Green sheet ISA Pipeline CPU

	Stall						
	Id			Null			
	Type	Op	Null	ivuii			
	31:30	29	28:26	25:0			
NOP	00	0	000	000000000000000000000000000000000000000			
END	00	1	000	00000000000000000000000000000			

		Data register-register							
	ld			Registers			Null		
	Type Op I		RD	RD RA RB		Null			
	31:30	29:27	26	25:22	21:18	17:14	13:0		
ADD	01	000	0	XXXX	XXXX	XXXX	00000000000000		
SUB	01	001	0	XXXX	XXXX	XXXX	00000000000000		
AND	01	010	0	XXXX	XXXX	XXXX	00000000000000		
OR	01	011	0	XXXX	XXXX	XXXX	00000000000000		
MOV	01	100	0	XXXX	0000	XXXX	00000000000000		
MOD	01	101	0	XXXX	XXXX	XXXX	00000000000000		
CMP	01	110	0	0000	XXXX	XXXX	00000000000000		

	Data register-immediate								
		ld		Registers					
	Tipo Op I			RD	RA	Immediate			
	31:30	29:27	26	25:22	21:18	17:0			
ADDI	01	000	1	XXXX	XXXX	xxxxxxxxxxxxxxx			
SUBI	01	001	1	XXXX	XXXX	xxxxxxxxxxxxxxx			
ANDI	01	010	1	XXXX	XXXX	xxxxxxxxxxxxxxx			
ORI	01	011	1	XXXX	XXXX	xxxxxxxxxxxxxxx			
MOV	01	100	1	xxxx	0000	xxxxxxxxxxxxxxx			
MOD	01	101	1	XXXX	XXXX	xxxxxxxxxxxxxxx			
CMPI	01	110	1	0000	XXXX	XXXXXXXXXXXXXXXXX			

		Memoria							
	ld Ad					dressing			
	Тур	е	Ор	Null	RD RA Immediate				
	31:	30	29	28:26	25:22	21:18	17:0		
LD	R 10)	0	000	XXXX	XXXX	xxxxxxxxxxxxxxx		
ST	R 10)	1	000	XXXX	XXXX	xxxxxxxxxxxxxxx		

	Control						
	ld			Null	Instruction number		
	Туре	Op	Null	Null	Immediate		
	31:30	29:28	27:26	25:18	17:0		
JMP	11	00	00	0000000	xxxxxxxxxxxxxxx		
JEQ	11	01	00	0000000	xxxxxxxxxxxxxxx		