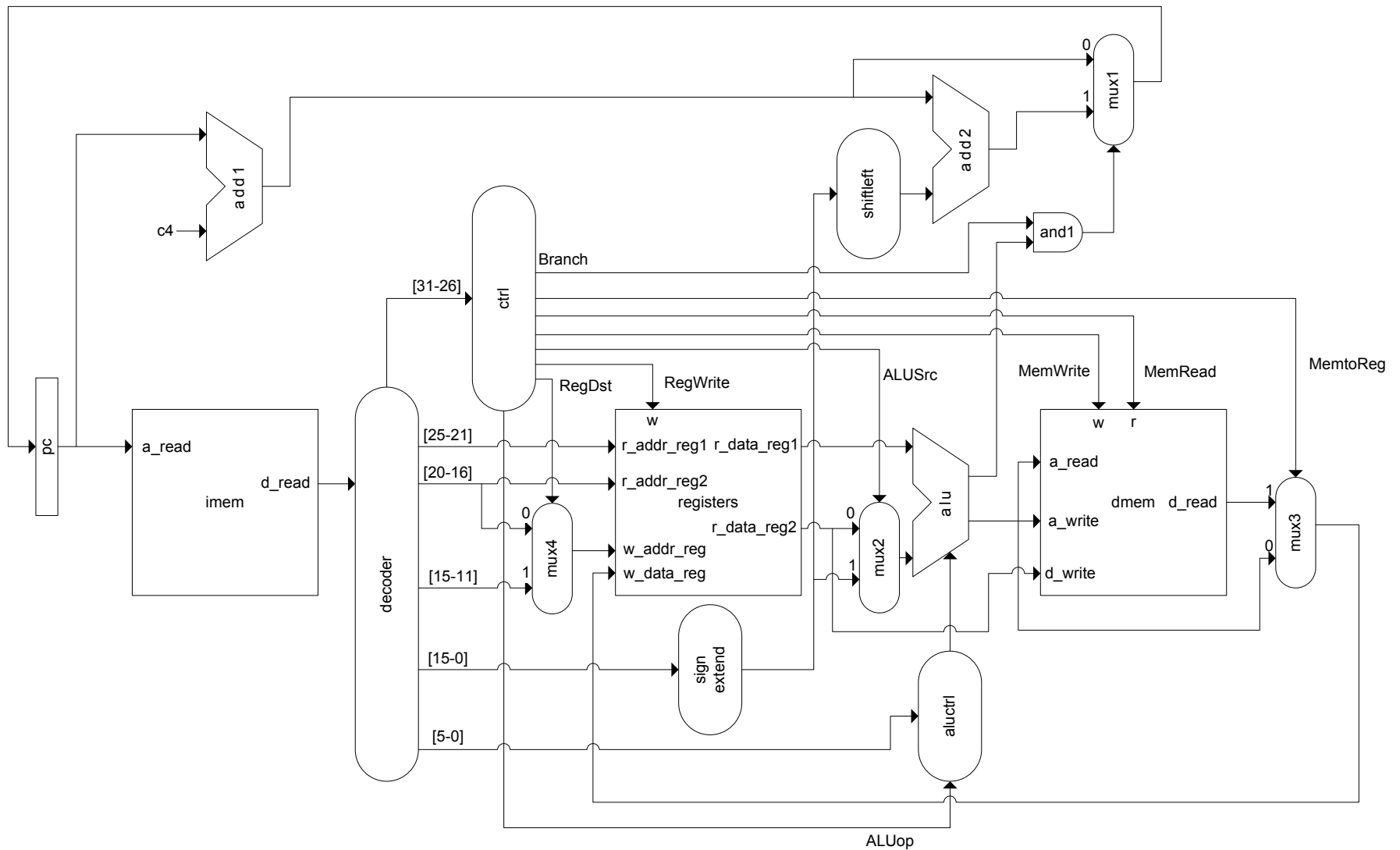


# Modelleren en simuleren van de multi-cycle mini-mini MIPS processor

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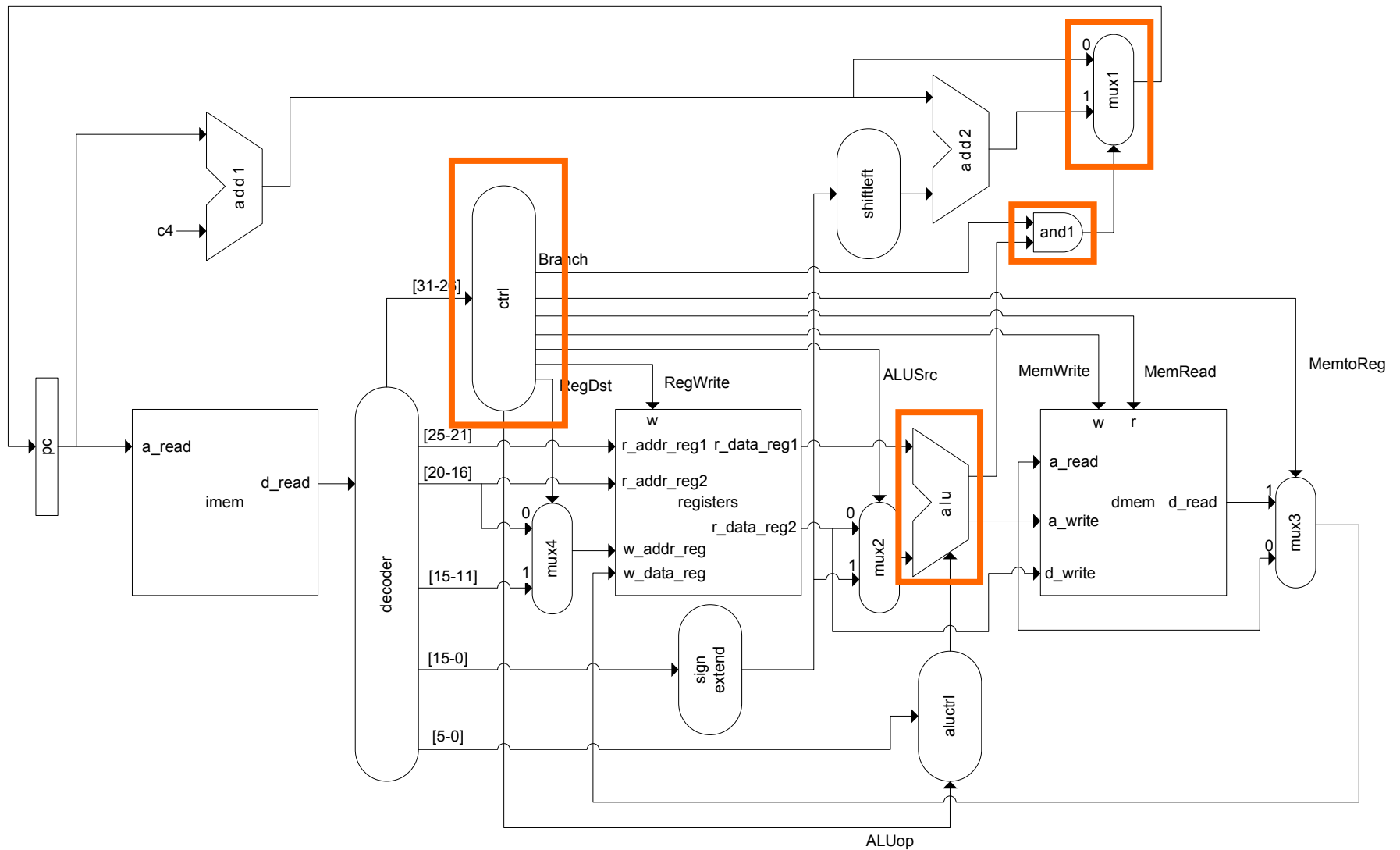


