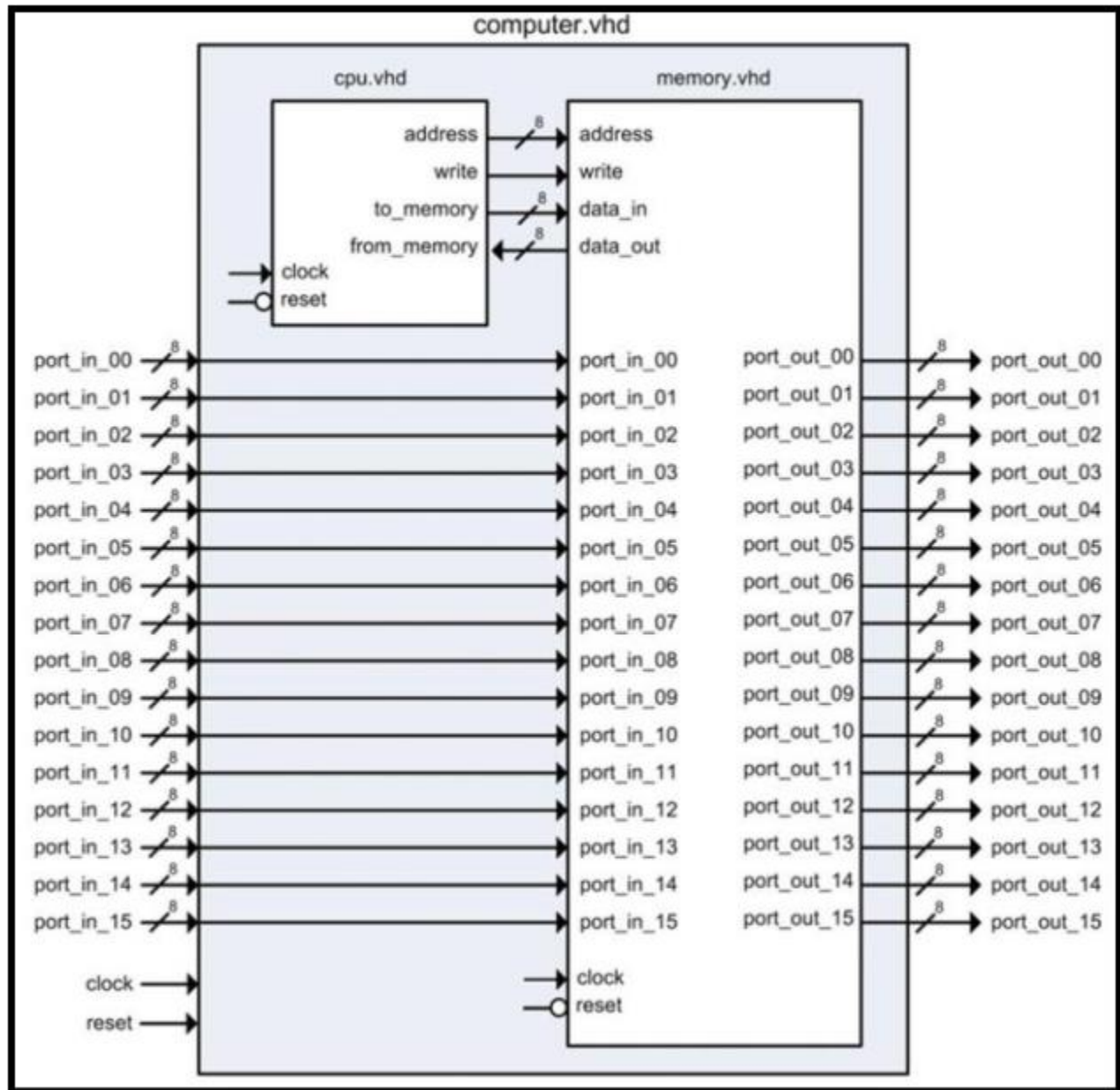


8-BİT İŞLEMCİ

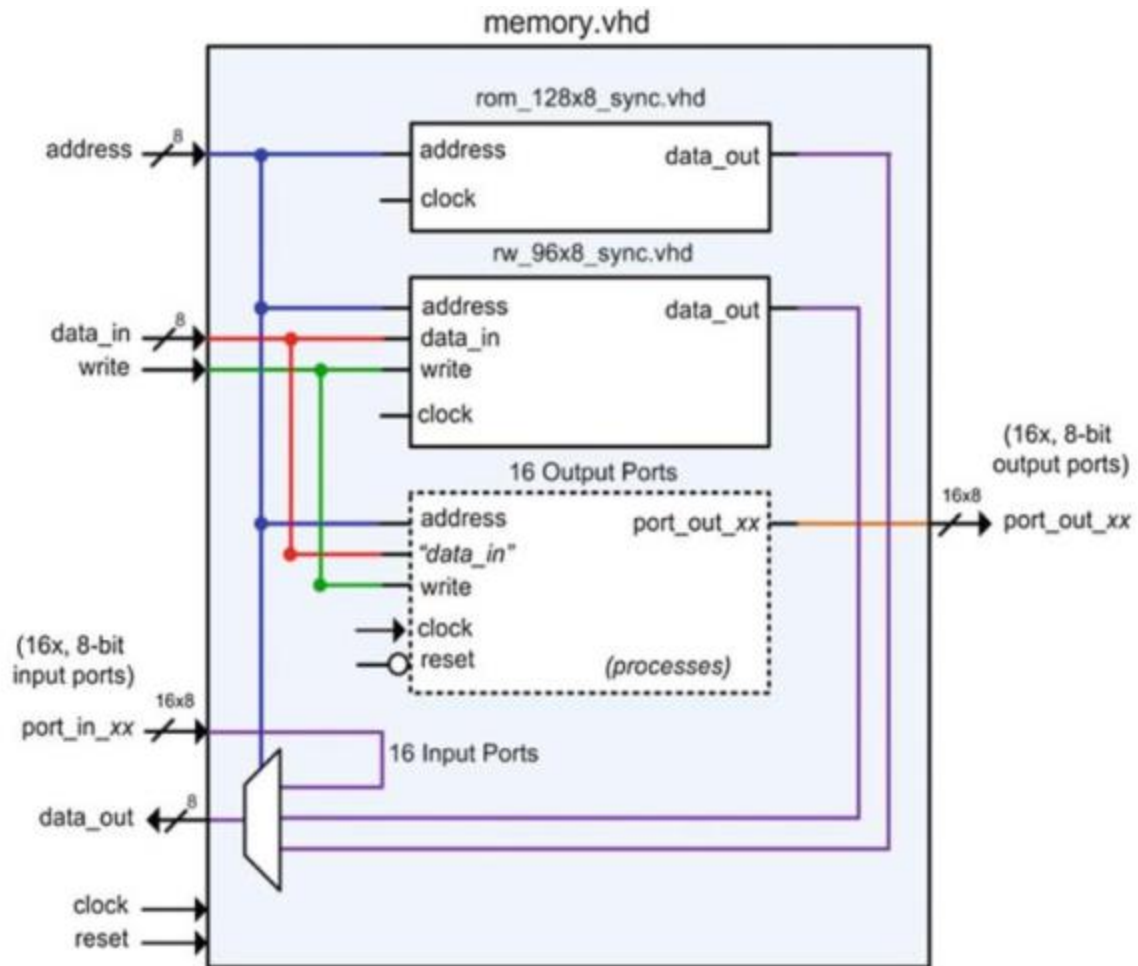
Tüm Komutlar:

<u>Mnemonic</u>	<u>Opcode, Operand</u>	<u>Description</u>
"Loads and Stores"		
LDA_IMM	x"86", <data>	Load Register A using Immediate Addressing
LDA_DIR	x"87", <addr>	Load Register A using Direct Addressing
LDB_IMM	x"88", <data>	Load Register B with Immediate Addressing
LDB_DIR	x"89", <addr>	Load Register B with Direct Addressing
STA_DIR	x"96", <addr>	Store Register A to Memory using Direct Addressing
STB_DIR	x"97", <addr>	Store Register B to Memory using Direct Addressing
"Data Manipulations"		
ADD_AB	x"42"	A = A + B (plus)
SUB_AB	x"43"	A = A - B (minus)
AND_AB	x"44"	A = A · B (AND)
OR_AB	x"45"	A = A + B (OR)
INCA	x"46"	A = A + 1 (plus)
INCB	x"47"	B = B + 1 (plus)
DECA	x"48"	A = A - 1 (minus)
DECB	x"49"	B = B - 1 (minus)
"Branches"		
BRA	x"20", <addr>	Branch Always to Address Provided
BMI	x"21", <addr>	Branch to Address Provided if N=1
BPL	x"22", <addr>	Branch to Address Provided if N=0
BEQ	x"23", <addr>	Branch to Address Provided if Z=1
BNE	x"24", <addr>	Branch to Address Provided if Z=0
BVS	x"25", <addr>	Branch to Address Provided if V=1
BVC	x"26", <addr>	Branch to Address Provided if V=0
BCS	x"27", <addr>	Branch to Address Provided if C=1
BCC	x"28", <addr>	Branch to Address Provided if C=0

