

Instruction =	00<reg addr:2><imm:4>	01<reg addr 1:2><reg addr 2:2><dest addr:2>	10<reg addr 1:2><reg addr 2:2><dest addr:2>	110<reg addr: 2><ignore:3>	111<reg addr 1:2><reg addr 2:2><skip:1>
	lui	add	sub	prt	cmp
Print Control	0	0	0	1	0
Operation Select	X	0	1	X	1
Write Address	Instruction(2 up to 3)	Instruction(6 up to 7)	Instruction(6 up to 7)	"XX"	"XX"
Write Enable	1	1	1	0	0
Write Data Select	0	1	1	X	X
Skip Control	"00"	"00"	"00"	"00"	"01" if skip = 0. Otherwise, "10"
Immediate	Instruction(4 up to 7)	"XXXX"	"XXXX"	"XXXX"	"XXXX"
Reg 1	"XX"	Instruction(2 up to 3)	Instruction(2 up to 3)	Instruction(3 up to 4)	Instruction(3 up to 4)
Reg 2	"XX"	Instruction(4 up to 5)	Instruction(4 up to 5)	"XX"	Instruction(5 up to 6)