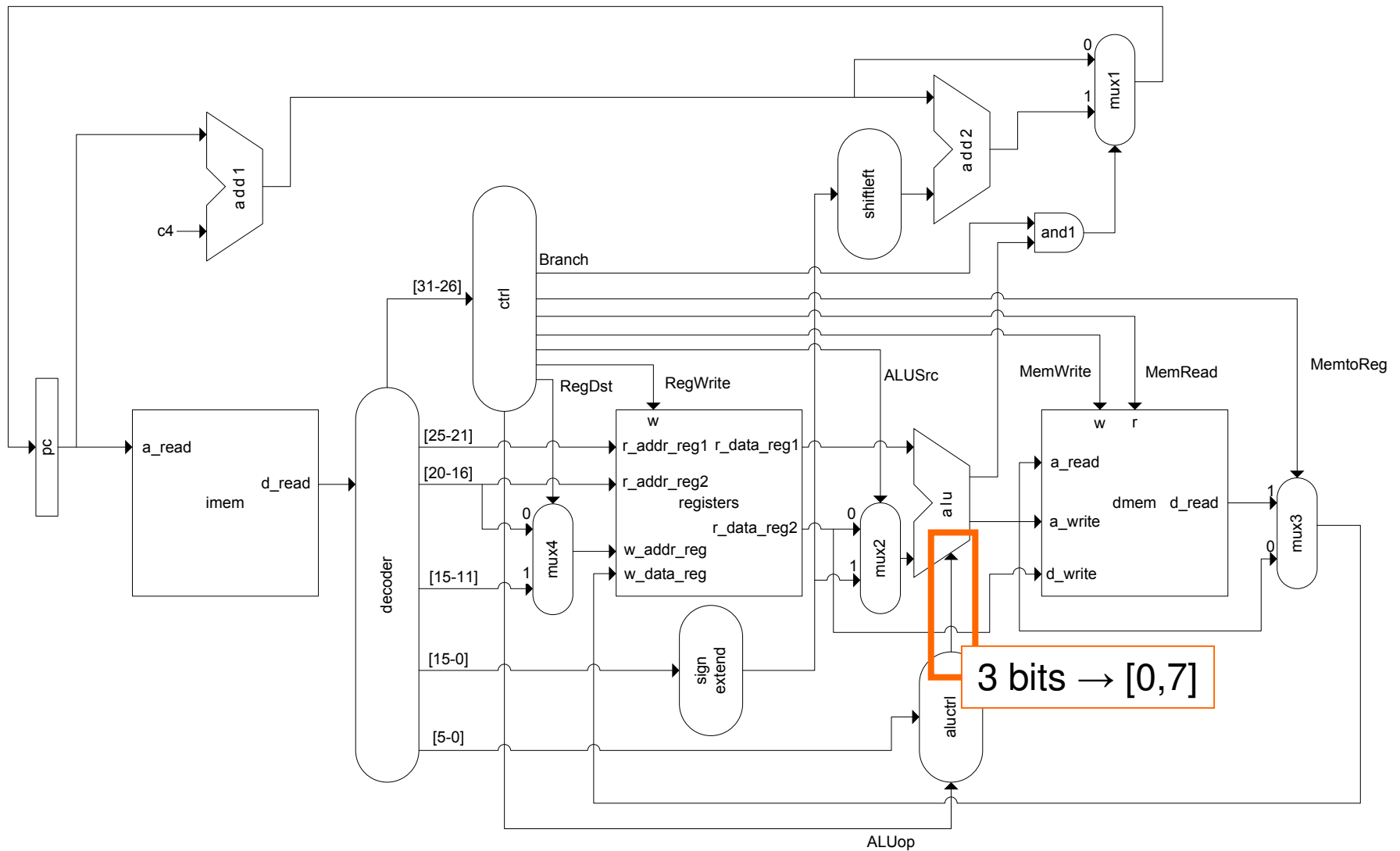
The image shows a debugging environment with three windows:

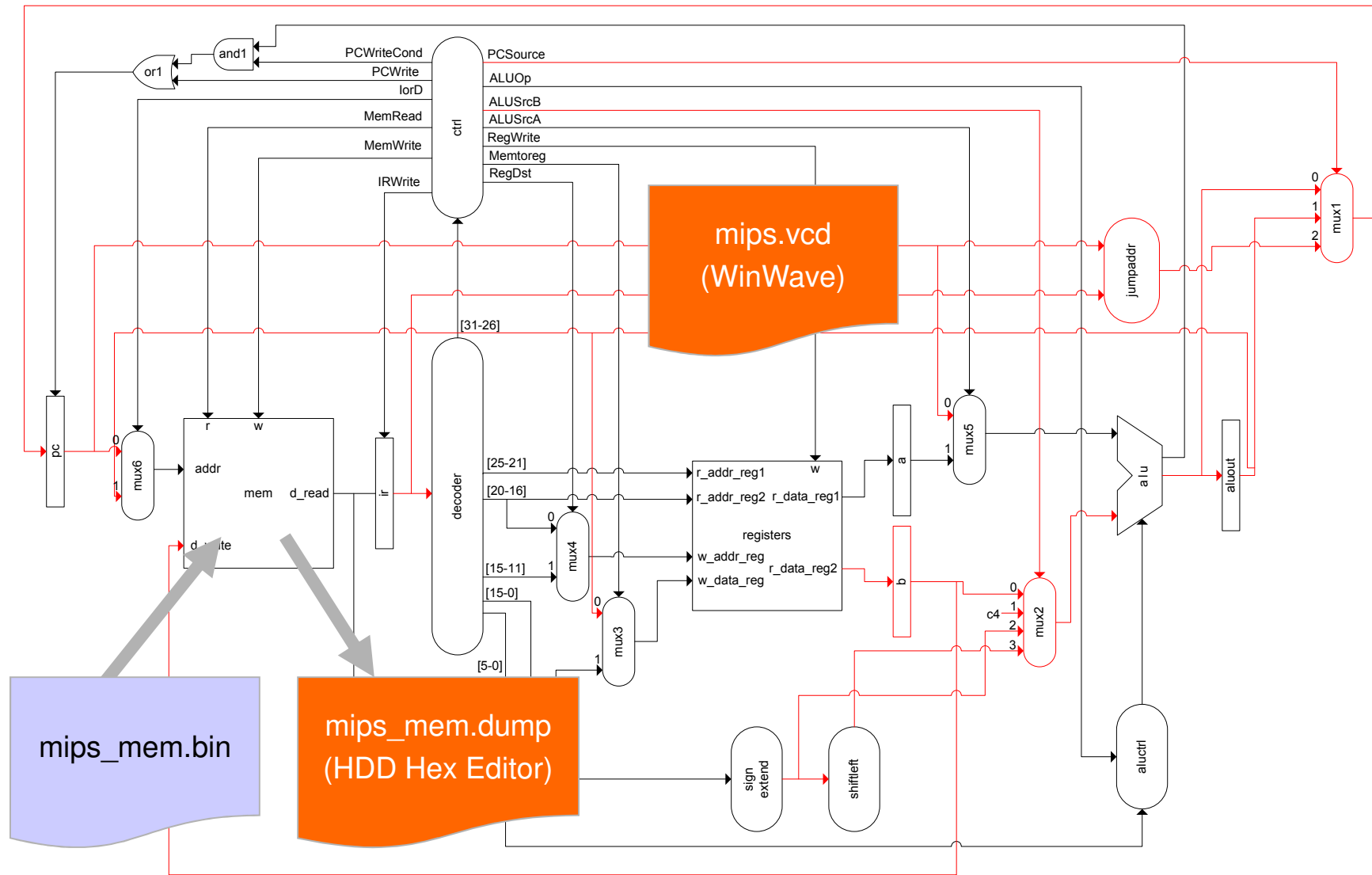
- Terminal:** Shows the command `$ disas mips_rom.bin` and the disassembly output for the `.data` section. The instruction `10: ac10000c sw s0,12(zero)` is highlighted with an orange box.
- Hex Editor:** Shows the memory contents of `mips_rom.bin`. The address `00000010` contains the value `ac 10 00 0c`, which is highlighted with an orange box.
- GTKWave:** Shows a VCD waveform. The memory location `$AC10000C` is highlighted with an orange box, and an arrow points from the terminal instruction to this location in the waveform.

