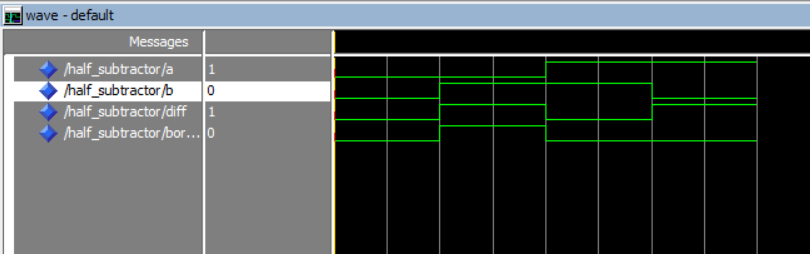
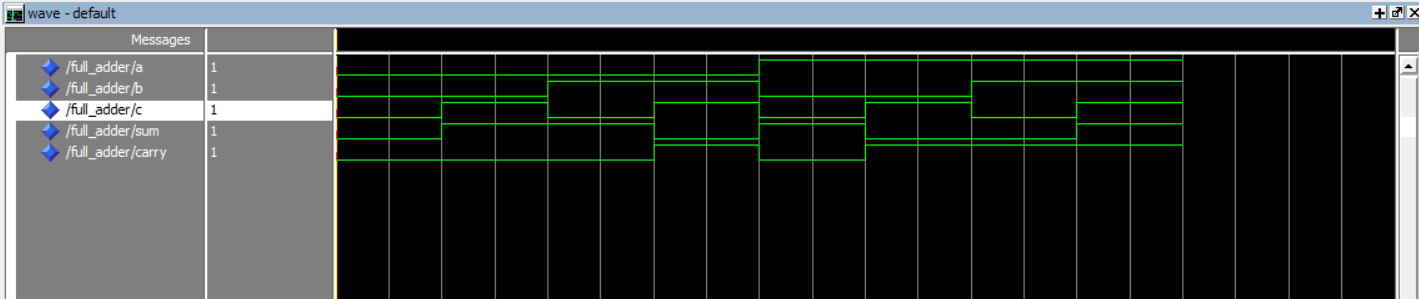
# ADDER & SUBTRACTOR

