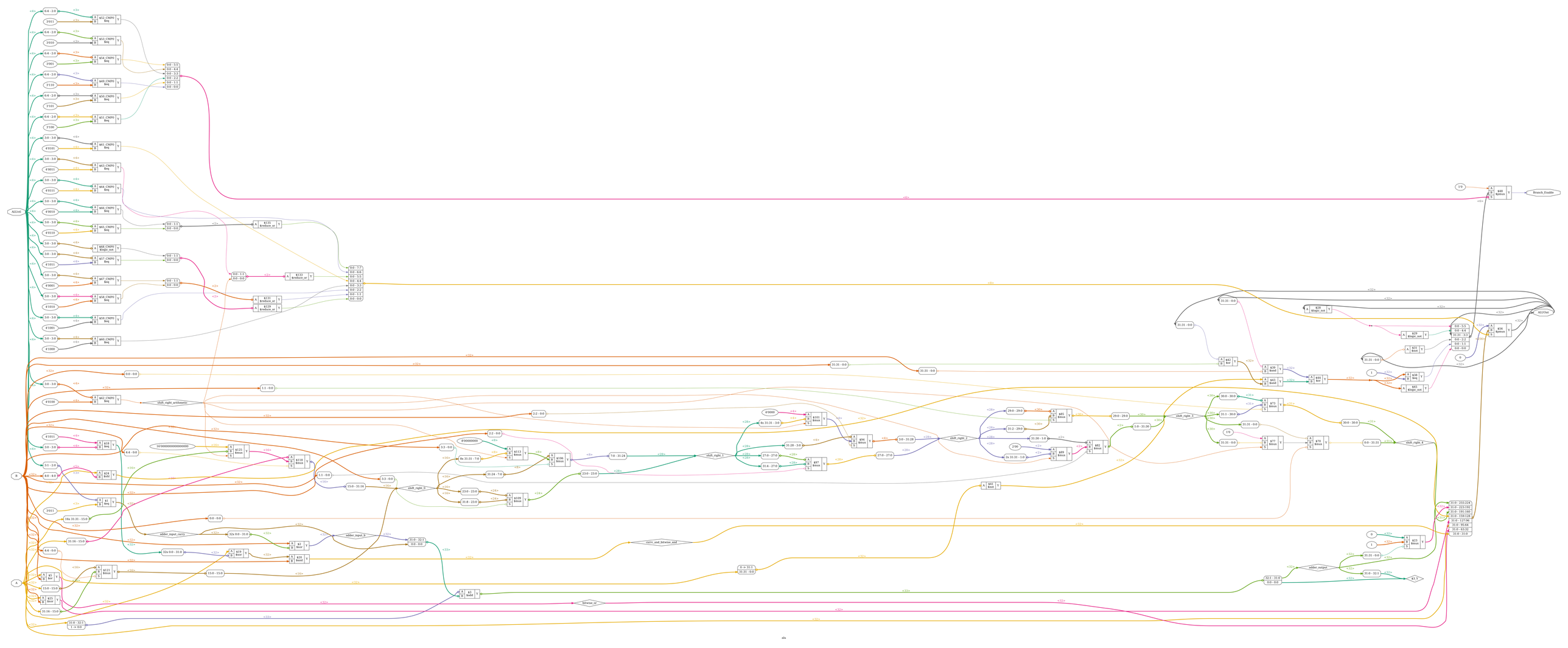
ALUctl
A
B
shift_right_arithmetic
adder_input_carry
adder_input_b
curry_and_bitwise_and
bitwise_or
adder_output
shift_right_0
shift_right_1
shift_right_2
shift_right_3
shift_right_4
Branch_Enable
ALUOut
alu