




ECE243 Lab 7 DE1-SoC Debugging Reference

			
SW[1:0]	HEX5 HEX4	HEX3 HEX2	HEX1 HEX0
0 0	PCwire	r0	r1
0 1	PCwire	r2	r3
1 0	ALU1wire	ALU2wire	ALUwire

SW[3:2]	LEDR9	LEDR8	LEDR7	LEDR6	LEDR5	LEDR4	LEDR3	LEDR2	LEDR1	LEDR0
0 0	PC Write	Addr Sel	Mem Read	Mem Write	IR Load	OpA Sel	MDR Load	OpAB Load	RF Write	Reg In
0 1									N	Z
1 0	ALU2[2:0]				ALU1	ALUOp[2:0]			ALUOut Write	Flag Write