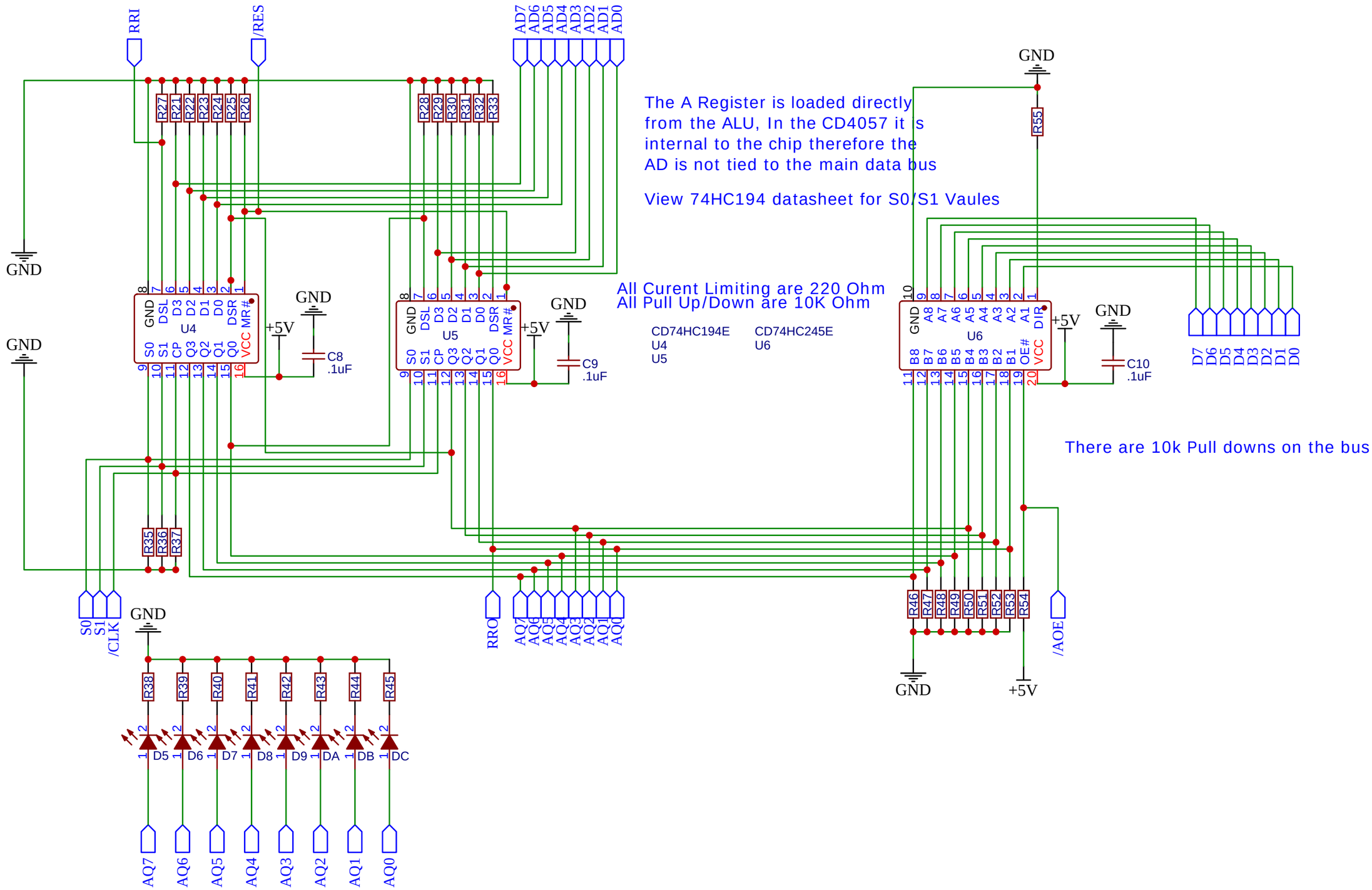
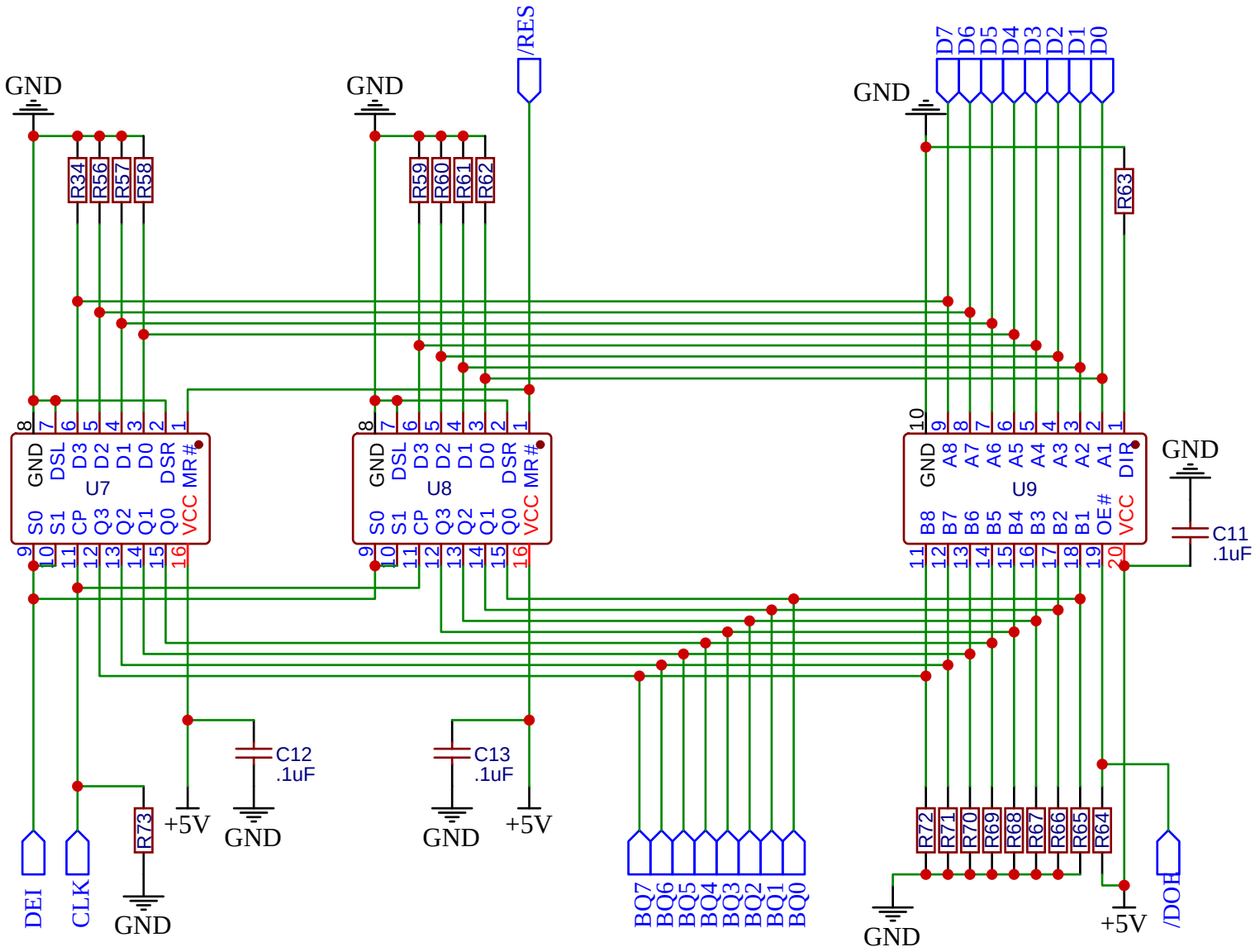


