



0	1	2	3
4	5	6	7
8	9	10	11
12	13	14	15
16	17	18	19
20	21	22	23
24	25	26	27
28	29	30	31



INSTRUCTION SET

Code	Name	Description
0	HLT	Halt
1	ADD	Add the contents of the given address to the Accumulator
2	SUB	Subtract the contents of the given address from the Accumulator
3	STA	Store the value in the Accumulator in the memory address given.
4		This code is unused, a mystery.
5	LDA	Load the Accumulator with the contents of the given address
6	BRA	Branch - go to the given address for the next instruction
7	BRZ	Branch - go to the given address if the Accumulator holds a zero
8	BRP	Branch to the given address if the Accumulator is zero or positive
9	INP or OUT	Input or Output. Take from Input if address is 1, copy to Output if address is 2.
	DAT	means that an address contains data