	OPCODE																			
	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
ADD	0	0	0	0	DST				SRC1				0	0	0	0	SRC2			
SUB	0	0	0	1	DST				SRC1				0	0	0	0	SRC2			
AND	0	0	1	0	DST				SRC1				0	0	0	0	SRC2			
OR	0	0	1	1	DST				SRC1				0	0	0	0	SRC2			
XOR	0	1	0	0	DST				SRC1				0	0	0	0	SRC2			
ADDI	0	0	0	0	DST				SRC1				1	IMM						
SUBI	0	0	0	1	DST				SRC1				1	IMM						
ANDI	0	0	1	0	DST				SRC1				1	IMM						
ORI	0	0	1	1	DST				SRC1				1	IMM						
XORI	0	1	0	0	DST				SRC1				1	IMM						
LD	0	1	0	1	DST				ADDR											
ST	0	1	1	0	SRC				ADDR											
JUMP	0	1	1	1	ADDR															
PUSH	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SRC1			
POP	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	SRC1			
BE	1	0	1	0	REG1				REG2				ADDR							
BNE	1	0	1	1	DST				REG2				ADDR							
RESERVED	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0