

-> 6 states

T.f.f has to be Used.

Step 2) Create State Table and merge it with Excitation table of T. F.F.

	Ste	le -	Cable:			
T		ent s	The second secon		t Sta	11
1	0	0	0	0	0	1
	0	0	1/	0	1	1
	0)	1	1	0	0
	1	0	0	1	0	1
	1	0	1	1	1	1
	1	1	1	0	0	0

Excitation Table:

1 8 mm	T		
0	0		
111	1		
10	1		
1	0		
	0 1 0 1		

	1			1			
18A 8B 8c	QA'	96	8c'	TA	TB	To	
000	0	0	1	0	0	1	
1001	0	1		0	1	-0-1	& State
0 10	X	X	X	1	-		Valid
0 1 1	1	0	1	0	0	1	
1 00 0	1	1	i	0		0	11
100	X	X	×	×	×	×	K
1 1 1	0	0	0	1	1	1	1