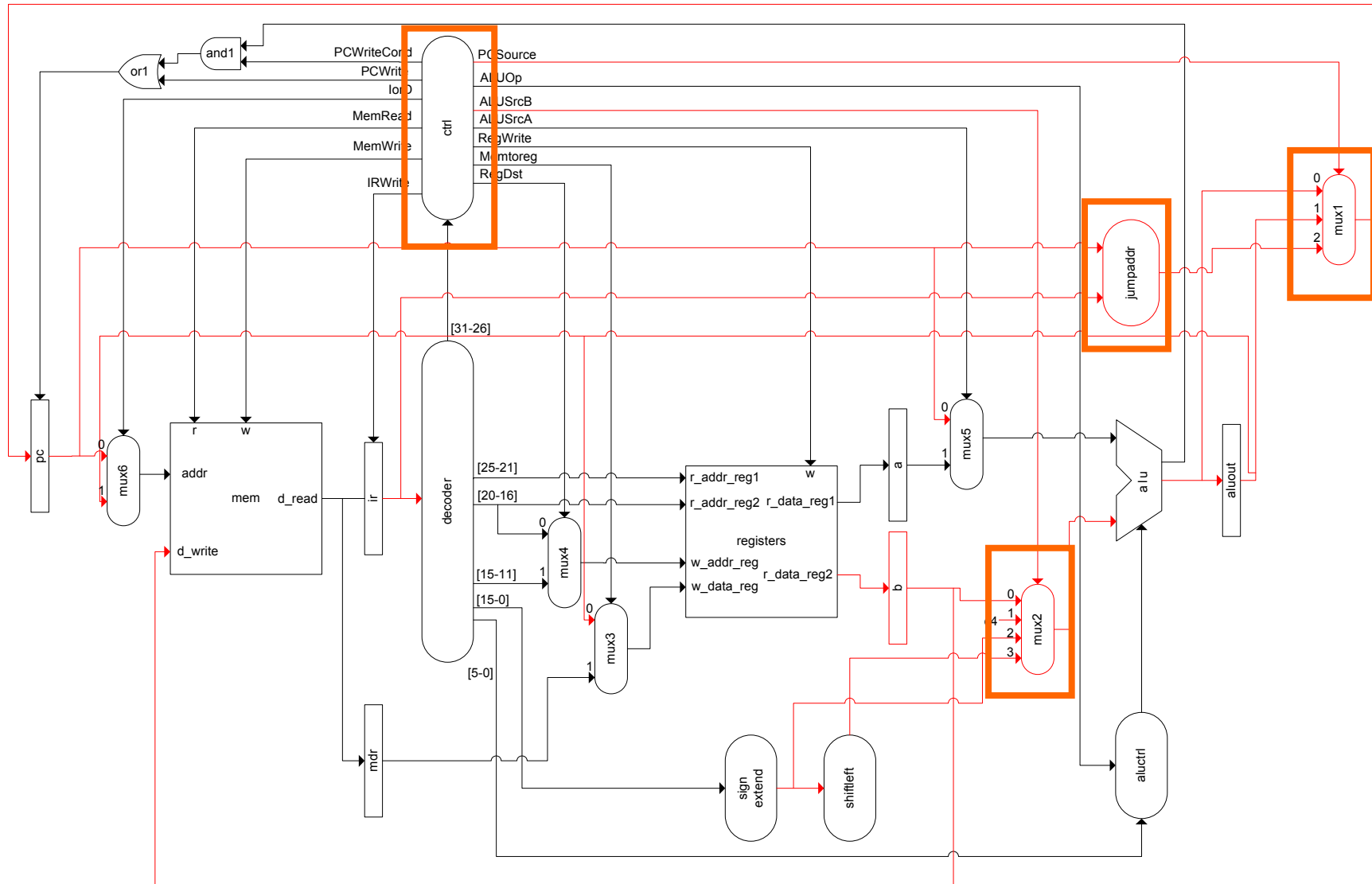
The waveform shows the memory location `$AC10000C` containing the value `$00000000` at the time of the instruction execution.

1. Kies een module van waaruit je gaat zoeken
2. Zijn de ingangswaard(en) correct?
  - Nee, ga naar stap 1 en herhaal het stappen plan met de module die het verkeerde signaal produceert.
  - Ja, ga naar stap 3
3. Zijn de uitgangswaard(en) correct?
  - Nee, er zit een fout in de module. Bekijk de code van deze module.
