CSC258 lab1 Haodong Mai 1004321646 PRA0105

(K-maps in the next page, with optimized logic expressions for the circuit)

198		
		-
	A B C SO SID+52AS3+54A SS +56A) : 22 707	
0	0 0 0 1 0 1 348 048 1 348 348	
1	0010110101A	
2	0101110111 (1) A	-
3	0110000101	33
4	S2= (A+60c) (A+6) 0 0 0 0 0 0 0 0 1	
5	1010011100	-
6	110100111	
7	For 53: A.E. at O.E. at A.G. E1 0 0 1 1 1	-
	5.8 3.8 J.8 3.8	-
	So = Mo + M2 + M6 SI = M, + M2 O O O	
	(1) 0 (1) 0 A	-
	S2= M3. M4. M6 S3= m0+ m5+ m6	-
	53= A·B·C + A·B·C	
	54 = Mo. M4 S5 = Mo+ M, + M2 + M6	
	For 54: (A+B+c).(A+B+c) 2M. 4M = 82	1
	5+8 0+8 0+8 5+8	
	For So: A.B. c+ A.B. c+ A.B. c	
	B.C B.C BC B.C	
	Ā D O O	
	54= 8+c U 0 0 A	
		Town I
	So = A·c+ B·c	
	For St. A.B.C+ A.B.C+ A.B.C + A.B.C	400
	Ř. č Ř. c 8c 8· č	
	For SI: A.B.C + A.B.C	
	B.C B.C B.C B.C V	- Letter Market
	A O O O	
	S5= A·B+B·C= (A+B)+B·C 0 0 0 A	
	22: H. B. L. D. C.	-
	SI= A.B.C+ A.B.C	

Fal	52:	(At	Ē + Z	1/04	RAC) (Ā	+ B+ c	1	50	C	8	A
101	D+2	B	DT C	RHO	DTO	Rti	1	0	-1	0	0	0
Ā	1		0	10		1	1	1	0	1	0	0
A	0		1	11	1	0	1	1	1	0	1	0
			1	0	1	0	O	0	0	1	1	0
Sz	: 日	(A+i	(tc)	(A+	c)	0	0	0	0	0	0	1
			0	0	1	1	1	0	9	1	0	1
)	1	1	1	0	0	1	0	1	1
For	S3:	A.B.	7	A.B.	C+	A.B.	c 1	0	0	1	1	1
	B.Z	B.		Bc						100	24	-
Ā	(1)	0		0	0	in t in	1=15		9 m +	2M +	011) =	50-
A	0)	0	(1)		1	2.5	14		- 7
					-		53=	9	W . 4	NI .	ENV.	-56
53	= Ā.	B·c					19				2.0	
			9M	tsM	+ 111	tom	225		4	M .	in .	- 10
												13
For	54:	The second secon			+ B+	c) _		-	51	4.	11 -	90
	B+	ē I	B+C	-		Btc		3 5	1 - 0		27	- 7
Ā	1		1	1)	2.8.6	10.	9.14	+5.8	· 4 .		107
77		THE RESERVE OF THE PERSON NAMED IN				040	46			-	77. 64	
A	1		1	(1	8.5			8	8.0	-
-	1		1 44	(1	8.5	0		0	T	ja.
A	i 7 = B	+ C	1	(0)/	1	5:8			0	0.8	9
A		+c	1 2	(0/	1	5.8	0			0	P
A 54	7 = B		1 / A	(0	יו	1	0	0	5.8	0	0	P
A 54			ĭ 8·ĉ+	÷ Ā· Ē)/ · c +	Ā·B	0	0	5.8		0	P
A 54	7 = B	Ā·I	ı B·c+	Ä·B Bc		Ā·B B·C	(P) · c̄ +	0 0 A·B	3·8 · c	+3	0	P
A 54	7 = B r S5:	Ā·I					(T) ·ā+	0 0 A·B	5.8	+3	0	P
Fol A	7 = B r ss: B.a	Ā·I	Bc D	B C			(P) · c̄ +	0 0 A·B	5·8·5 5·4	+5	C O	P
A S4	7 = B r S5:	Ā·I		Вс			(T) ·ā+	0 0 A·B	5.8 5. 5. 4.).	+5	· A ·	P
Folia A	7 = B r ss: B.a	Ā· I	BC O	0		B·c (1)	- i + 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0 0 A·B	5.8 5. 5. 4.).	+5	. H.	P

For Sb: (A+B+c)·(A+B+c)
B+c B+c B+c 0 A 56 = A + B















