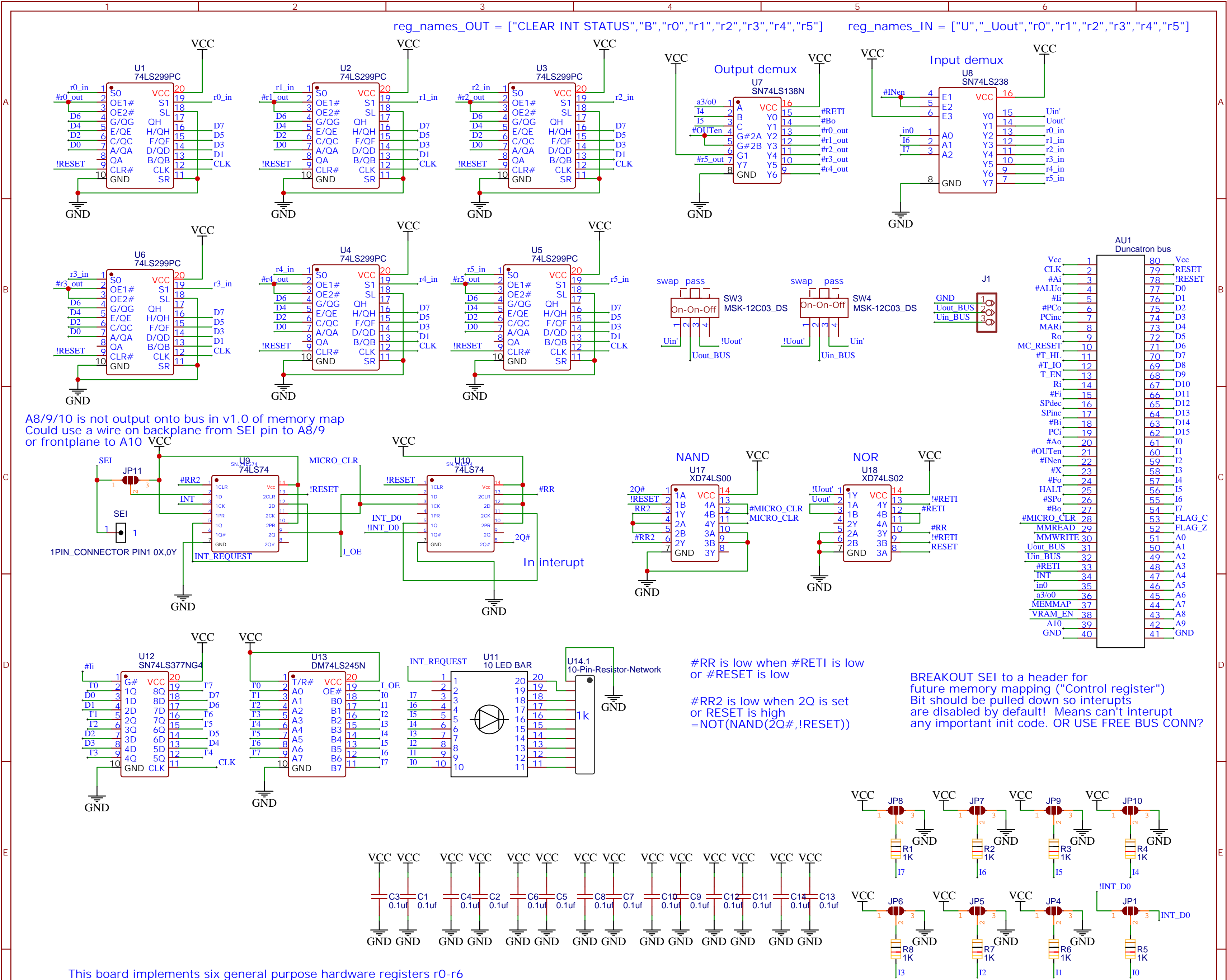


ALU format:
0b xxxx a3 a2 a1 a0
Reg select format:
0b i2 i1 o2 o1 o0 i0 x x

0b i7 i6 i5 i4 i3 i2 i1 i0

o0 = XOR(X-sig,x1) = a3
i0 = XOR(X-sig,a2)



This board implements six general purpose hardware registers r0-r6
The instruction register (and interrupt logic)
Interrupts run PUSH_PC+1 and INT in sequence. Opcode can be hardwired with solder jumpers
Transfer register also provided for moving data between hi and low 8-bit buses.
Can also perform a SHIFT RIGHT if X is enabled (HIGH) and LOAD is HIGH
(T_EN=1 and #T_IO =0)
Possess LED bank instruction register (not output selection?)

TITLE: REG schematic		REV: 1.0
	Company: Your Company	Sheet: 1/1
	Date: 2024-01-03	Drawn By: Duncan Scott