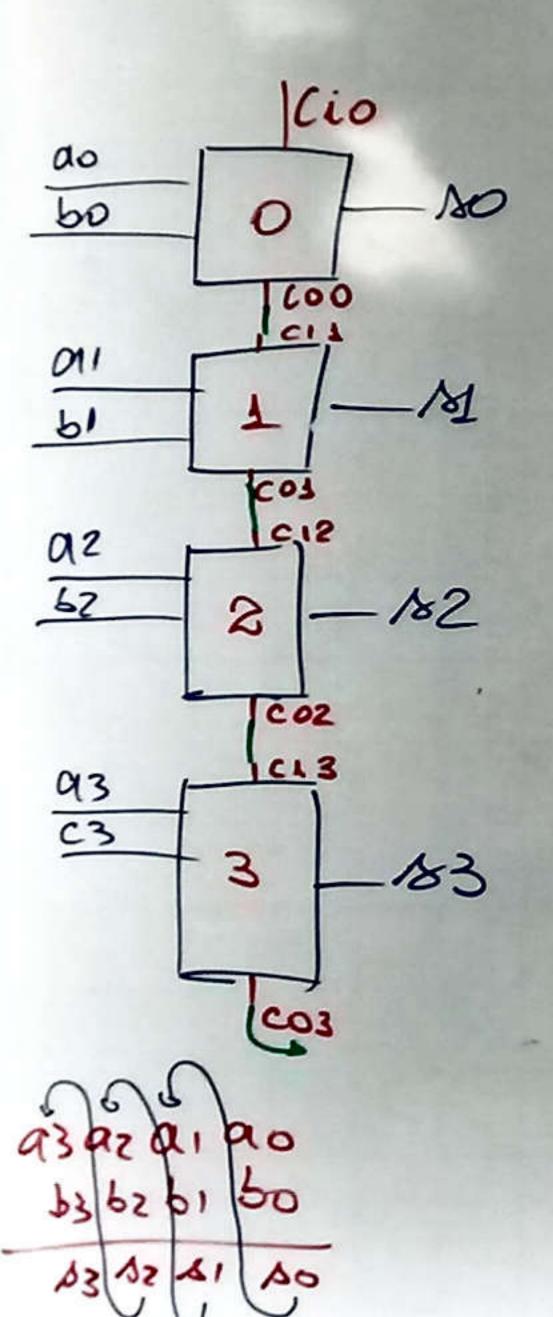
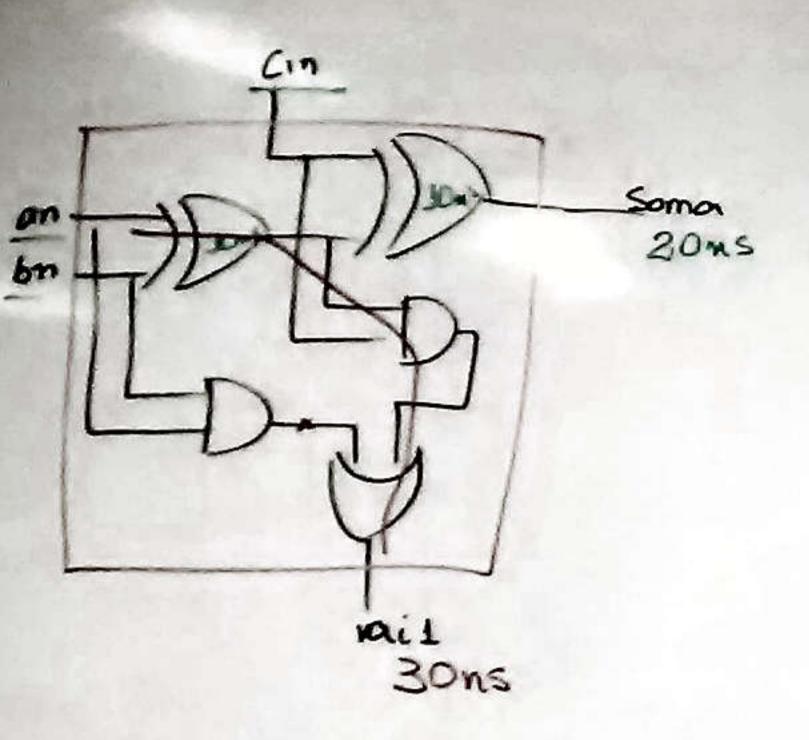


= 100 × 10 Hz --- 100 MHE



on= an. bn. Cin+ an. bn. cin+ an. bn. cin + an. bn. cin
con= an. bn. cin+ an. bn. cin+ an. bn. cin + m. bn. cin