  - Ja, ga naar stap 1 en herhaal het stappen plan met de module waarop het uitgangssignaal is aangesloten.











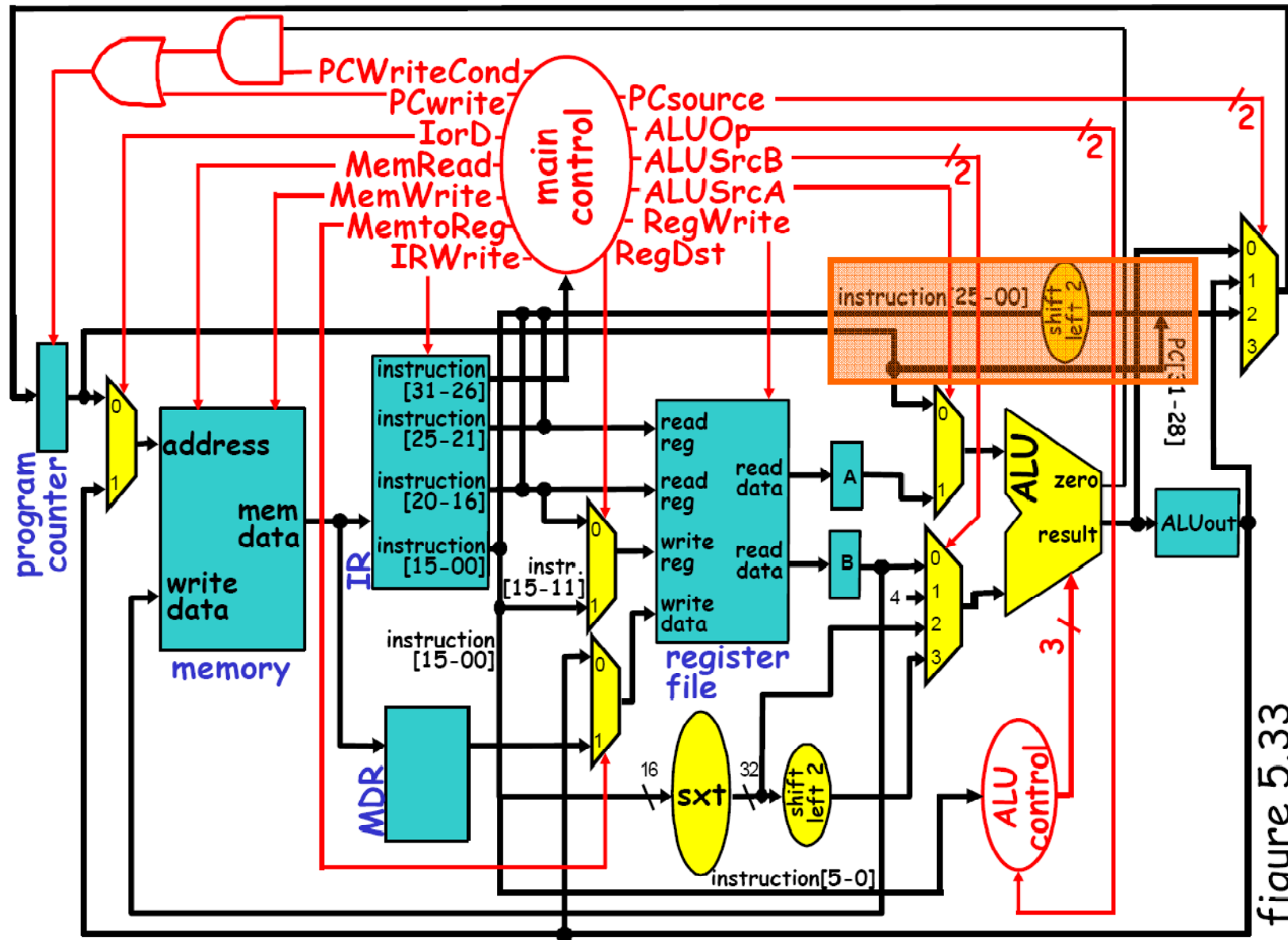


figure 5.33