TITLE: Accumulator Register Module Register "A"		REV: 1.0
EasyEDA	Company: Z80_Dad	Sheet: 1/1
	Date: 2022-02-22 Drawn By: dave collins	

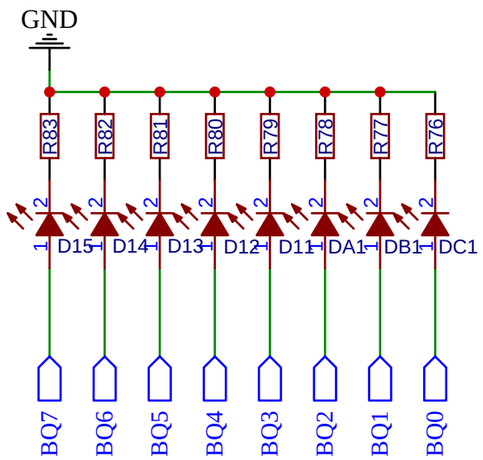
Latch pull downs support the main bus state



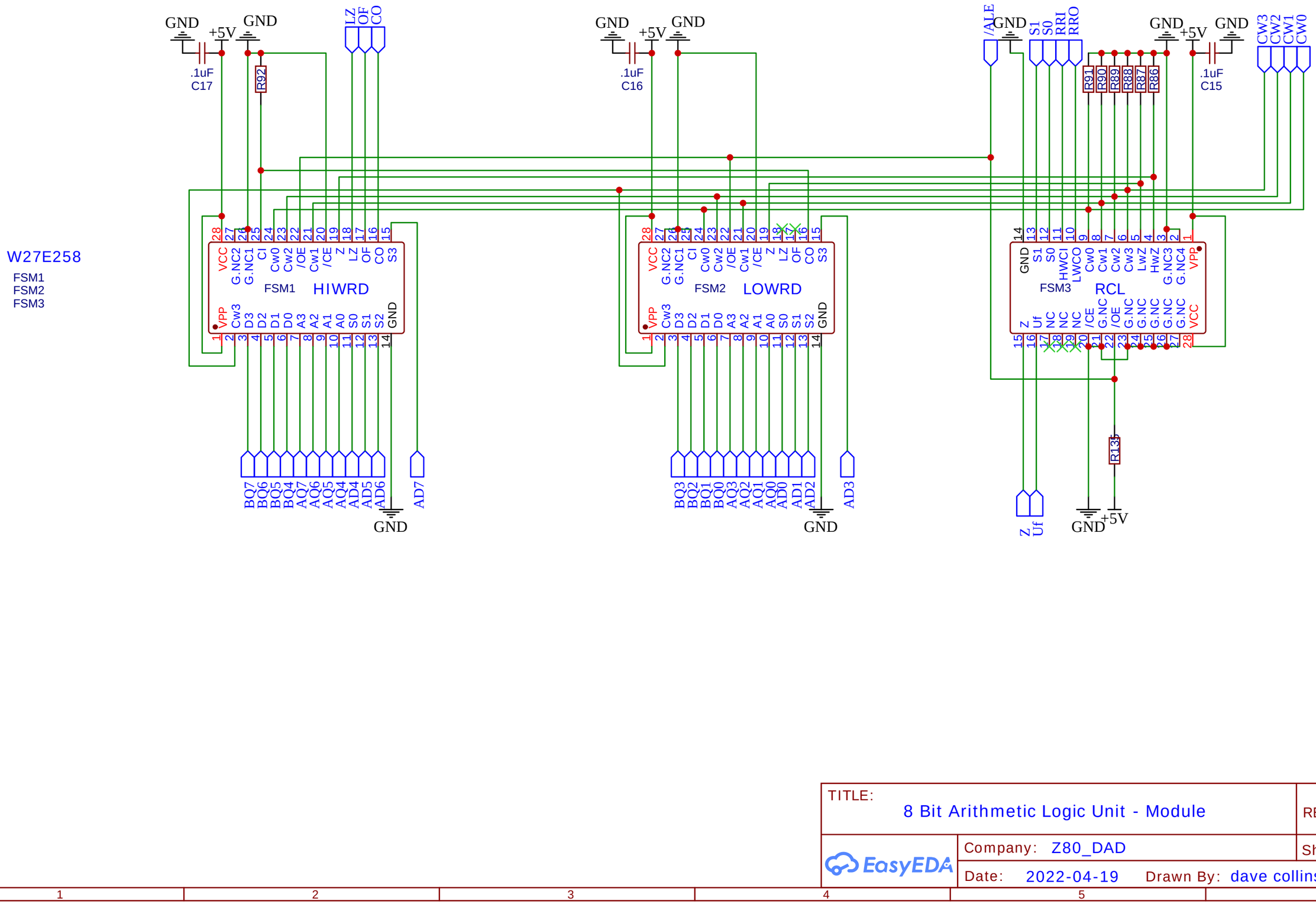
