

ISA Design (NOT FINALIZED)

Instruction	Functionality	OPCODE
ADD	ADD RX, RY	001 XX YY
SUB	SUB RX, RY	010 XX YY
LDR	LDR RX, (RY)	100 XX YY
STR	STR RX, (RY)	110 XX YY
B	B imm	011 iii
AND		
XOR	XOR R0 R1	111 11 00
Init	Init RX, Imm	000 0 XX i
SLT		