## Half Adder

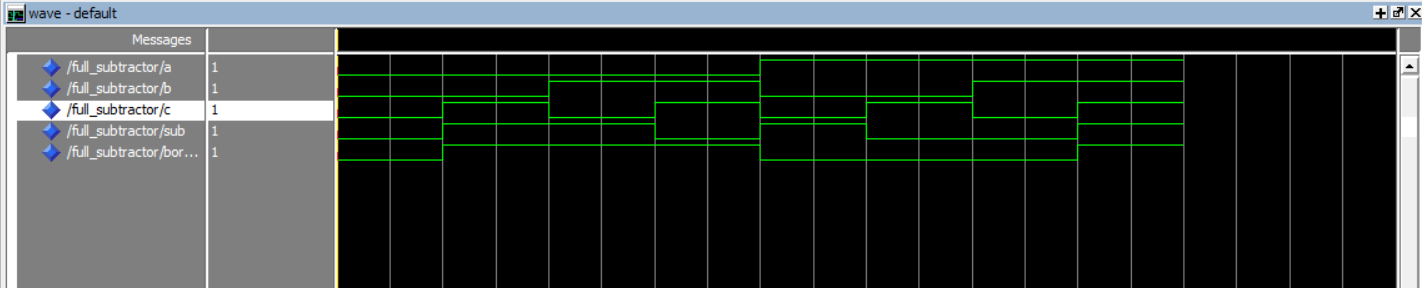
## Half Subtractor



## Full Adder

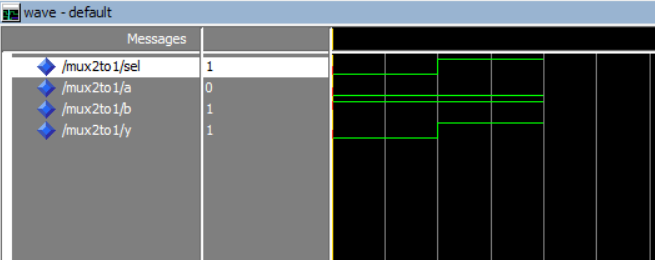


## Full Subtractor

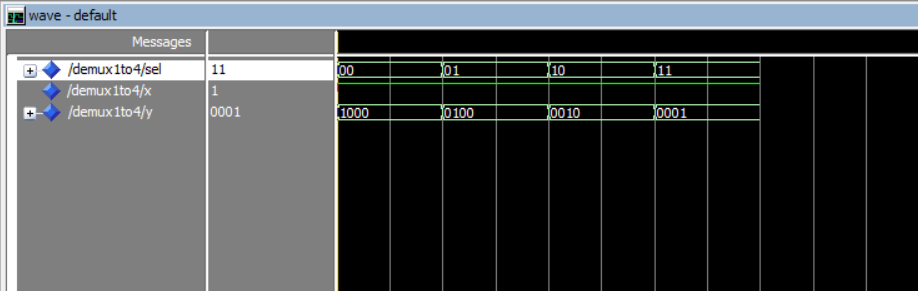


# MUX & DEMUX

## 2:1 MUX

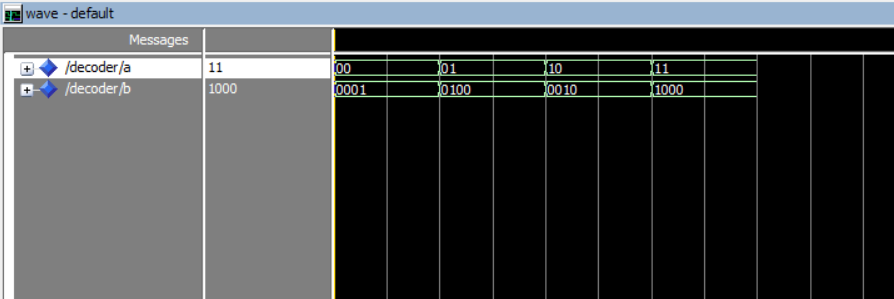


## 1:4 DEMUX



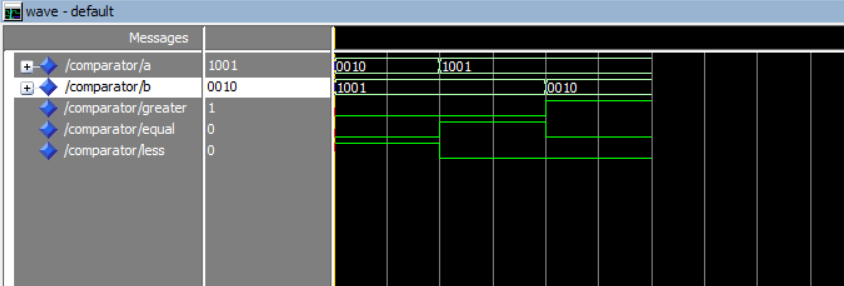
# CODERS

## DECODER



## ENCODER

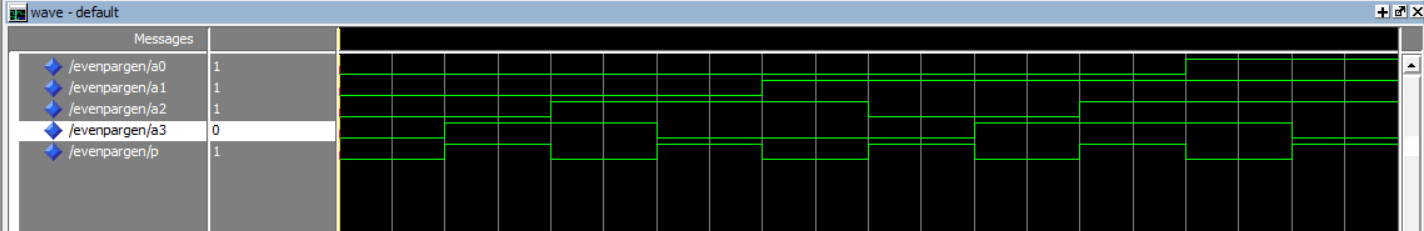
## COMPARATOR



# PARITY

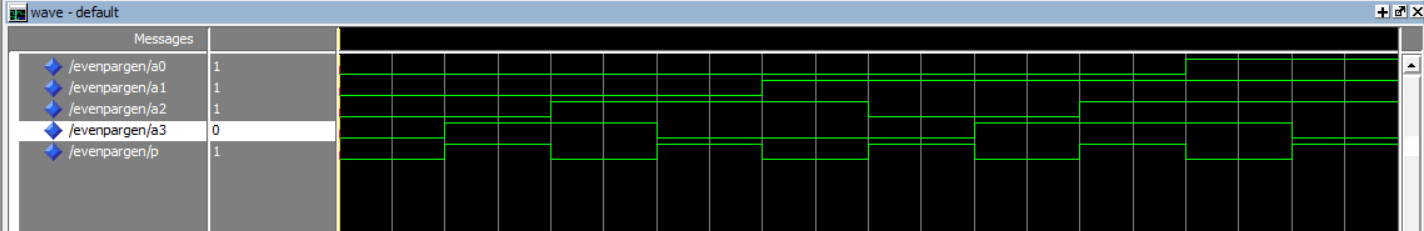
## PARITY ENCODER



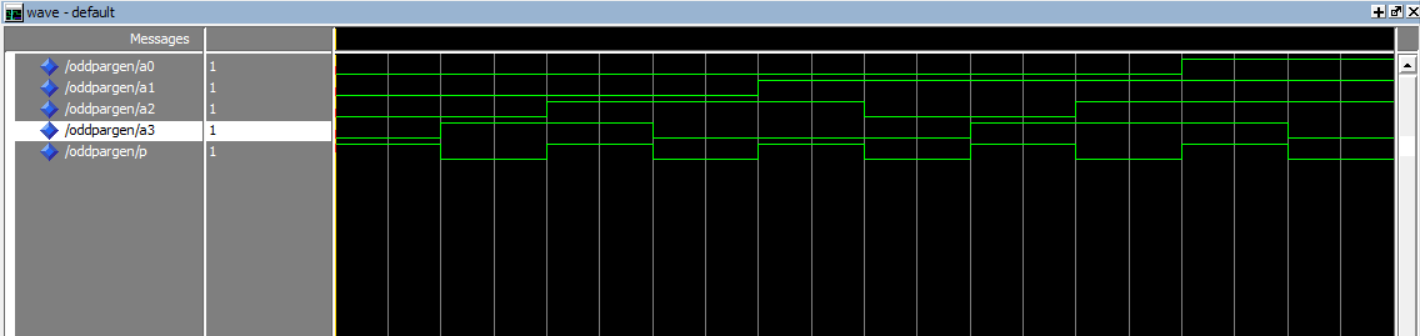
EVEN PARITY GENERATOR  


## ODD PARITY GENERATOR

## EVEN PARITY CHECKER

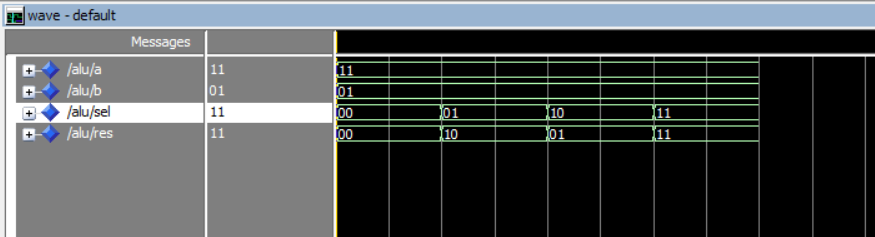


## ODD PARITY CHECKER

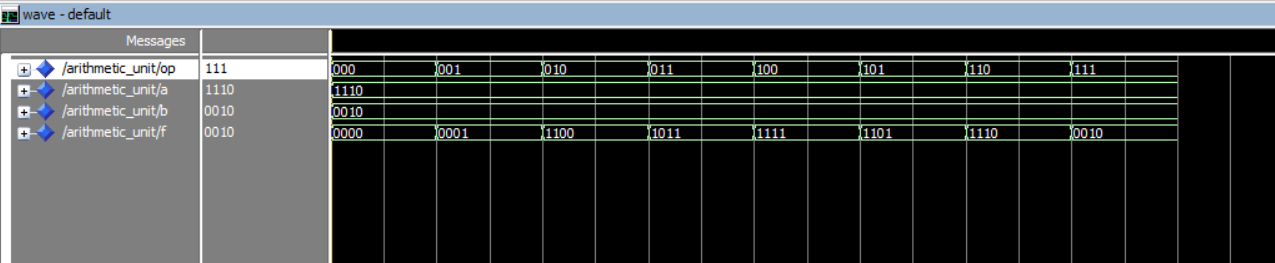


# CPU

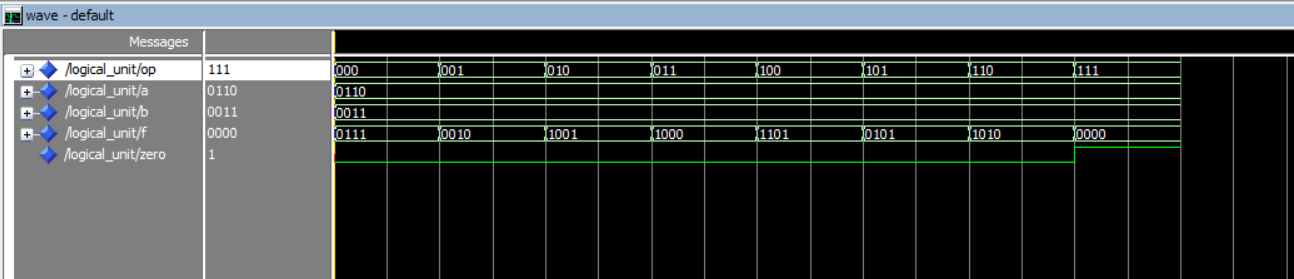
## ALU



## ARITHMETIC UNIT



## LOGICAL UNIT



# RAM