View 74HC194 datasheet for S0/S1 Vaules

All Curent Limiting are 220 Ohm
All Pull Up/Down are 10K Ohm

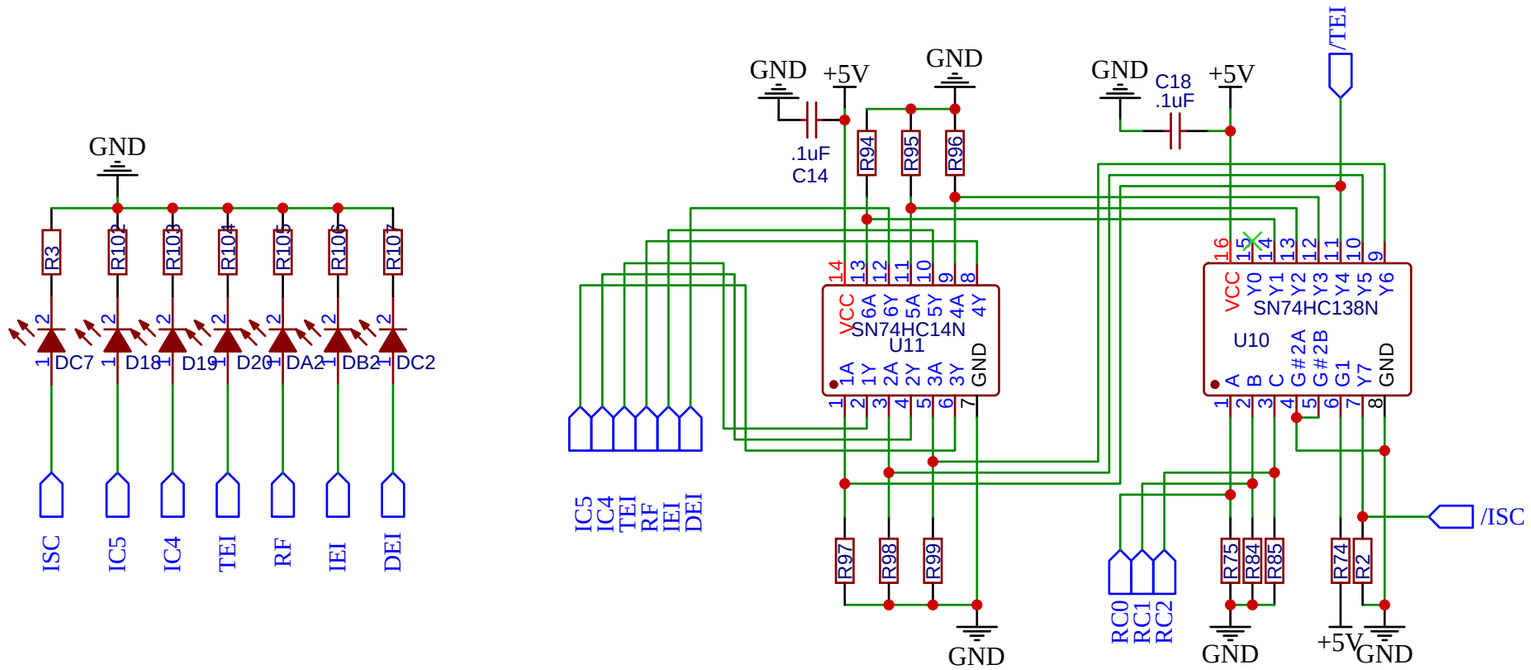
CD74HC194E	CD74HC245E
U7	U9
U8	



TITLE: Data Bus Storage Module Register "B"		REV: 2.0
