

**1** clk 🖺 reset ₩ step\_en 🔏 ack\_n

<mark>1</mark> wr\_n las\_n d[31:0]

mao[31:0] mdo[31:0]

mao[31:0]

**md**r[31:0]

d[31:0]

aluf[2:0]

do[31:0]

din[31:0]

**rd[4:0]** 

**i** rs1[4:0]

**3** rs2[4:0]

rega[31:0]

regb[31:0]

pc[31:0]