

Present state	Next state				Output z
	$DN = 00$	01	10	11	
S1	S1	S3	S2	—	0
S2	S2	S4	S5	—	0
S3	S3	S2	S4	—	0
S4	S1	—	—	—	1
S5	S3	—	—	—	1

Figure 6.56 Minimized state table for Example 6.7.