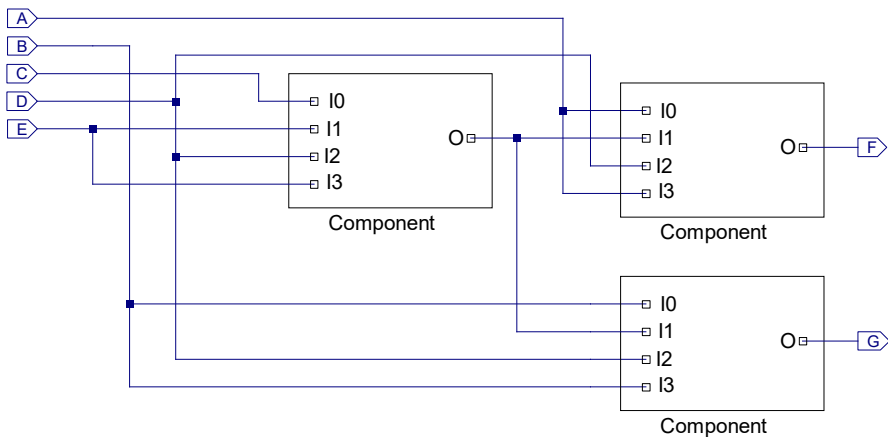
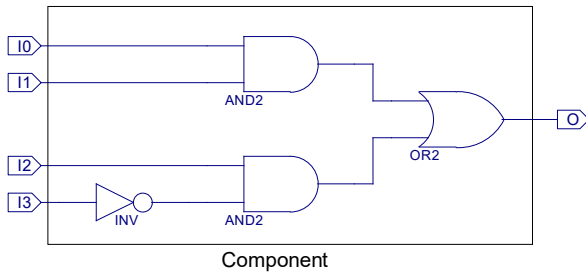
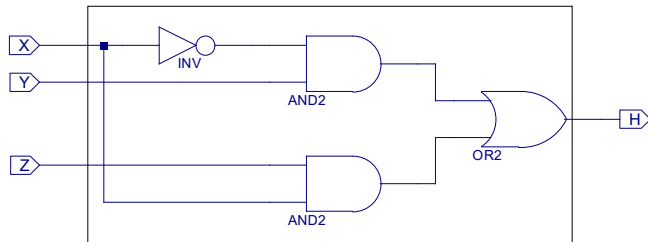


