





ALU operation summary			
0000	B	B	
0001	ZERO	always 0	
0010	FF	always 255	
0011	HALF	B/2 (rounded down)	
0100	CRY	B+1 if A=255, else B	
0101	TOP	1, if A=255 and B=255	
0110	FF	always 255	
0111			
1000	ADD	(A+B) mod 255	
1001	OVF	1, if A+B>255	
1010	NAND	A NAND B	
1011	AVG	(A+B)/2 (rounded down)	
1100			
1101			
1110	NAND		
1111	ROR		