

```
module seq-circuit (
      input 15th
      input CKS
      input a)
      input bo
      cytout yo
      5 tugtuo
  );
      wire [3:0] w;
       wire apt, abs:
       and $10 91(w[0], pogpa);
            (([0]w, p.([1]w) 80 01#
       na #10 gs (w[x] , w[t], qp1);
        (189p ed e [8] w) +p or $ bon
         dflop-negedge ga (. din [w]) . ck(ck), . rs+ (rs+), qout(y), qbowApT
                         ga ( · din (m[2]) · clk(clk) · ret(ret) · dout() · dout
           ; ([8] w. rqp.s) rp or# 10
module diflop-negedge (
      input 18ts
      input clks
            dins
      input
       out reg gout
       output about
      always @ (negedge clk or posedge 18+)
         #5
          begin
             :$(18/ == 1'b1)
                  quo+ (=1'b7;
              else
                 quat L= dins
          end
            assign about = ~ qout;
        end module
```