

	Opcode[17:14]	13	12	11	10	9	8	7	6	5	4	3	2	1	0
AND	0000	DR				SR1				SR2				0	0
ANDI	0001	DR				SR1				imm6					
ADD	0010	DR				SR1				SR2				0	0
ADDI	0011	DR				SR1				imm6					
OR	0100	DR				SR1				SR2				0	0
ORI	0101	DR				SR1				imm6					
XOR	0110	DR				SR1				SR2				0	0
XORI	0111	DR				SR1				imm6					
LD	1000	DR				ADDRESS10									
ST	1001	SR				ADDRESS10									
JUMP	1010	ADDRESS14													
BEQ	1011	SR1				SR2				ADDR			0	1	0
BLT	1100	SR1				SR2				ADDR			1	0	0
BGE	1101	SR1				SR2				ADDR			0	1	1
BLE	1110	SR1				SR2				ADDR			1	1	0
BGT	1111	SR1				SR2				ADDR			0	0	1