1) • decoder : $n-to-2n, n=3$

X	Y	Z	XY	XZ	X∨Z	f	
0	0	0	0	0	0	0	0
0	0	1	0	1	0		1
0	0	1	1	0	0		2
0	1	1	1	1	0		3
1	0	0	0	0	1		4
1	0	1	0	0	0	0	5
1	1	0	0	0	0	0	6
1	1	1	0	0	0	0	7

2)