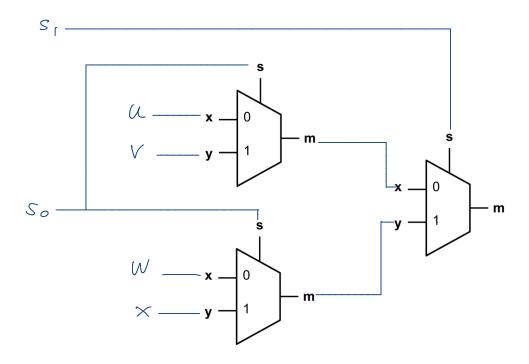
CSC258 Lab 2 Morgan Chang 1005127113

Part II

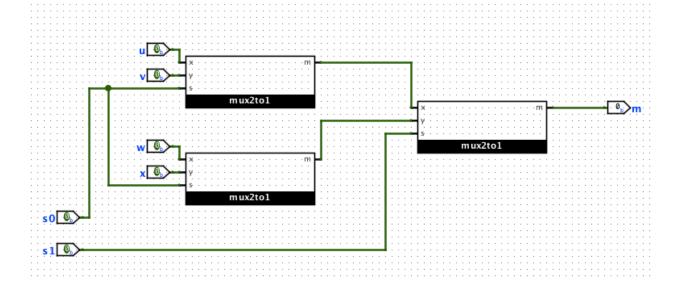
1. It would have 2^6 rows since there are 6 input variables.

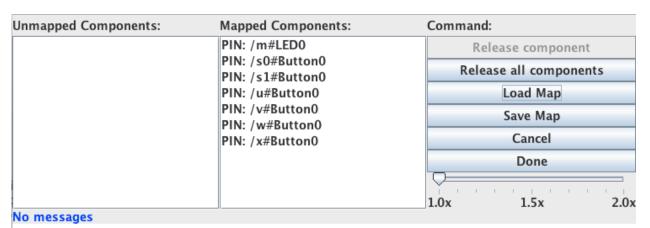
2

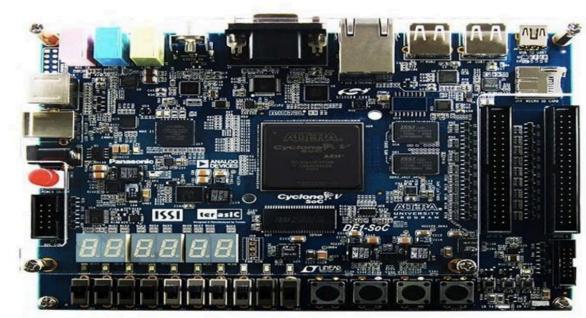
s_1s_0	\mid m
00	u
01	\mathbf{v}
10	w
11	x



3.







	C3 C2	€3 C2	C3 C2	C3 C7
G Co		0		
0,00	0		0	
GC0				0
CICO		1	$\left(\prod_{i=1}^{n} \left(\prod_{j=1}^{n} \left(\prod_{i=1}^{n} \left(\prod_{j=1}^{n} \prod_{j=1}^{n} \left(\prod_{j=1}^{n} \prod$	

Segment 1

	C3 C2	C3 C2	C3 C2	C3 C7
CICO		1	0	
CICO	1	Ò		
C ₁ C ₀			0	0
CICO		0	0	J

$$\begin{array}{c}
\overline{C_3C_2} \\
\overline{C_3C_2C_1} \\
\overline{C_3C_2C_1}
\end{array}$$

$$\begin{array}{c}
\overline{C_2C_1} \\
\overline{C_2C_2} \\
\overline{C_1C_0C_2} \\
\overline{C_1C_0C_3}
\end{array}$$

$$\begin{array}{c}
\overline{C_1C_0C_3} \\
\overline{C_1C_0C_3}
\end{array}$$

$$\begin{array}{c}
\overline{C_1C_0C_3} \\
\overline{C_1C_0C_3}
\end{array}$$
Segment $1 = \overline{C_3C_2} + \overline{C_2C_1} + \overline{C_1C_0C_3} + \overline{C_1C_0C_3}$

+ 9603+ 9600

	C3C2	C3 C2	C3 C2	C3 C2
G.C.	10	1	0 C	8
CICO		1 5	1 d	4
G Co	1 3	177	OF	1 6
CICO	0 2	1 6	0 8	A 1

Segment 2 = C3 C2+ C3 C2+ C3 C2 C0+ C2 C4+ C7 C2 Co

Segment 3

	C3 C2	C3 C2	C3 C2	C3 C2
G Co		0		
CICO	0			0
C ₁ C ₀		0	0	
CICO				0

Segment 3= 9 Co Cz + 9 Co Cz + 0, Co Cz

	C3 C2	C3 C2	C3 C2	C3 C2
CICO		0		
CICO	0	0		0
C ₁ C ₀	0	0	T.	(
Cy Co				

	C3 C2	C3 C2	C3 C2	C3 C2
G.C.	1 0	1 4	1 C	8
CICO	0 1	1 5	0 d	1 9
CICO	0 3	0 7		1 6
CICO	0 2	(6	NE	LIA

	C3 C2		Cz C2		C3 C2		C3 C2	
G.C.	0	0		4	6	C		8
CICO	0	1		3	ſ	d	1	9
CICO		3	0	7	1	F	1) b
Cy Co		2	ſ	6	1	6	W.	A

