

Signal	Plugin	Type	Default
PC	Fetcher	UInt(32 bits)	
INSTRUCTION	Fetcher	Bits(32 bits)	
REGFILE_RJ_ENABLE	RegisterFile	Bool()	False
REGFILE_RK_ENABLE	RegisterFile	Bool()	False
REGFILE_RJ_ADDR	RegisterFile	UInt(5 bits)	I(9:5)
REGFILE_RK_ADDR	RegisterFile	UInt(5 bits)	I(14:10)
REGFILE_RJ	RegisterFile	Bits(32 bits)	
REGFILE_RK	RegisterFile	Bits(32 bits)	
REGFILE_RD_ENABLE	RegisterFile	Bool()	False
REGFILE_RD_ADDR	RegisterFile	UInt(5 bits)	I(4:0)
REGFILE_RD	RegisterFile	Bits(32 bits)	
ALU_OP	IntAlu	AluOp	AluOp.add()
ALU_SRC2	IntAlu	AluSrc2	AluSrc2.rk()
ALU_OUT	IntAlu	Bits(32 bits)	

- ADD.W (IntAlu)

REGFILE_RJ_ENABLE	True
REGFILE_RK_ENABLE	True
REGFILE_RD_ENABLE	True

- SUB.W (IntAlu)

ALU_OP	AluOp.sub()
REGFILE_RJ_ENABLE	True
REGFILE_RK_ENABLE	True
REGFILE_RD_ENABLE	True

- ADDI.W (IntAlu)

ALU_SRC2	AluSrc2.si12()
REGFILE_RJ_ENABLE	True
REGFILE_RD_ENABLE	True

- LU12I.W (IntAlu)

ALU_OP	AluOp.src2()
ALU_SRC2	AluSrc2.si20()
REGFILE_RD_ENABLE	True