masters Visitive releasing the Bus as still is all is

الدكتور بيقول ان موضى اله tilp ولا towal هو اهد استانه العاضله في الميديرم والعاربال .. رينا بيس D:

transactions Lel clube Bus I de Liming diagrams deal lale liquel 

خشان نخرف سر سم الرسمة اللى في السلاب دي لازم الأول نعرف شكل السالما ع الله عاده و المرف كل عاده بقل اله Tille On solo olave o solo Master in as Bus I ailie olaves to dolo zu Bug I

\* صركة الحل على الحاق ماع العلامة الحرب الحاق من الحرب الحر

التحلام اللي هاي ده متحتوب in details على الد المحتاع الدكتور أو باسم AHB signals عالمراسف عادي ق

Master live abiles educes (8 educes) HCIK as educes II B AHB educes as I CHA educes Rising edge triggered AHB logic 11 to ASynch Sw on Jemisynch of Jynch or Bus I so

AHB 11 # Specifications augusting be port IL XID un llung is light wieb 5H2 000 e lis dly AHB JI pues active viern prod devices II is acque sieght
AHB2AHB = MAHB of in Bridge Jelg Buses acqued

AHB Supports Hierarchical Bus Design

AHB II is onle bis device to - devices it reset jory: HReset reset - device I to as sixo o just low law by reset ashin device Julia detastreeti Tose o 16 dk cycle costo so opiali Tulis هم اللي بتحدد

dels eine Addi Deader II de des eje de vije inviero : H'ADDR Jlave II Je 32 wires

Most oignificant part > Add. Decoder > HSel

Lower part -> 000 in register the device or Memory of Jelected device !

Bus II ist waster wil wer Arbiter

وانت ال و address الأزم تلك معاه اله عمل عمل عمل التي التي الم les write is read - in l'ai slave l'il stude transaction

12 bits = 8ize of words (w) = (Hsize)
32 bits = 3-bits

موصوع الدرس Subject Date التاريح Ensit H: usue end ies 11 noisosnort - du lus au Biels? 1 idle transaction :> No Read or write just checking @ Busy transaction: initial 1 Laster 11 Super of the first of the Master Il fixed .. Jemi-Synch. I is Labis Il Ready wait evering of is the master is also is the sail 3 Nonsequential trans. " I rans abolic stee its abs end 1) Jequential trans:-١١ ١١ ليها علاقة بالديقيلها \* Tingle word transaction > (NON) | disaster as the wilde \* Burst -> Jeg pot \_ shills non Jeg- owl , del direction I ale sus :HWrite if one -> J 1 & write to M 11 5 Il is Read as M 11 if zero -> 4words is La HBurst = 4 al Ilia isa a Burst size II da sou : HBurst bit per word of - Hoize as paction dize I will HSize Ila HBurst Il cula Greipida 5 word per Burst Tetu Characteristics gi Pro Perties II way all Haster I Emps : HPROT Jessey transfer JI

JII is M II loljen cell data II de Sover: HRDATA

5 JI -3 M JI LEWIND WILL STEP IL M E-IL T

Hardware J chair write are a Read wire all what I show transaction I is to of the write all pipelined and the Will with the wall is write at read is wish with the wind wood a delay of the write is a delay wire for write wire for write

it produces a group of Jelect dignals: Hsel

one for each dave

the dave gives the OKAY response: HRespi

If the transfer is successful or response with ERROR

Master II Jan slave II La Jemi Synch II is Lovis: HReady
it's a Jemi Synch Bus - Low 89 ready oil

الرجع لـ Burst مع المحالة الم

Non Jeg Non Jeg Jeg Jeg Single word + burst ou

HADDR > inclement of Ladress John Coments of Court of Cou

Arbitration Jon Time

Addressing & control To

Ready in Slave Majelow write D is vigitly To

1 clk and I india high Theready The

writing data india high Theready Th

PEnable 11 apris 2 de CIK 11 timo stá الميرتيرم كر المحامن وي