

Ouputs			
Ready	Dispense	Bill	ReturnTen
0	0	0	0
1	0	0	0
0	0	1	0
0	0	0	1
0	1	0	0
	Ready 0 1 0 0 0 0	<u> </u>	<u> </u>

Reset	State Transition Table				
	Total	PresentState	NextState		
1		RESET	RDY		
1	Total = 0	RDY	RDY		
1	Total<0	RDY	COLLECT		
1	Total <cost< td=""><td>COLLECT</td><td>COLLECT</td></cost<>	COLLECT	COLLECT		
1	Total==cost	COLLECT	DISPENSE		
1	al==costplu:	COLLECT	RETEN		
1		RETEN	DISPENSE		
1		DISPENSE	RDY		
0		ANYSTATE	RESET		

Total Calculation Table

Reset	Ten	Twenty	Present Total	New Total
0	Х	х	х	0
1	1	0	Total <cost< td=""><td>Total+10</td></cost<>	Total+10
1	0	1	Total <cost< td=""><td>Total+20</td></cost<>	Total+20
1	х	х	total>=cost	0

