Sum

control	a0	a1	b0	b1	sum1	sum2	carry
0	0	0	0	0	0	0	0
0	0	0	0	1	0	1	0
0	0	0	1	0	1	0	0
0	0	0	1	1	1	1	0
0	0	1	0	0	0	1	0
0	0	1	0	1	0	0	1
0	0	1	1	0	1	1	0
0	0	1	1	1	1	0	1
0	1	0	0	0	1	0	0
0	1	0	0	1	1	1	0
0	1	0	1	0	0	1	0
0	1	0	1	1	0	0	1
0	1	1	0	0	1	1	0
0	1	1	0	1	1	0	1
0	1	1	1	0	0	0	1