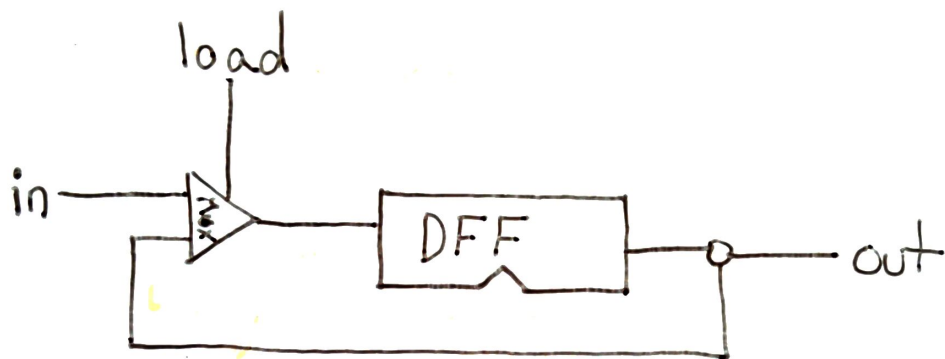


# Chip Name : Bit (Binary Cell)

Inputs : in, load

Outputs : out

Function : if  $\text{load}(t-1)$  then  $\text{out}(t) = \text{in}(t-1)$   
else  $\text{out}(t) = \text{out}(t-1)$



Note, function of DFF:  $\text{out}(t) = \text{in}(t-1)$