EasyEDA	Company: Z80_Dad	Sheet: 1/1
	Date: 2022-04-18 Drawn By: dave collins	



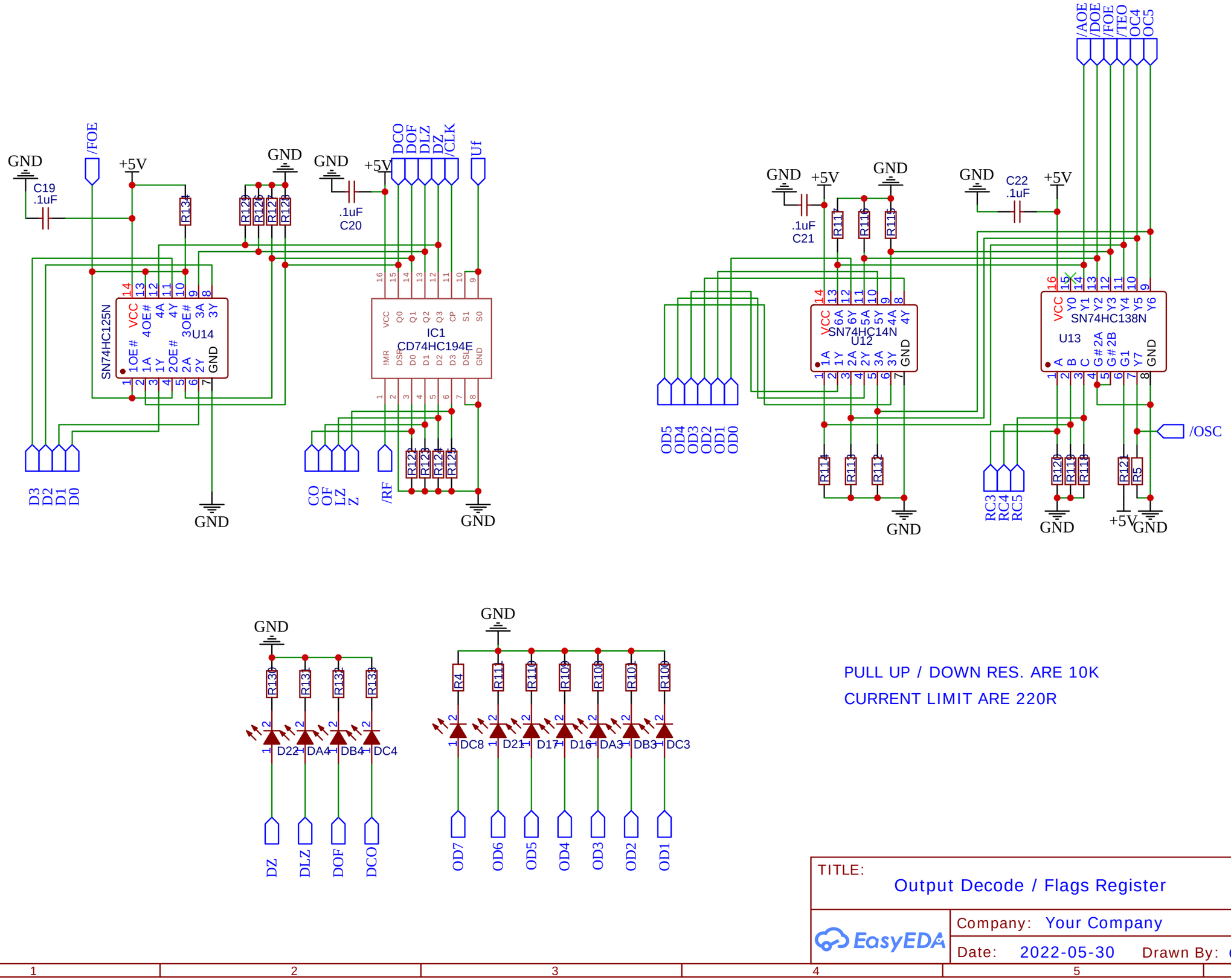
TITLE: 8 Bit Arithmetic Logic Unit - Module		REV: 1.0
EasyEDA	Company: Z80_DAD	Sheet: 1/1
	Date: 2022-04-19 Drawn By: dave collins	



