	case 0		case 1		case 2		case 3		case 4		case 5	
	+	-	+	-	+	-	+	-	+	-	+	-
A	1	0	1	0	0	0	0	1	0	1	0	0
B	0	1	0	0	1	0	1	0	0	0	0	1
C	0	0	0	1	0	1	0	0	1	0	1	0

High	
low	
sense	