

K-Map for segment A

		num[1] num[0]		
		00	01	11 10
num[3] num[2]	00		1	
	01	1		
	11		1	
	10			1

K-Map for segment B

		num[1] num[0]		
		00	01	11 10
num[3] num[2]	00			
	01		1	1
	11	1		1 1
	10			1

K-Map for segment C

		num[1] num[0]			
		00	01	11	10
num[3] num[2]	00				1
	01				
	11	1		1	1
	10				

K-Map for segment D

		num[1] num[0]		
		00	01	11 10
num[3] num[2]	00		1	
	01	1		1
	11			1
	10			1

K-Map for segment E

		num[1] num[0]		
		00	01	11 10
num[3] num[2]	00		1	1
	01	1	1	1
	11			
	10		1	

K-Map for segment F

		num[1] num[0]		
		00	01	11 10
num[3] num[2]	00		1	1 1
	01			1
	11		1	
	10			

K-Map for segment G

		num[1] num[0]			
		00	01	11	10
num[3] num[2]	00	1	1		
	01			1	
	11	1			
	10				