PULL UP / DOWN RES. ARE 10K

CURRENT LIMIT ARE 220R

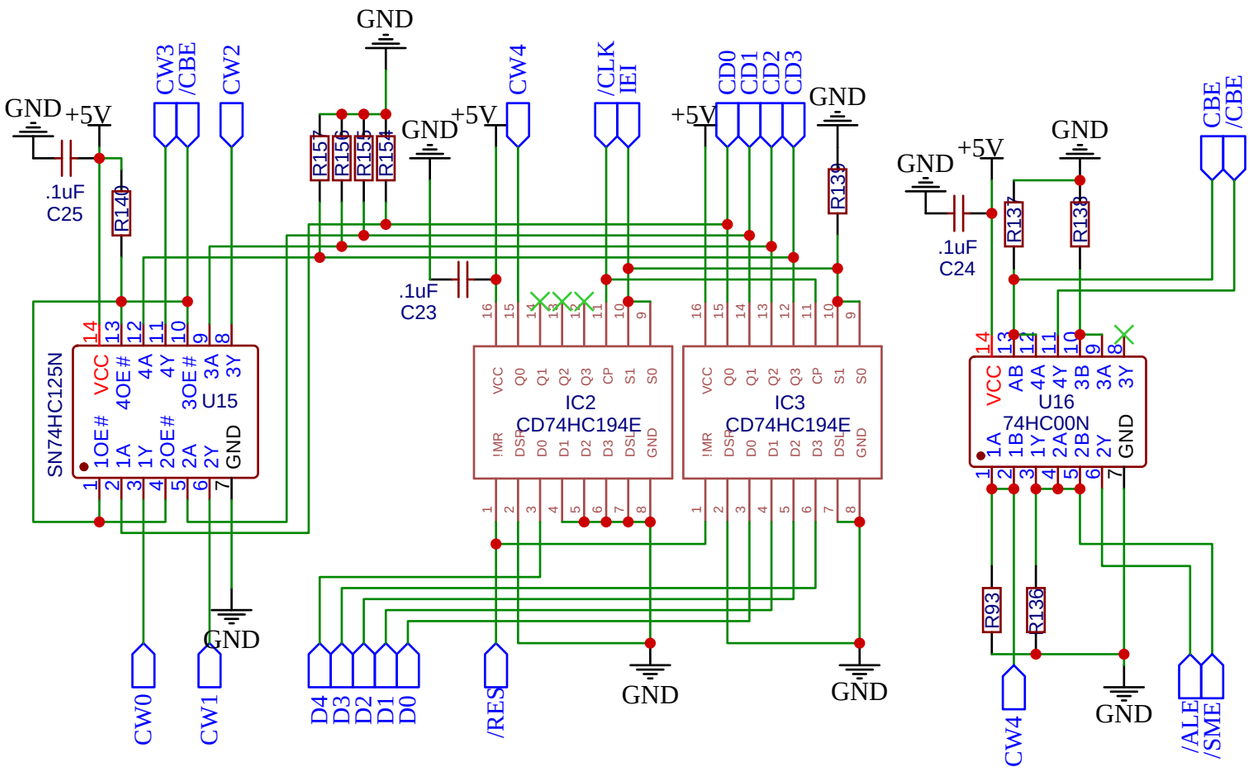
TITLE: Input Decode logic		REV: 1.0
EasyEDA	Company: Z80Dad	Sheet: 1/1
	Date: 2022-05-30 Drawn By: dave collins	



