

- r
- clk
- a[1:4,1:4]
- [1,1:4]
- [2,1:4]
- [3,1:4]
- [4,1:4]
- b[1:4,1:4]
- [1,1:4]
- [2,1:4]
- [3,1:4]
- [4,1:4]
- c[1:4,1:4]
- [1,1:4]
- [2,1:4]
- [3,1:4]
- [4,1:4]
- ready
- a_inner[1:4,1:4]
- b_inner[1:4,1:4]
- c_result[1:4,1:4]
- counter[4:0]

