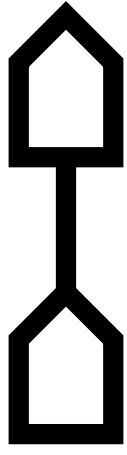


state\_in[127:0]  state\_out[127:0]