

Present state $y_2y_1y_0$	Next state $Y_2Y_1Y_0$	Output $z_2z_1z_0$
0 0 0	1 0 0	0 0 0
1 0 0	0 1 0	1 0 0
0 1 0	1 1 0	0 1 0
1 1 0	0 0 1	1 1 0
0 0 1	1 0 1	0 0 1
1 0 1	0 1 1	1 0 1
0 1 1	1 1 1	0 1 1
1 1 1	0 0 0	1 1 1

Figure 6.70 State-assigned table for Figure 6.69.