PULL UP / DOWN RES. ARE 10K

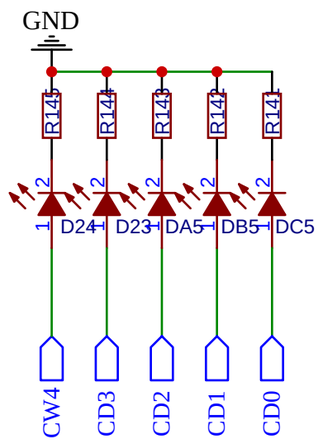
CURRENT LIMIT ARE 220R

TITLE: Output Decode / Flags Register		REV: 1.0
EasyEDA	Company: Your Company	Sheet: 1/1
	Date: 2022-05-30 Drawn By: dave collins	

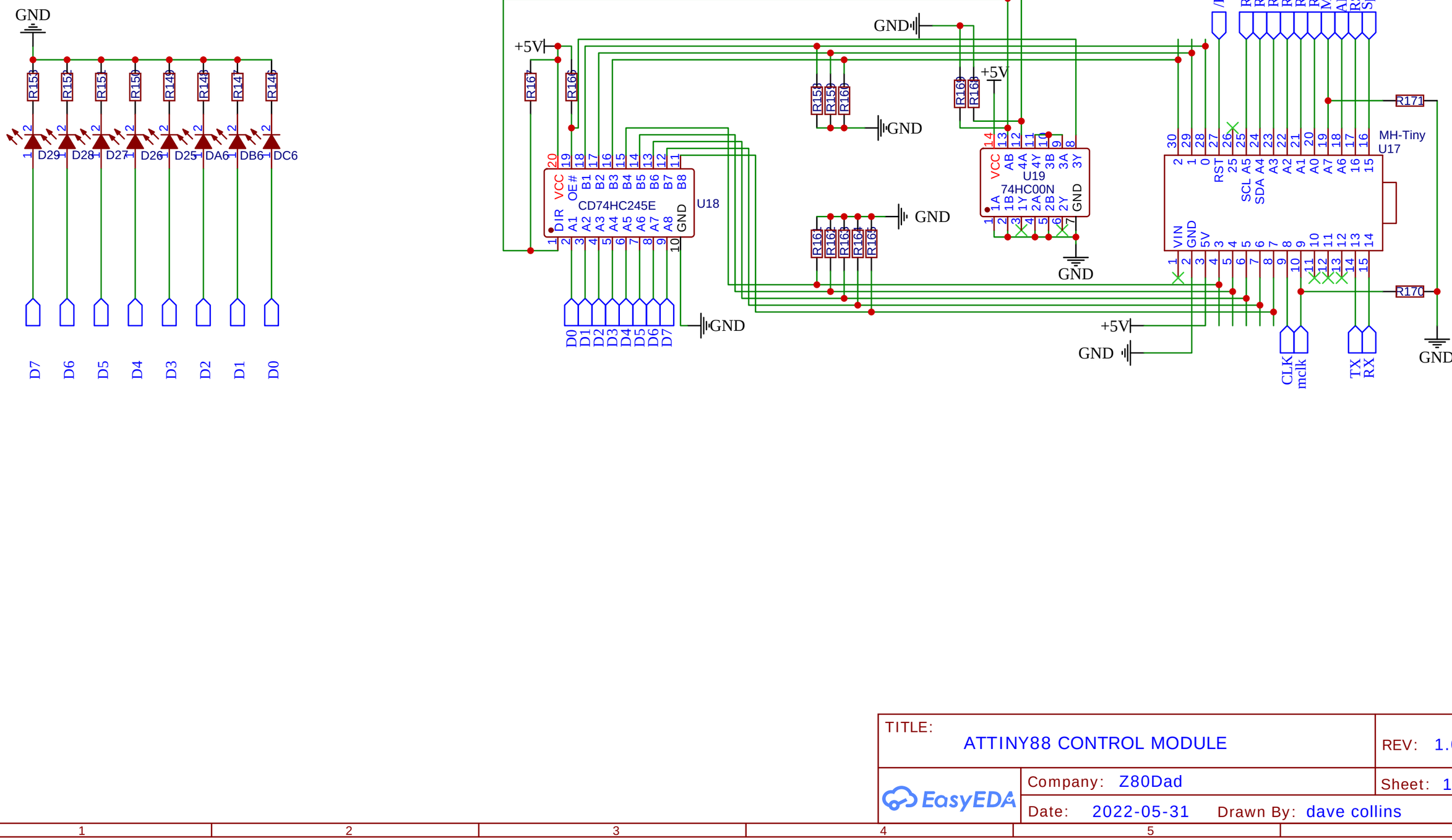