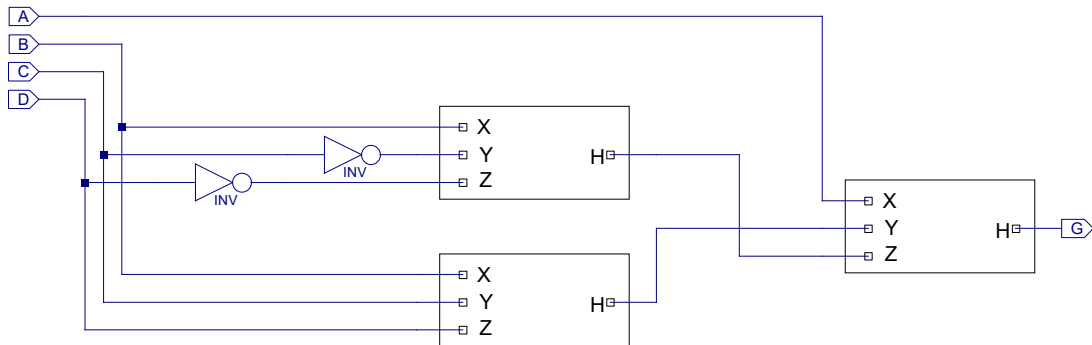
3-13



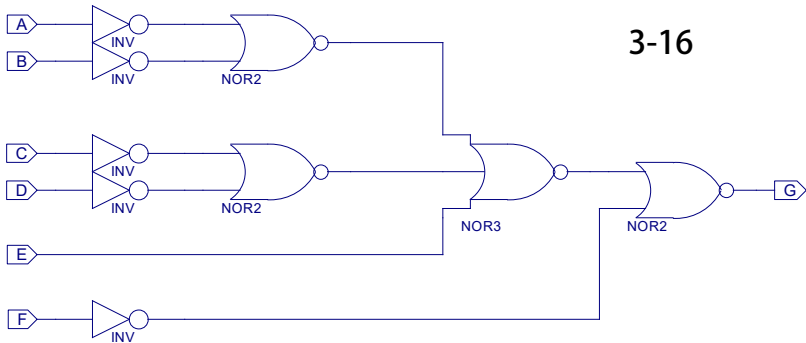
3-14

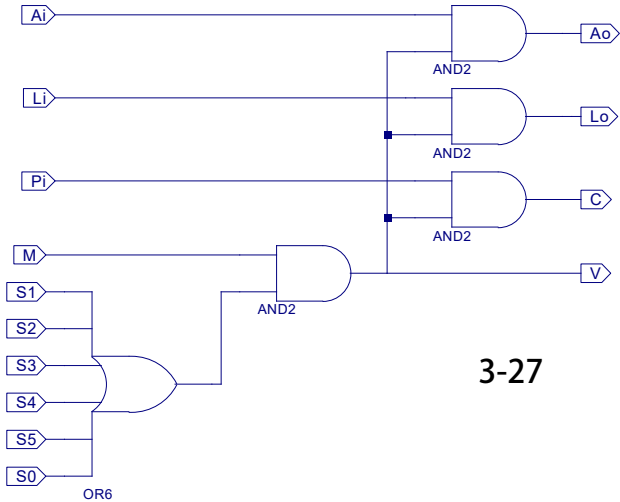


