Si So'PaPb' + Si Si'Pb' + Si Pb' R' + Si Pa + Ji So +

Si So Pa'Pb + Si' Si So' Pa' + Si Pa' R' + Si Pb + Si So Pa +

Si So Pa'Pb + Si' Si So' Pa' + Si Pa' R' + Si Pb + Si So Pa +

Si So Pa + Si So PaPb' + Si Si Pa = Na

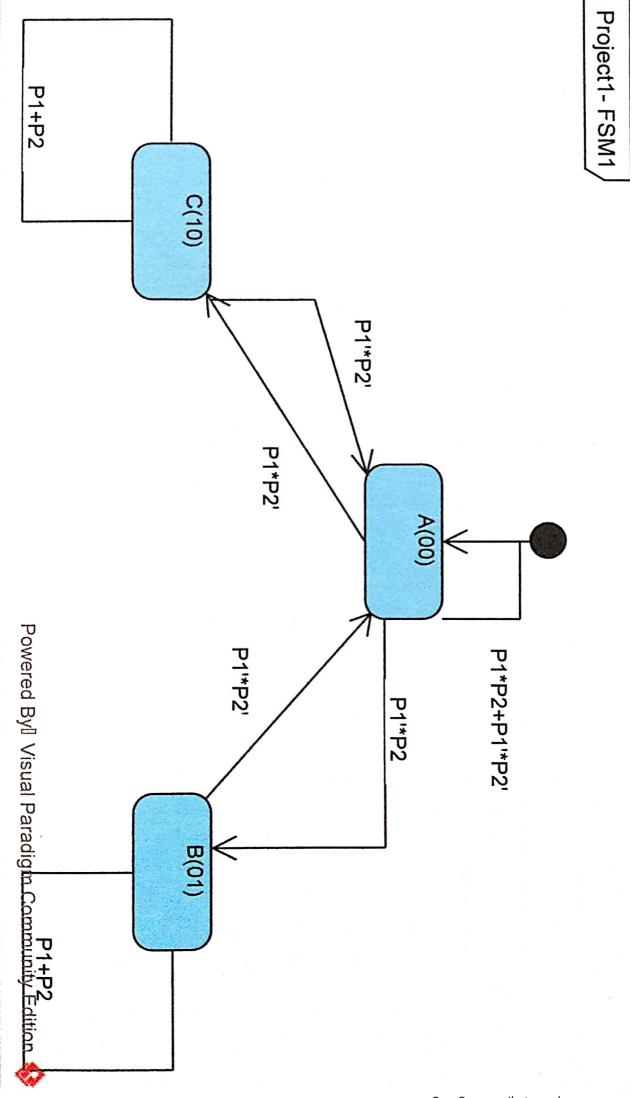
Si So' Pa'Pb + Si' So Pa' Pb' + So PaPb + Si Si Pa Pb + Si So R' +

Si So Pb + Si Si Pa'Pb + Si So Pa' Pb' + So PaPb + Si Si Pa Pb + Si So R' +

Si So Pb + Si Si Pa Pb' = No

FSM-2 equation $S_{0} P_{1} P_{2}' + S_{1} S_{0}' P_{2} = N_{4}$ $S_{1} S_{0}' P_{2} + S_{1} S_{0} P_{1}' = N_{0}$ $S_{1} S_{0}' P_{1}' P_{2}' = P_{0}$ $S_{1} S_{0}' P_{1} P_{2}' = P_{0}$ $S_{1} S_{0}' P_{1} P_{2}' = P_{0}$