PULL UP / DOWN RES. ARE 10K

CURRENT LIMIT ARE 220R

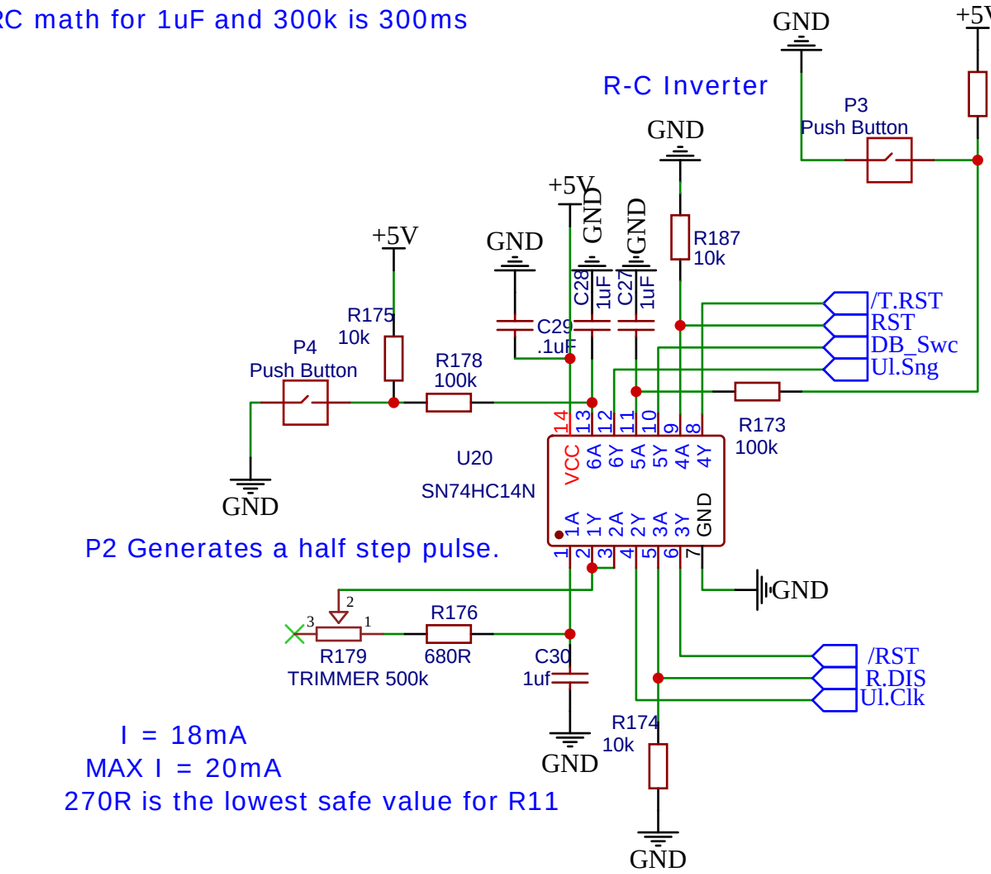


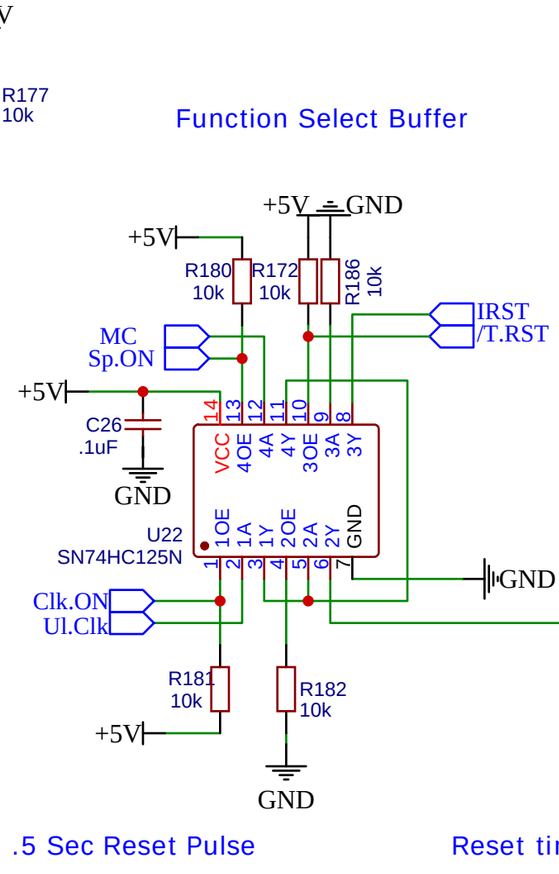
TITLE: Instruction Register		REV: 1.0
EasyEDA	Company: Z80Dad	Sheet: 1/1
	Date: 2022-05-31 Drawn By: dave collins	

