

OP CODE					
[17 - 14]	[13 - 10]	[9 - 6]	[5 - 2]	[1 - 0]	OPERATION
0000	DEST	SRC1	SRC2	XX	ADD
0001	DEST	SRC1	IMMEDIATE		ADDI
0010	DEST	SRC1	SRC2	XX	AND
0011	DEST	SRC1	IMMEDIATE		ANDI
0100	DEST	SRC1	SRC2	XX	OR
0101	DEST	SRC1	IMMEDIATE		ORI
0110	DEST	SRC1	SRC2	XX	XOR
0111	DEST	SRC1	IMMEDIATE		XORI
1000	DEST	ADDRESS10			LD
1001	SRC	ADDRESS10			ST
1010	ADDRESS14				JUMP
1011	OP1	OP2	ADDRESS6		BEQ
1100	OP1	OP2	ADDRESS6		BLT
1101	OP1	OP2	ADDRESS6		BGT
1110	OP1	OP2	ADDRESS6		BGE
1111	OP1	OP2	ADDRESS6		BLE