

ALU_OPCODES

#	OPC	CMD	Description	R_OUT	F_C	F_Z	F_N
0	0000	LDA	Load A	A	-	ISNULL	-
1	0001	LDB	Load B	B	-	ISNULL	-
2	0010	ADD	Add	A + B	ADDER_CARRY	ISNULL	0
3	0011	ADC	Add w/ carry	A + B + F_C	ADDER_CARRY	ISNULL	0
4	0100	SBC	Sub	A - B - F_C	ADDER_CARRY	ISNULL	ADDER_CARRY
5	0101	SEF	Set flags	A	A(6)	A(7)	0
6	0110	CPR	Compare	A	(A == B)	(A > B)	(A < B)
7	0111	AXO	Bitwise XOR	A ⊗ B	-	ISNULL	-
8	1000	AOR	Bitwise OR	A ∨ B	-	ISNULL	-
9	1001	AAN	Bitwise AND	A ∧ B	-	ISNULL	-

* ISNULL := (A == 00000000)