





ALU operation summary

0000	B
0001	ZERO
0010	FF
0011	ZERO
0100	CRY
0101	TOP
0110	FF
0111	ZERO
1000	ADD
1001	OVF
1010	NAND
1011	REV
1100	CRY1
1101	OVF1
1110	NAND
1111	REV

B+1 if A=255, else B
1, if A=255 and B=255

(A+B) mod 255
1, if A+B>255
A NAND B
revert bit order of A
A+B+1 if A=255, else A+B
1, if A+B+1>255

Sheet: /BreadBinCPU/ALU/
File: ALU.sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad (5.0.0)

Rev:
Id: 3/3