

In-ports  
 $\mathbf{d}$

Comb.  
Process  
 $\mathbf{q}_{cn} = f(\mathbf{d}, \mathbf{r})$

$\mathbf{rin}$

Seq.  
Process

$\mathbf{q}_c$  Out-port

Clk

$\mathbf{r}$