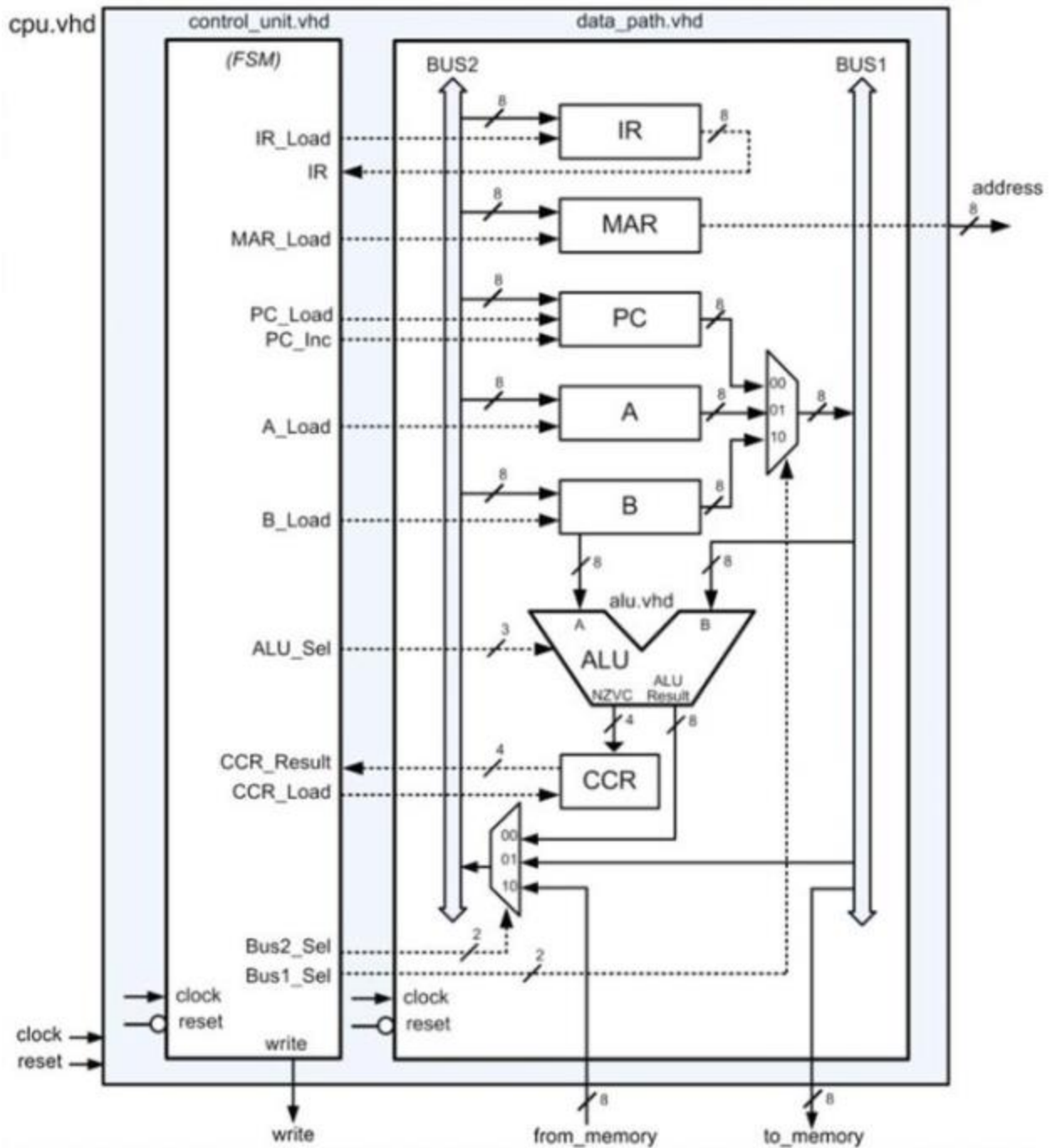
Top-Level Diyagram:



Bellek Bloğu:



CPU



Bellek Yapısı:

