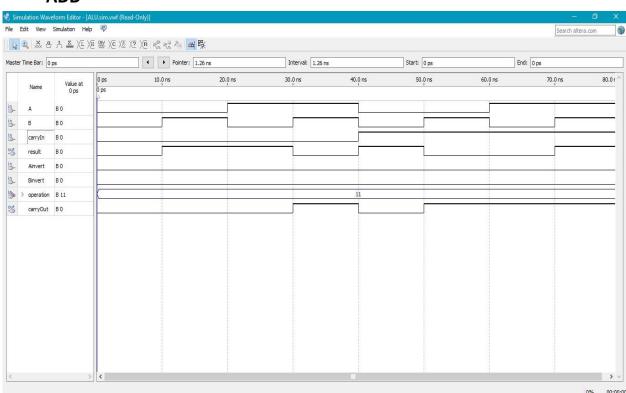
Στοιχεία μελών

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1-bit ALU Waveforms

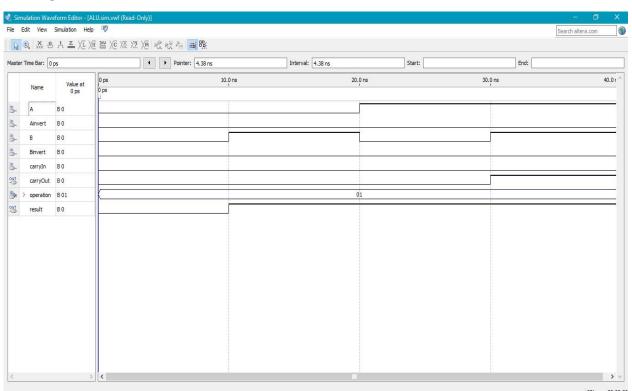
ADD



Simulation Waveform Editor - [ALU.sim.vwf (Read-Only)]

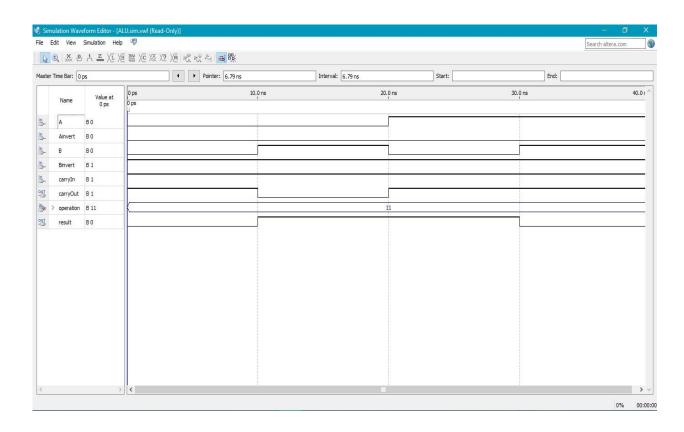
File Edit View Simulation Help □ □ □ ※ □ ↑ Z / □ Ⅲ / □ Ⅲ / □ № / □ № / □ № / □ № / □ № / □ № / □ № / □ № / □ ■ № / □ № / □ ■ № / Master Time Bar: 0 ps Pointer: 12.74 ns Interval: 12.74 ns Start: End: 10.0 ns 20.0 ns 30.0 ns Name Value at 0 ps Ainvert B 0 in in in it В 0 Binvert B 0 carryIn B 0 carryOut B 0 > operation B 00 out result B 0