$$H(X,Y,Z) = (!X)Y + XZ$$



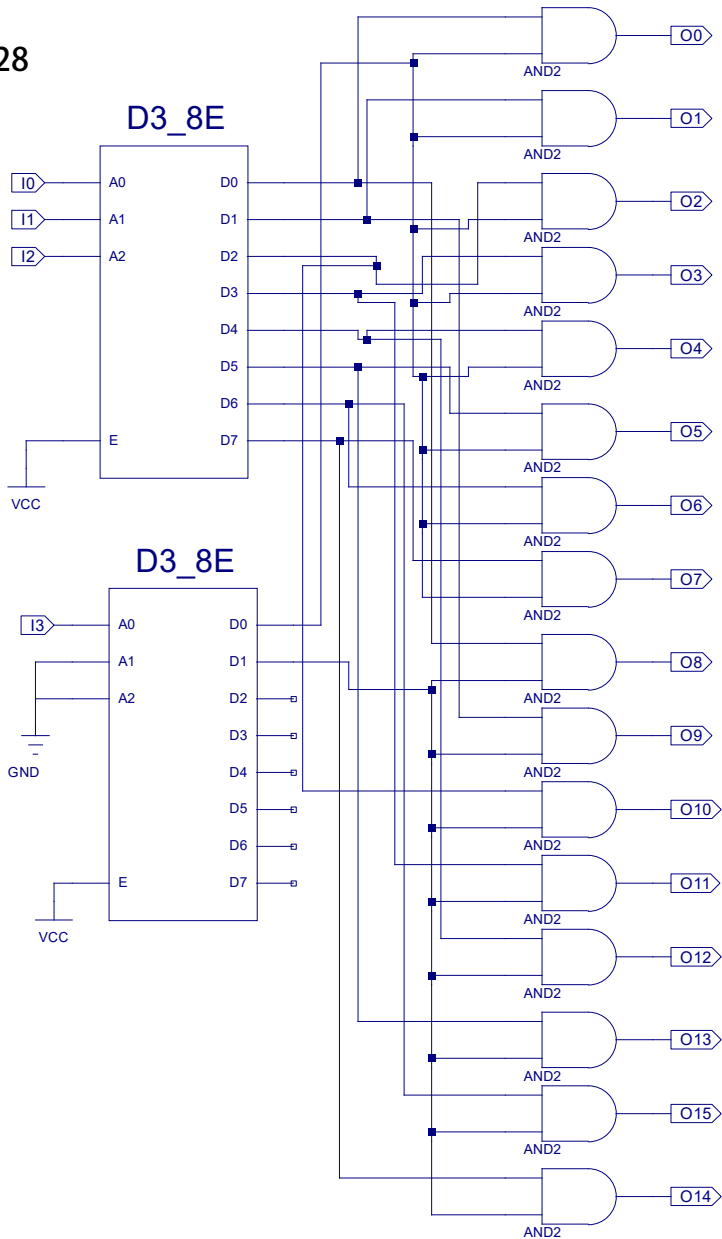
3-16





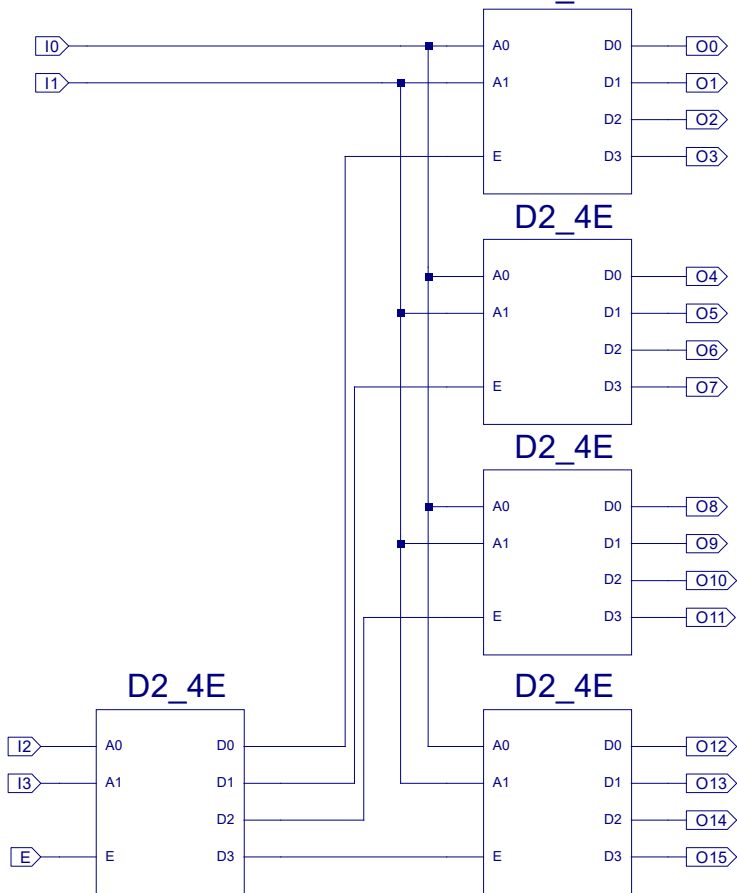
