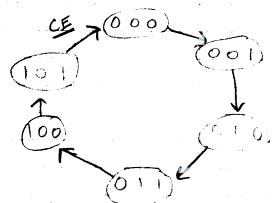
Modb Counter

Q2 9, Q0	NZ	2	No	CE
0 0 0	0	O	1	O
0 0 1	C	1	O	0
610	O	ŧ	į	( o
	1	0	0	O
100	1	0	1	0
1.01	0	0	0	\
110	O	O	0	0
1 1 1	0	0	0	0



CE= Q20100

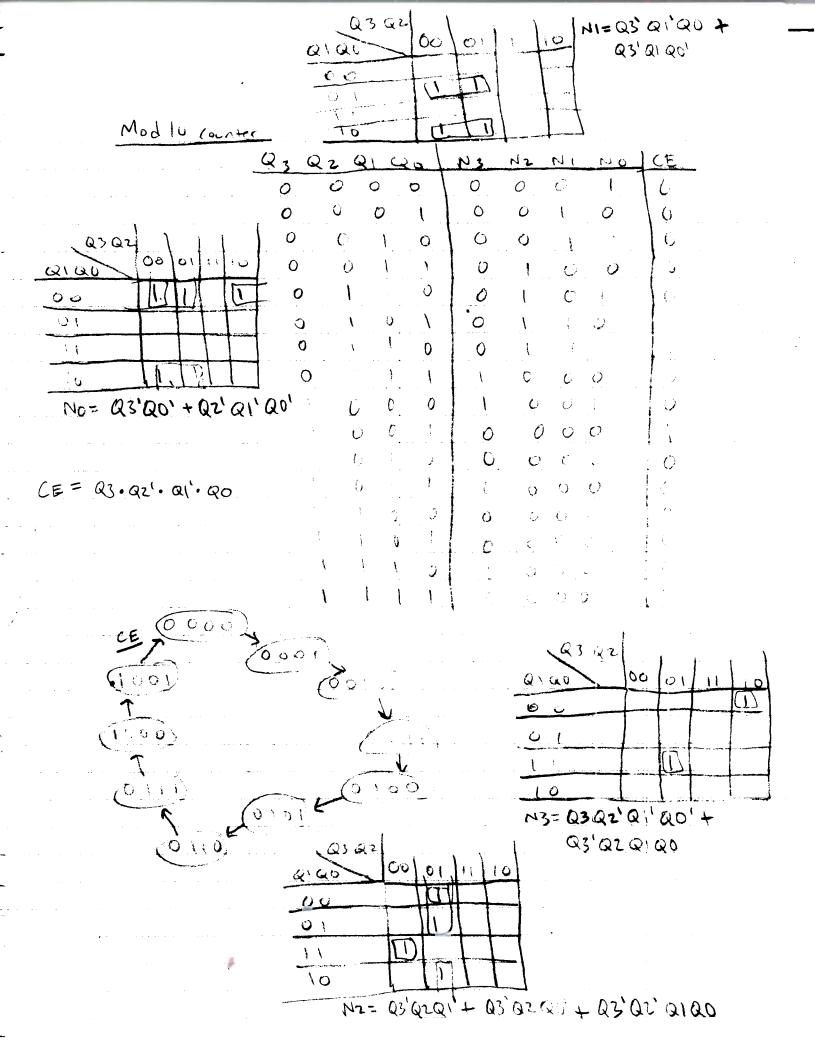
NI = Q2'Q1'Q0+Q2'G1Q0'

NZ = QZQI'QO'+ QZ'QIQO

, Q, Qo	0	
0		
0 !		
( 1		
c		

Q, Q2	0 11
0.0	
61	
· ·	
10_	

No=	21'0	0+	Rz' Q0'
Q2 Q160	0,		
00	加	D	
01		1	1
11			
10	仰		)



Calculations

Preload + 1 = 
$$\frac{50 + 10^6 \text{ hz}}{200 \text{ hz}}$$