

PS			PI	NS			Output
Q2	Q1	Q0	X	Q2*	Q1*	Q0*	Z
0	0	0	0	0	0	0	0
0	0	0	1	0	0	1	0
0	0	1	0	0	0	0	0
0	0	1	1	0	1	0	0
0	1	0	0	0	1	1	0
0	1	0	1	0	1	0	0
0	1	1	0	0	0	0	0
0	1	1	1	1	0	0	1
1	0	0	0	0	0	0	0
1	0	0	1	0	1	0	0