

Initial State		Input		Next State/Outputs		JK Flip Flops			
A	B	E	X	A+	B+	JA	KA	JB	KB
0	0	0	0	0	0	0	x	0	x
0	0	0	1	0	0	0	x	0	x
0	0	1	0	0	1	0	x	1	x
0	0	1	1	1	0	1	x	0	x
0	1	0	0	0	1	0	x	x	0
0	1	0	1	0	1	0	x	x	0
0	1	1	1	1	1	1	x	x	0
0	1	1	0	0	0	0	x	x	1
1	0	0	1	1	0	x	0	0	x
1	0	0	0	1	0	x	0	0	x
1	0	1	1	0	0	x	1	0	x
1	0	1	0	1	1	x	0	1	x
1	1	0	1	1	1	x	0	x	0
1	1	0	0	1	1	x	0	x	0
1	1	1	1	1	0	x	0	x	1
1	1	1	0	0	1	x	1	x	0