





















<ul> <li>Synchronous BCD Counter</li> <li>Design a synchronous BCD counter with T flip-flops</li> </ul>												
Present State				Next State				Out	Flip-flop inputs			
Q8	Q4	Q2	Q1	Q8	Q4	Q2	Q1	у	TQ8	TQ4	TQ2	TQ1
0	0	0	0	0	0	0	1	0	0	0	0	1
0	0	0	1	0	0	1	0	0	0	0	1	1
0	0	1	0	0	0	1	1	0	0	0	0	1
0	0	1	1	0	1	0	0	0	0	1	1	1
0	1	0	0	0	1	0	1	0	0	0	0	1
0	1	0	1	0	1	1	0	0	0	0	1	1
0	1	1	0	0	1	1	1	0	0	0	0	1
0	1	1	1	1	0	0	0	0	1	1	1	1
1	0	0	0	1	0	0	1	0	0	0	0	1
1	0	0	1	0	0	0	0	1	1	0	0	1