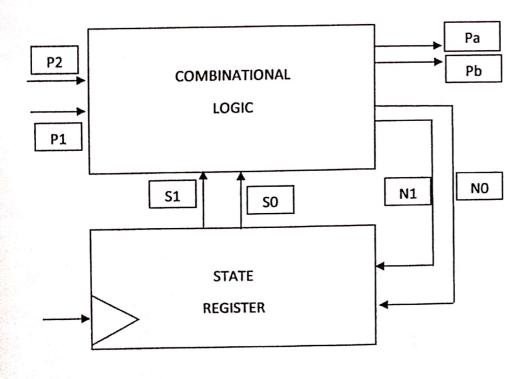
FSM-1 equation

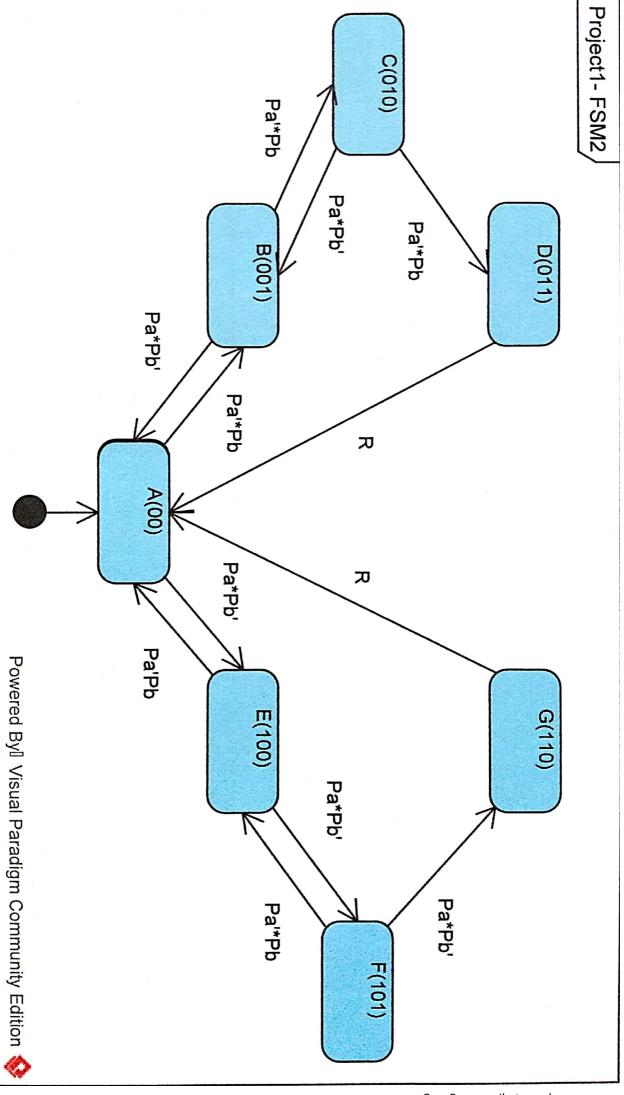


Step -2 B | C

- -2 BİT State register(THREE State "A,B,C")
- -Input P1,P2
- -Output Pa,Pb
- -Next State Signals N1,N0

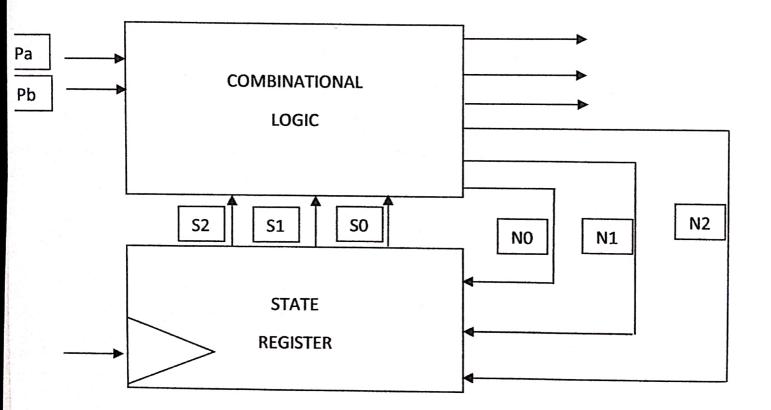
S1	S0	P1	P2	N1	NO	Pa	Pb
0	0	0	0	0	0	0	0
0	0	0	1	0	1	0	0
0	1	0	0	0	0	0	1
0	1	0	1	0	1	0	0
0	1	1	0	0	1	0	0
0	1	1	1	0	1	0	0
0	0	1	0	1	0	0	0
1	0	0	0	0	0	1	0
1	0	0	1	1	0	0	0
1	0	1	0	1	0	0	0
1	0	1	1	1	0	0	0
0	0	1	1	0	0	0	0

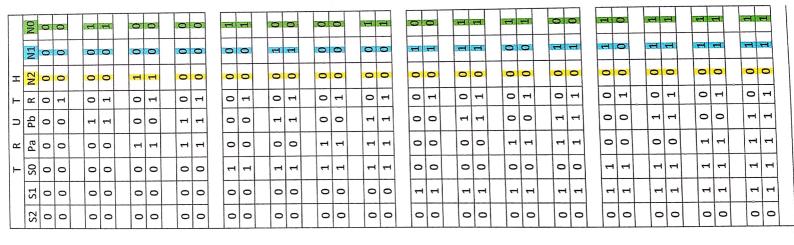




Step -2 A|B|C

- -3 BİT State register(State "A,B,C,D,E,F,G")
- -Input Pa,Pb,R
- -Output N2,N1,N0
- -Next State Signals N2,N1,N0





							HE COLUMN	Please.
1	0	0	0	0	0	1	0	0
1	0	0	0	0	1	1	0	0
1	0	0	0	1	0	0	0	O
1	0	0	0	1	1	0	0	0
		# = ##				2		
1	0	0	1	0	0	1	0	1
1	0	0	1	0	1	1	0	1
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1	0	0	1	1	0	1	0	0
1	0	0	1	1	1	1	0	0
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1	0	1	0	0	1	1	0	1
1	0	1	0	1	0	1	0	0
1	0	1	0	1	1	1	0	0
				- 7				
1	0	1	1	0	0	1		0
1	0	1	1	0	1	1	1	O
							,2	1
1	0	1	1	1	0	1	0	1
1	0	1	1	1	1	1	0	1
-								
1	1	0	0	0	0	1	1	0
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1	1	0	1	0	1	1	1	0
1	1	0	1	0	+-			
		-	-	-	0	1	1	O
1	1	0	1	1	0	-	100,000	0
1	1	0	1	1	1	1	1	