• OR

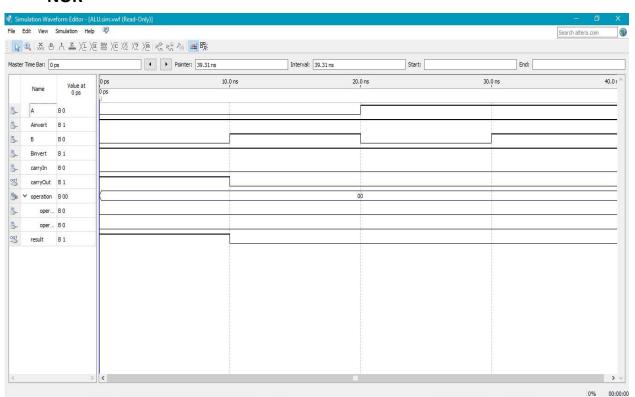


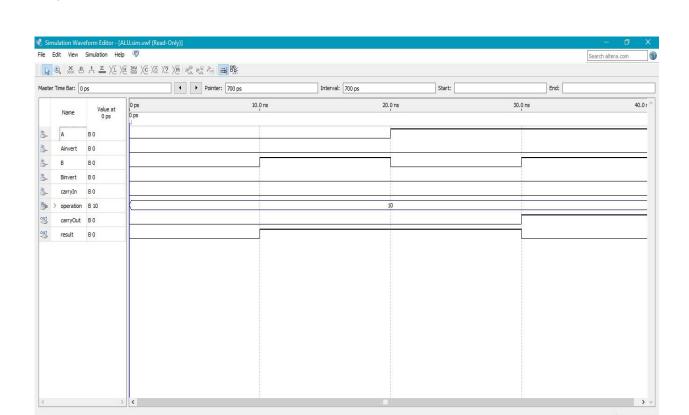
SUB

•



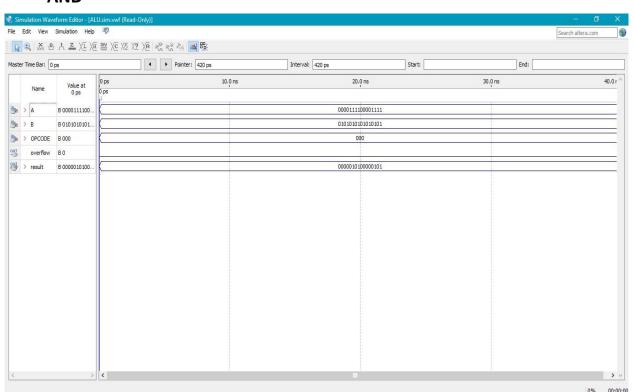
NOR





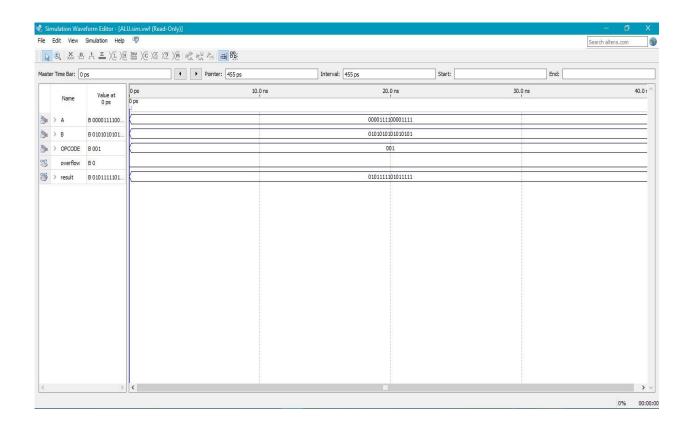
16-Bit ALU Waveforms

AND

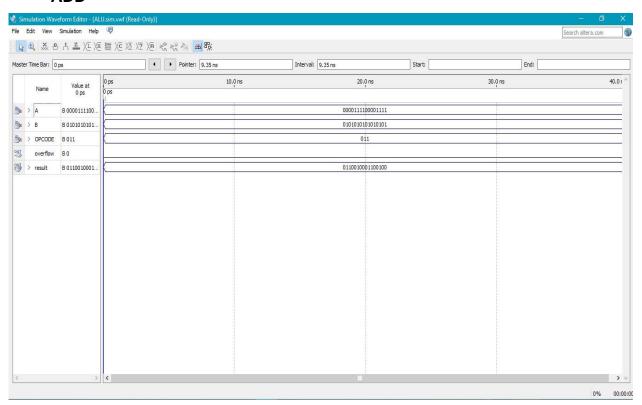


OR

•



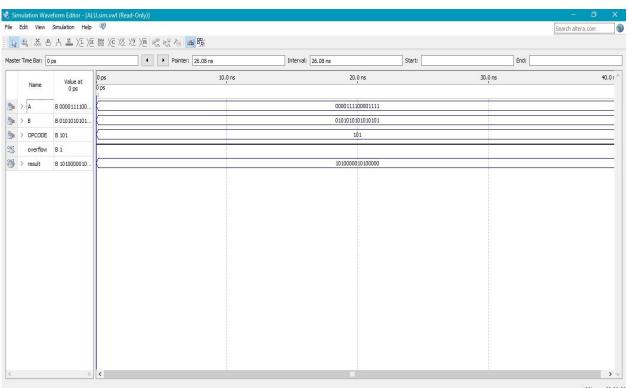
ADD



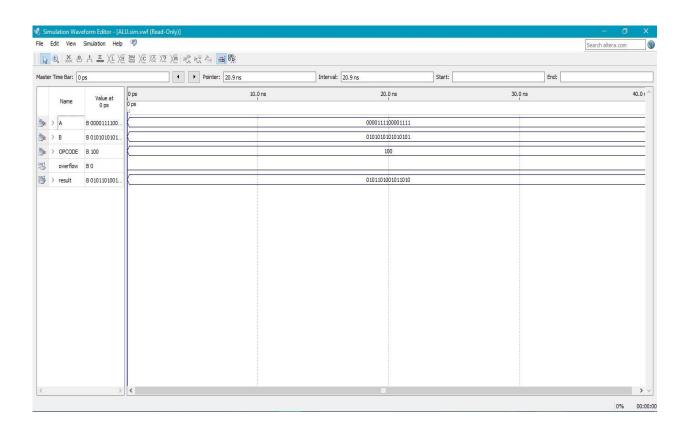
Simulation Waveform Editor - [ALU.sim.vwf (Read-Only)]

File Edit View Simulation Help 🖃 Master Time Bar: 0 ps ◆ Pointer: 36.51 ns Interval: 36.51 ns Start: End: 10.0 ns 20.0 ns Value at 0 ps B 0000111100... 0000111100001111 0101010101010101 <u>₿</u> > B B 0101010101... ⇒ > OPCODE B 010 010 overflow B 0 → result B 1011100110... 1011100110111010

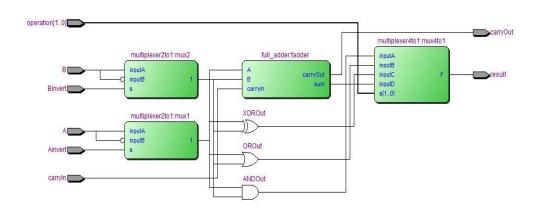
NOR



XOR



1-Bit ALU RTL Diagram



•

16-Bit ALU RTL Diagram

