A_3	A_2	A_1	A_0	Y
0	0	0	0	0
0	0	0	1	0
0	0	1	0	0
0	0	1	1	0
0	1	0	0	1
0	1	0	1	0
0	1	1	0	0
0	1	1	1	0
1	0	0	0	0
1	0	0	1	0

$A_3`A_2A_1`A_0`$

A_1A_0

A_3A_2	00	01	11	00
00				
01	1			
11				
00				

$$Y = A3`A_2A_1`A_0`$$