

E	Q	C[1]	C[0]	S (shift)
0	0	0	0	0
0	0	0	1	x
0	0	1	0	X
0	0	1	1	X
0	1	0	0	0
0	1	0	1	1
0	1	1	0	1
0	1	1	1	1
1	0	0	0	1
1	0	0	1	X
1	0	1	0	X
1	0	1	1	X
1	1	0	0	0
1	1	0	1	1
1	1	1	0	1
1	1	1	1	1

		EQ			
		00	01	11	10
C[1]C[0]	00	0	0	0	1
	01	x	1	1	x
	11	x	1	1	x
	10	x	1	1	x

E	Q	C[1]	C[0]	Q+
0	0	0	0	0
0	0	0	1	x
0	0	1	0	X
0	0	1	1	X
0	1	0	0	0
0	1	0	1	1
0	1	1	0	1
0	1	1	1	1
1	0	0	0	1
1	0	0	1	X
1	0	1	0	X
1	0	1	1	X
1	1	0	0	1
1	1	0	1	1
1	1	1	0	1
1	1	1	1	1

		EQ			
		00	01	11	10
C[1]C[0]	00	0	0	1	1
	01	x	1	1	x
	11	x	1	1	x
	10	x	1	1	x

E	Q	C[1]	C[0]	MR' (Clear counter)
0	0	0	0	0
0	0	0	1	X
0	0	1	0	X
0	0	1	1	X
0	1	0	0	0
0	1	0	1	1
0	1	1	0	1
0	1	1	1	0
1	0	0	0	1
1	0	0	1	X
1	0	1	0	X
1	0	1	1	X
1	1	0	0	0
1	1	0	1	1
1	1	1	0	1
1	1	1	1	0

EQ

	00	01	11	10
00	0	0	0	1
01	x	1	1	x
11	x	0	0	x
10	x	1	1	x

C[1]C[0]

