

Instruction Set Architecture Table

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	[17:14](opcode)	[13:10]	[9:6]	[5:2]			[1:0]
AND	0010	DR	SR1	SR2			00
ANDI	0011	DR	SR1	IMM6			
OR	0100	DR	SR1	SR2			00
ORI	0101	DR	SR1	IMM6			
ADD	0110	DR	SR1	SR2			00
ADDI	0111	DR	SR1	IMM6			
XOR	1000	DR	SR1	SR2			00
XORI	1001	DR	SR1	IMM6			
JUMP	1010	ADDRESS14					
LD	1011	DR	ADDRESS10				
ST	1101	SR	ADDRESS10				
BEQ	1110	OP1	OP2	0	1	0	ADDRESS3
BGT	1110	OP1	OP2	0	0	1	ADDRESS3
BLT	1110	OP1	OP2	1	0	0	ADDRESS3
BGE	1110	OP1	OP2	0	1	1	ADDRESS3
BLE	1110	OP1	OP2	1	1	0	ADDRESS3