1.	Present State Q1nQ2n	Nox1 S QIn11		Flip-Flop Inputs			5	Output, ZIZE			
		X=0	x2n(1 Y=1	71n	0 72n		12n	X=0	x=1		
	00	00	10	0	0	1	O	11	01		
	01	11	01	1	0	0	0	00	11		
	11	11	10	0	0	0	1	01	10		
	10	01	11	1	1	0	1	10	01		
	$T_n$ :	-t2n:									
	01 10					0100					
	10 0 0		,		, ,			10 (1 (1			
1	$d_{n}=Qd_{n}Qd_{n}^{2}+$	Q1nQ2	<sub>n</sub> x'+©	U <sub>n</sub> Q2	5"X	_	t2n=	Q1, Q2,	+ Q1nx		
	Z1: 77 10 1 1/02% 1 0			7	2!						
	01 0 1		Q	1 <sub>n</sub> Q2	7(0						
10 10 0 1											
$z_1 = Q_2nx + Q_2nx$ $z_2 = Q_1nQ_2n + Q_1nx + Q_2nx + Q_1nx + Q_2nx$											
	Logic	Diagra	m					,			