

A0	A1	B0	B1	Y1	A2	A3	B2	B3	Y2	Y22	A4	A5	B4	B5	Y3	Y33	A6	A7	B6	B7	Y4	Y44
0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1
0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0
0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
0	0	1	1	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	1	1	0	0
0	1	0	0	1	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
0	1	0	1	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
0	1	1	0	1	0	1	1	0	1	0	0	1	1	0	1	0	0	1	1	0	1	0
0	1	1	1	0	0	1	1	1	0	0	0	1	1	1	0	0	0	1	1	1	0	0
1	0	0	0	1	1	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	1	0
1	0	0	1	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
1	0	1	0	0	1	0	1	0	0	1	1	0	1	0	0	1	1	0	1	0	0	1
1	0	1	1	0	1	0	1	1	0	0	1	0	1	1	0	0	1	0	1	1	0	0
1	1	0	0	1	1	1	0	0	1	0	1	1	0	0	1	0	1	1	0	0	1	0
1	1	0	1	1	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0
1	1	1	0	1	1	1	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	0
1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	0	1	1

Y1	Y2	Y22	Y3	P
0	0	0	0	0
0	0	0	1	1
0	0	1	0	0
0	0	1	1	1
0	1	0	0	0
0	1	0	1	0
0	1	1	1	1
1	0	0	0	0
1	0	0	1	1
1	0	1	0	1
1	0	1	1	1
1	1	0	0	1
1	1	0	1	1
1	1	1	0	1
1	1	1	1	1

IF Y33=1, then P, else 0

P

0

IF Y44=0, THEN Y4, ELSE P

A 10,11,01,00

B 10,11,01,10