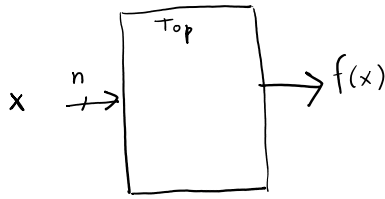
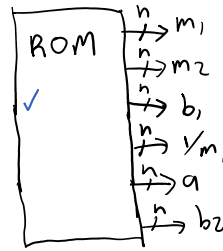


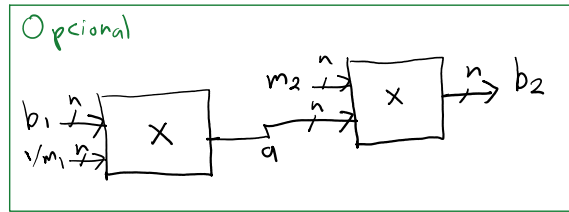
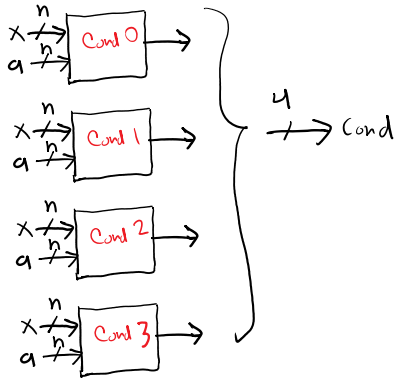
$n=32$



$$f(x) = \begin{cases} m_1x + b_1 & \text{if } x \leq -a < 0, \text{ Cond 0} \\ m_2x + b_2 & \text{if } -a < x < 0, \text{ Cond 1} \\ m_2x - b_2 & \text{if } 0 \leq x < a, \text{ Cond 2} \\ m_1x - b_1 & \text{if } x \geq a, \text{ Cond 3} \end{cases}$$



(SCM)
Single Constant Multiplier
 $a = b_1 \cdot \frac{1}{m_1}$
 $b_2 = \frac{b_1}{m_1}, m_2 = a \cdot m_2$



Cond		Sel
0001	Codificador	00
0010		01
0100		10
1000		11