3-27

3-28



D2_4E

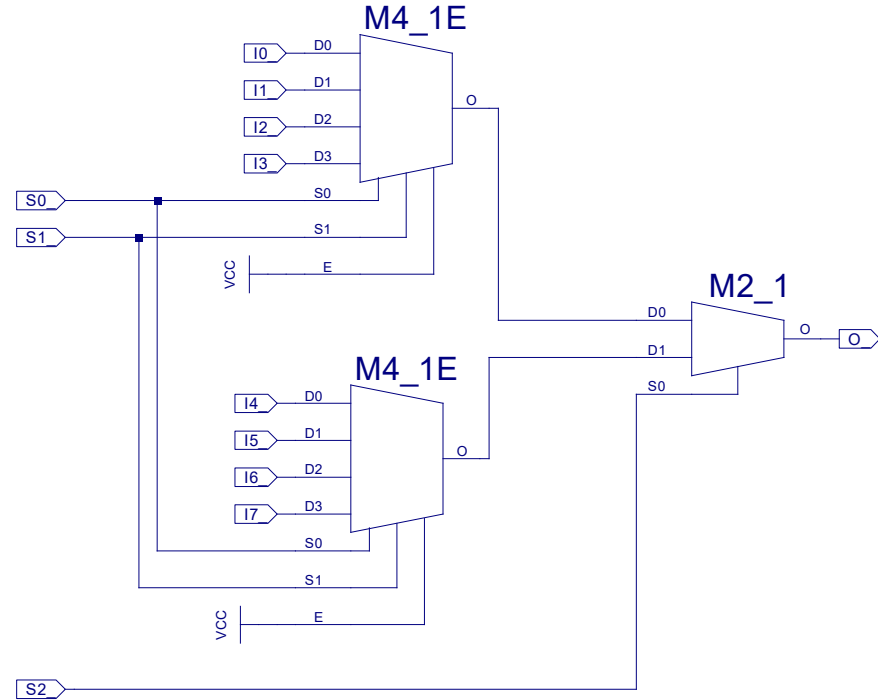
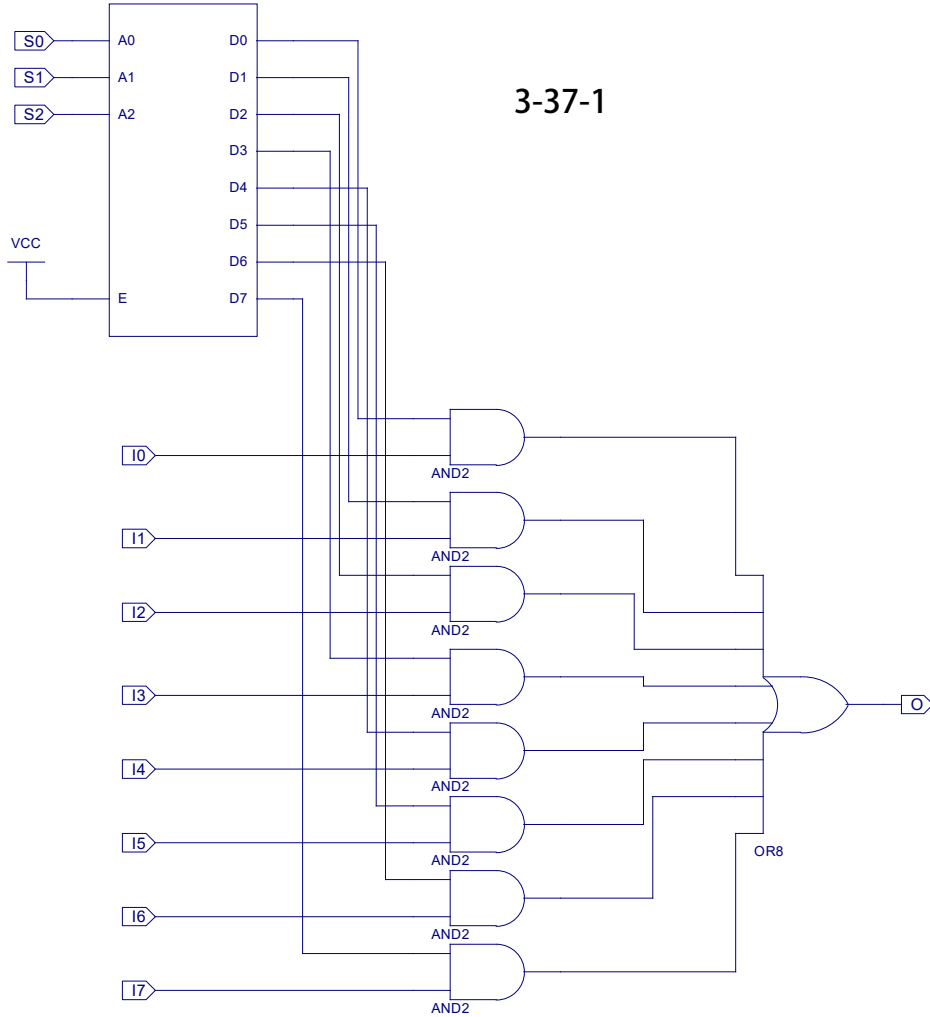
3-29