Segment 6 = 9 Co + C3 C0 + C3 C2 C4 + C3 C2 C4 + C3 C2

3. Segment 0

Passed: 16 Failed: 0						
status	c3	c2	cl	c 0	m	
pass	0	0	0	0	1	
pass	0	0	0	1	0	
pass	0	0	1	0	1	
pass	0	0	1	1	1	
pass	0	1	0	0	0	
pass	0	1	0	1	1	
pass	0	1	1	0	1	
pass	0	1	1	1	1	
pass	1	0	0	0	1	
pass	1	0	0	1	1	
pass	1	0	1	0	1	
pass	1	0	1	1	0	
pass	1	1	0	0	1	
pass	1	1	0	1	0	
pass	1	1	1	0	1	
pass	1	1	1	1	1	

Passed: 0 Failed: 0						
status	e3	c2	cl	c 0	m	
	0	0	0	0	1	
	0	0	0	1	1	
	0	0	1	0	1	
	0	0	1	1	1	
	0	1	0	0	1	
	0	1	0	1	0	
	0	1	1	0	0	
	0	1	1	1	1	
	1	0	0	0	1	
	1	0	0	1	1	
	1	0	1	0	1	
	1	0	1	1	0	
	1	1	0	0	0	
	1	1	0	1	1	
	1	1	1	0	0	
	1	1	1	1	0	

Passed: 16 Failed: 0					
status	c3	c2	cl	c 0	m
pass	0	0	0	0	1
pass	0	0	0	1	1
pass	0	0	1	0	0
pass	0	0	1	1	1
pass	0	1	0	0	1
pass	0	1	0	1	1
pass	0	1	1	0	1
pass	0	1	1	1	1
pass	1	0	0	0	1
pass	1	0	0	1	1
pass	1	0	1	0	1
pass	1	0	1	1	1
pass	1	1	0	0	0
pass	1	1	0	1	1
pass	1	1	1	0	0
pass	1	1	1	1	0

Passed: 16 Failed: 0						
status	c3	c2	cl	c0	m	
pass	0	0	0	0	1	
pass	0	0	0	1	0	
pass	0	0	1	0	1	
pass	0	0	1	1	1	
pass	0	1	0	0	0	
pass	0	1	0	1	1	
pass	0	1	1	0	1	
pass	0	1	1	1	0	
pass	1	0	0	0	1	
pass	1	0	0	1	0	
pass	1	0	1	0	0	
pass	1	0	1	1	1	
pass	1	1	0	0	1	
pass	1	1	0	1	1	
pass	1	1	1	0	1	
pass	1	1	1	1	0	

Segment 4

Passed: 16 Failed: 0								
status	e3	c2	cl	c 0	m			
pass	0	0	0	0	1			
pass	0	0	0	1	0			
pass	0	0	1	0	1			
pass	0	0	1	1	0			
pass	0	1	0	0	0			
pass	0	1	0	1	0			
pass	0	1	1	0	1			
pass	0	1	1	1	0			
pass	1	0	0	0	1			
pass	1	0	0	1	0			
pass	1	0	1	0	1			
pass	1	0	1	1	1			
pass	1	1	0	0	1			
pass	1	1	0	1	1			
pass	1	1	1	0	1			
pass	1	1	1	1	1			

Passed: 16 Failed: 0							
status	c3	c2	c1	c 0	m		
pass	0	0	0	0	1		
pass	0	0	0	1	0		
pass	0	0	1	0	0		
pass	0	0	1	1	0		
pass	0	1	0	0	1		
pass	0	1	0	1	1		
pass	0	1	1	0	1		
pass	0	1	1	1	0		
pass	1	0	0	0	1		
pass	1	0	0	1	1		
pass	1	0	1	0	1		
pass	1	0	1	1	1		
pass	1	1	0	0	1		
pass	1	1	0	1	0		
pass	1	1	1	0	1		
pass	1	1	1	1	1		

F	Passed: 16 Failed: 0									
status	c3	c2	cl	c 0	m					
pass	0	0	0	0	0					
pass	0	0	0	1	0					
pass	0	0	1	0	1					
pass	0	0	1	1	1					
pass	0	1	0	0	1					
pass	0	1	0	1	1					
pass	0	1	1	0	1					
pass	0	1	1	1	0					
pass	1	0	0	0	1					
pass	1	0	0	1	1					
pass	1	0	1	0	1					
pass	1	0	1	1	1					
pass	1	1	0	0	0					
pass	1	1	0	1	1					
pass	1	1	1	0	1					
pass	1	1	1	1	1					