

ALU output (input A, B) :

A + B	000
A - b	001
A And B	010
A Or B	011
Not A	100
A	101
B	110

ALUop :

Add	000
Sub	001
And	010
Or	011
Func	100

Function's ALU :

000000001	B
000000010	A
000000100	Add
000001000	Sub
000010000	And
000100000	Or
001000000	Not A