

## State - Diagram

## Excitation Table:

6 xcc	rac 1910	10000	
		1 Nos	[ Out
PS	IN	TDLE	O
TOLE		51	O
	1	510	0
<1	0		6
	4	12	0
510	101	IDLE	10
•		2107	1
<u> </u>	0	510	0
	f /	ا ک	

Transition Table CNS, Out) PS (SI, D) CIDLE, O) IDLE (61,9) 1 510,0) 12 (0, 101 E) ( IDIE 10) 012 (S1,D) (510 12) (101 IDLE 51 5 10 ( 101

Current state	Nuxt State	IP
	000000000000000000000000000000000000000	0 1 0 1 0 1
0/8		D2 0 0 1 0 0

(0 0 1 0 D2 = X Q1 + X Q1 Q2

Q1 Q2 Circuit