

ALU DECODER TABLE:

NAME	FUNCTION	OP	ALUCODE
beq (Branch equal)	011	XX	110
slt (Set less than)	100	XX	111
not (Bitwise not)	110	11	101
add (Signed addition)	010	XX	000
xor (Bitwise xor)	111	01	001
slr (Logical shift right)	110	XX	011
and (Bitwise and with 1)	110	00	010