

architecture structural of control-unit is

...

begin

process (clock, reset) is

if reset = '1' then

* Joga no fetch

elif mem_enable = '1' and mem_busy = '0' then

if mem_we = '1'

* Operações de escrita

elif mem_we = '0' and mem_busy = '0' then

* Operações sem escrita

end if;

end if;

end process;

with hited select

*_en <= '0' when '1',
'1' when others;

?

end architecture structural;

signals:

IM_star;

mem_addr_src = '1'

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alu_b_src = "00"
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$$alu_op = 110011$$

pc-en = '1'

pc_src = '0'