D3_8E

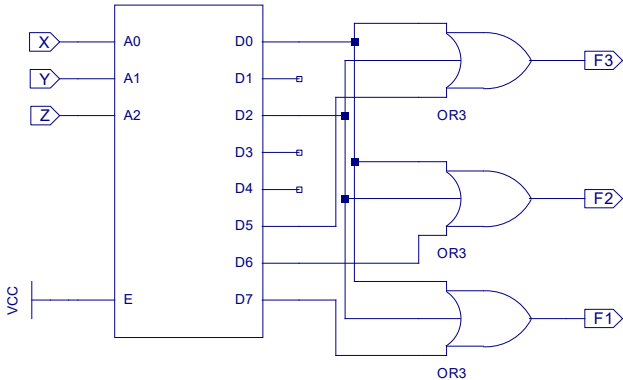
3-37-1

3-37-2



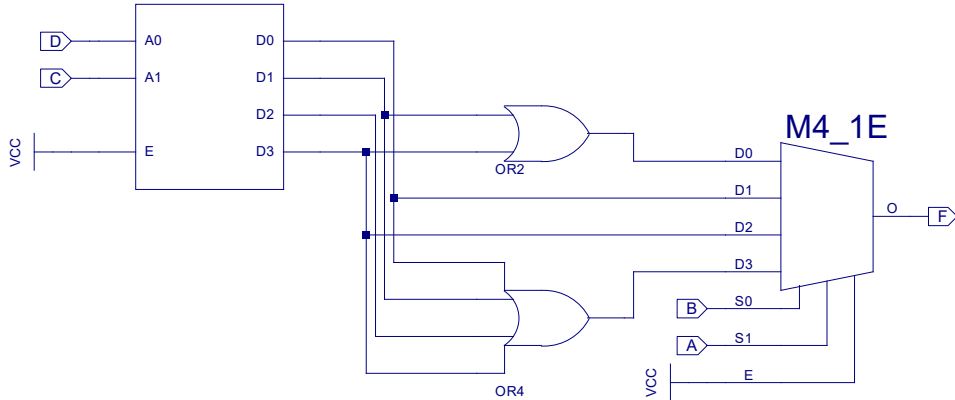
D3_8E

3-44



D2_4E

3-47



3-50

A_0	B_0	C_0	S_0	C_1
0	0	0	0	0
0	0	1	1	0
0	1	0	1	0
0	1	1	0	1
1	0	0	1	0
1	0	1	0	1
1	1	0	0	1
1	1	1	1	1

可见其满足全加器功能

3-51

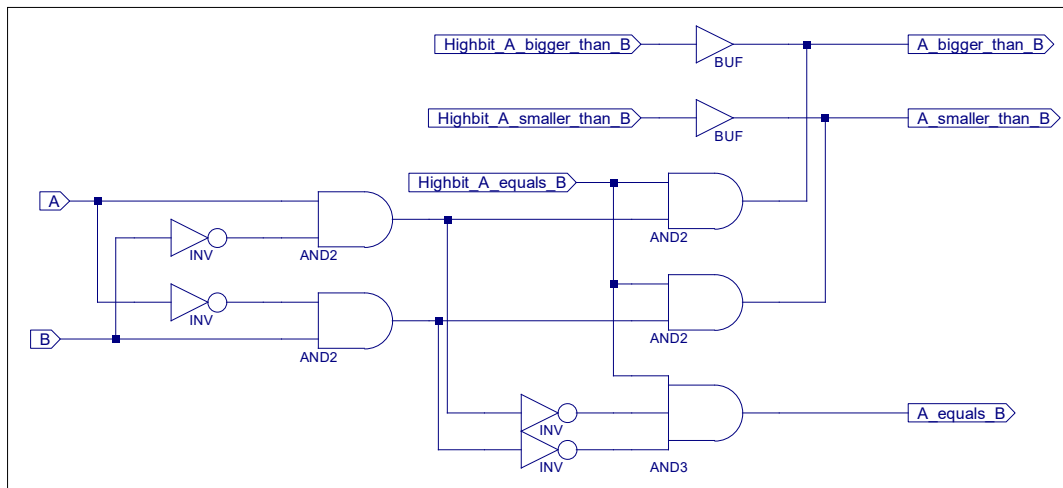
二进制数	反码	补码
1001 1100	1110 0011	1110 0100
1001 1101	1110 0010	1110 0011
1010 1000	1101 0111	1101 1000
0000 0000	0000 0000	0000 0000
1000 0000	1111 1111	0000 0000

3-52 (a) $11010 - 10001 = 1001$

(b) $11110 - 1110 = 10000$

(c) $1111110 - 1111110 = 0$

(d) $101001 - 101 = 100100$



1 bit comparison component