Somados 4 bik:

$$\int_{0.8 \times 10^{-7}}^{100 \times 10^{-9}} \frac{1}{120 \times 10^{-9}} = \frac{1}{120 \times 10^{-7}}$$

$$= \frac{1}{12 \times 10^{-7}}$$

$$= 0.8 \times 10^{7} = 8 \times 10^{6} \text{ Hz}$$

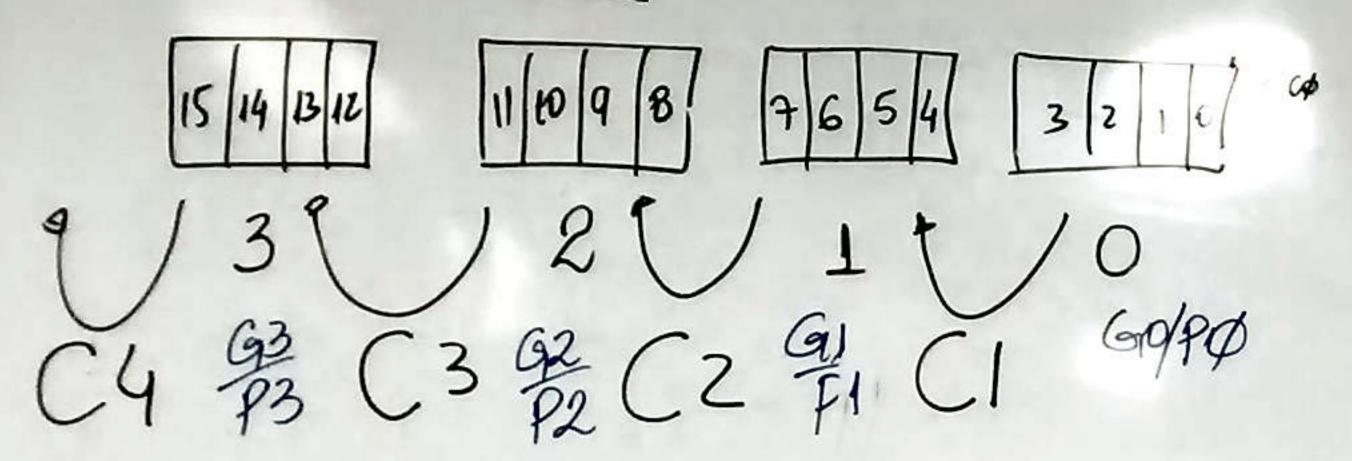
$$= 8 \text{ MHz}$$

Con= an bn cin+ an bn cin+ an bn cin + an bn cin+an bn cin+an bn cin = bn.cin (an+an) + an.cin(bn+bn) + an-bn(cin+cin) Con= an.bn+ an.cin+bn.cin COφ = aφ. bφ + aφ. ciφ + bφ. ciφ Cil-Cop CO1= a1.61+ a1. Cis+ 61. Cis COL= as.b1 + a1.ap.bp + a1.ap.cip + a1.bpcip b1.ap.bp + b1.ap.cip + b1.bpcip COZ = az.b2+az.ciz+bz.ciz ci2: COL Coz: a2 b2 + a2. ( ..... ) + b2. ( ..... ) -183 CO3= { (ip, aga, 92,93, 60,61,62,63)

Cio

Come an. bn. cin + an. bn. cin

29. abstracque => 16 bits



$$P\phi = p_3 \cdot p_2 \cdot p_1 \cdot p\phi$$
  
 $P1 = p_7 \cdot p_6 \cdot p_5 \cdot p_4$   
 $P2 = p_{11} \cdot p_{10} \cdot p_9 \cdot p_8$   
 $P3 = p_{15} \cdot p_{14} \cdot p_{13} \cdot p_{12}$ 

$$GP = 93 + p3.92 + p3.p2.91 + p3.p2.p1.99$$
 $GI = 97 + p7.96 + p7.p6.95 + p7.p6.p5.94$ 
 $G2 = 911 + p11.910 + p11.p10.99 + p11.p10.p9.98$ 
 $G3 = 915 + p15.914 + p15.p14.913 + p16.p14.p13.912$ 

$$C1 = G0 + PD \cdot c\phi$$

$$C2 = G1 + P1C1$$

$$= G1 + P1G0 + P1PD c\phi$$

$$C3 = G2 + P2.C2$$
  
=  $G2 + P261 + P2P1GØ + P2.P1.PØ.ca$ 

C4-G3+P3G2+P3.P2G1+P3.P2.P1.GØ +P3.P2.P1.PØ.cø 947A 755D

Havera vouil poura fora do num? SIM 847A 755D

29 abstracque => 16 bits

$$1 P\phi = p_3 \cdot p_2 \cdot p_1 \cdot p\phi$$

$$P 1 = p_7 \cdot p_6 \cdot p_5 \cdot p_4$$

$$P 2 = p_{11} \cdot p_{10} \cdot p_9 \cdot p_8$$

$$1 P_3 = p_{15} \cdot p_{14} \cdot p_{13} \cdot p_{12}$$

$$GP = 93 + p3.92 + p3.p2.91 + p3.p2.p1.90$$

$$GI = 97 + p7.96 + p7.p6.95 + p7.p6.p5.94$$

$$G2 = 911 + p11.910 + p11.p10.99 + p11.p10.p9.98$$

$$G3 = 915 + p15.914 + p15.p14.913 + p16.p14.p13.912$$

$$C1 = GP + PP.cp$$

$$C2 = GI + PICI$$

$$= GI + PIGP + PIPPCP$$

$$C3 = G2 + P2.C2$$
  
=  $G2 + P2G1 + P2P1GØ + P2.P1.PØ.ca$