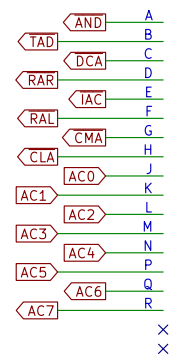
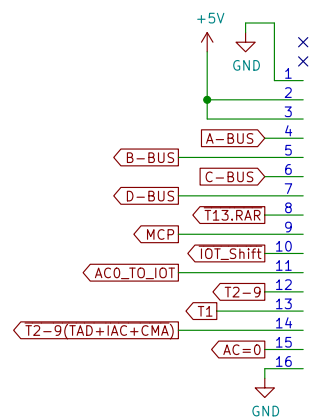
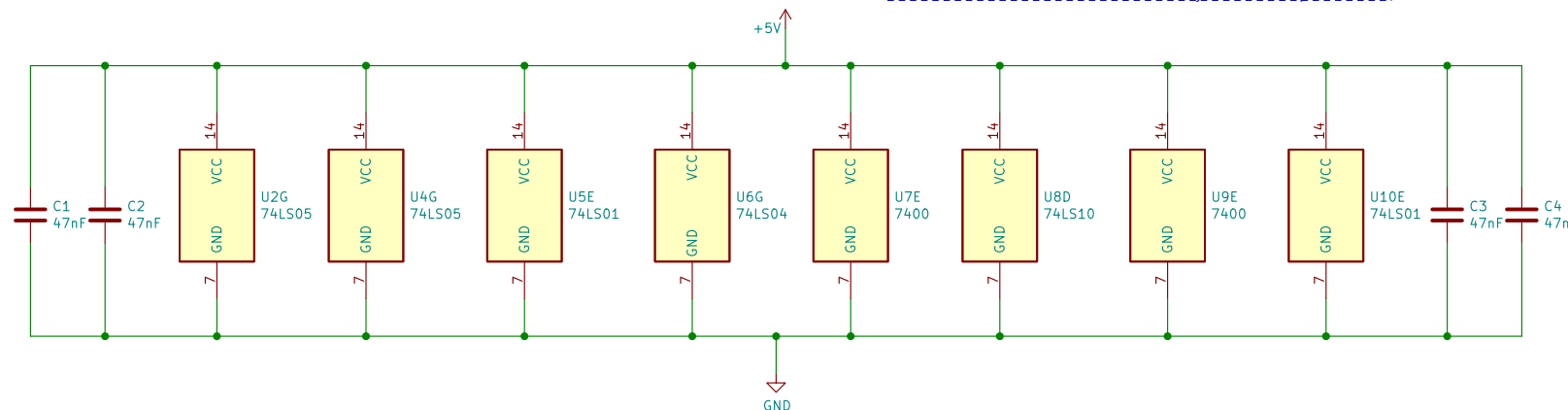


1. C-BUS not terminated on Accumulator board. Bus terminaing located in lower left quadrant of E8/C
2. Tie floating input gates to GND.
3. Add 0.1uf decoupling capacitor to the underside of PCB between +5v and GND
4. J1 and J2 are card edge etched onto PCB
5. Numbers in blue refer to original EDUC-8 Card edge connection



Gates not used		
Refdes	Part No	Description
U2B	7405	Hex inverter OC
U4B	7405	Hex inverter OC
U4C	7405	Hex inverter OC
U6C	7404	Hex inverter
U5C	7401	Quad NAND OC

Refdes	Part No	Description
U1	7495	shift register
U2	7405	Hex inverter OC
U3	7495	shift register
U4	7405	Hex inverter OC
U5	7401	Quad NAND OC
U6	7404	Hex inverter
U7	7400	Quad NAND
U8	7410	Triple 3 input NAND
U9	7400	Quad NAND
U10	7401	Quad NAND OC
R1	820R	1/4 watt resistor
R2	2K2	1/4 watt resistor
R3	2K2	1/4 watt resistor
R4	2K2	1/4 watt resistor
C1	0.47uF	Polyester capacitor
C2	0.47uF	Polyester capacitor
C3	0.47uF	Polyester capacitor
C4	0.47uF	Polyester capacitor



E8-A Accumulator

Sheet: /		
File: Accumulator.kicad_sch		
Title: EDUC-8A		
Size: A3	Date: 2019-08-04	Rev: 1.0
KiCad E.D.A. kicad (6.0.4-0)		Id: 1/1