OState Assignment:
S0: 000 S1: 001 S2: 0101 S3: 010 S4: 110 S5: 111 S6: 101
SD:100 SD:000
(2) State Diagram (52)
(SA) (SA) (SG) (SG) (SG) (SG)
(3) State table P.S. S1 S0 S1 S2 S3 S4 S3 S5 S4 S5 S5 S7 S6 S7 S6 S7 S7 S8 S8 S8 S8 S8 S8 S8 S8

s 7 so 1

(i) Transition and output table:

P.S. (929,00)	N.S(Q28, 80)	OP
000 001 011	0 1 0	0 0
010	0 0	0 0
100	000	(

P.S(Qo) N.S. (Qo) J K

	Excitation table (80) J K Och P.S PANS 1 X						
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	1	0		X	X		
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		7		X			
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