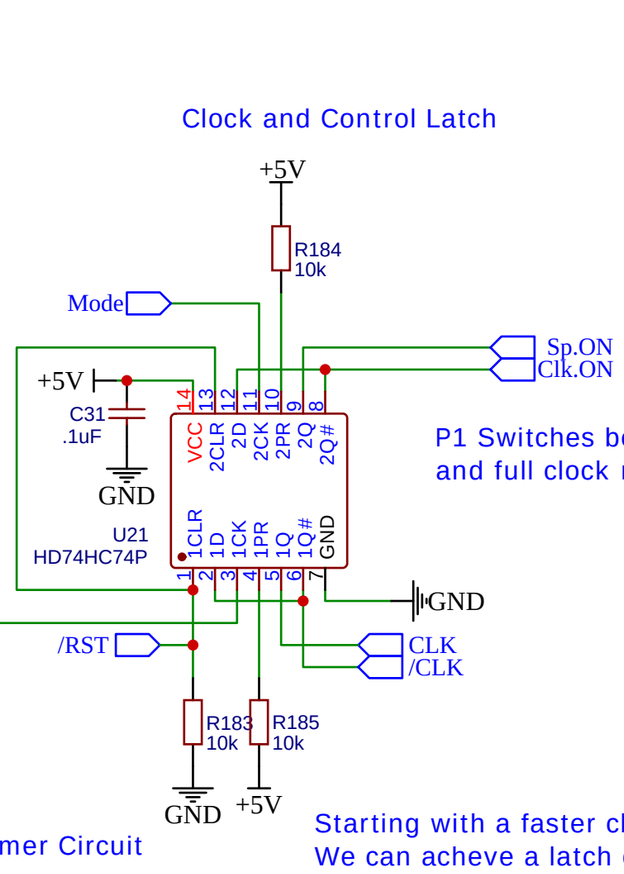


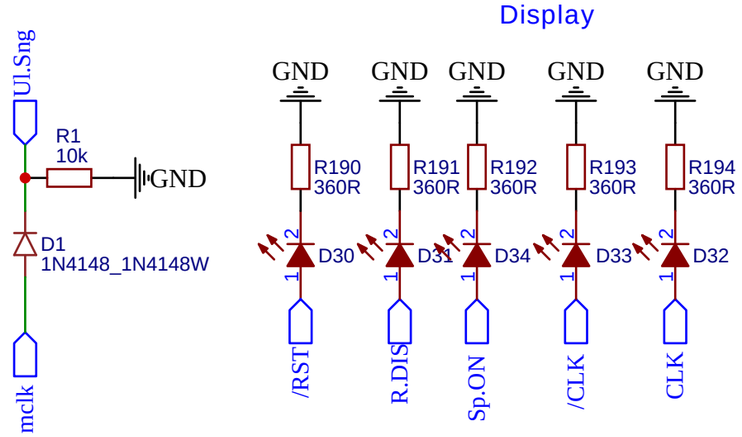
TITLE: ATTINY88 CONTROL MODULE		REV: 1.0
EasyEDA	Company: Z80Dad	Sheet: 1/1
	Date: 2022-05-31 Drawn By: dave collins	

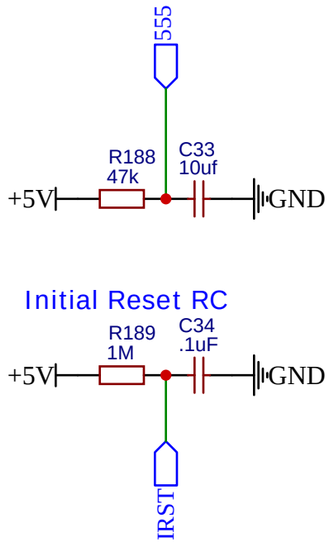
RC math for 1uF and 100k is 100ms
RC math for 1uF and 300k is 300ms

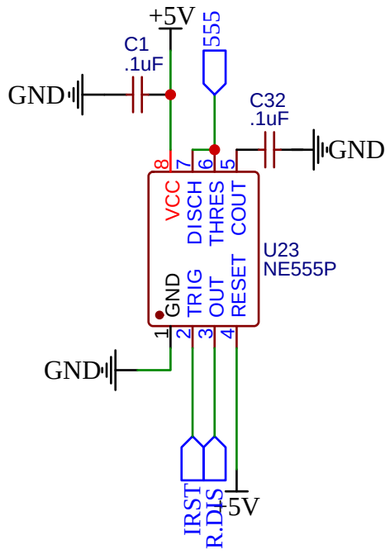










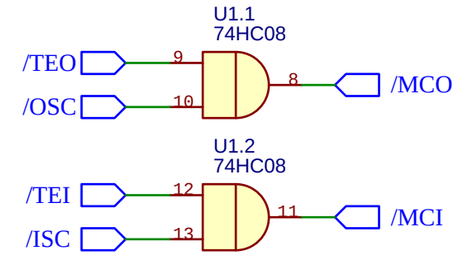


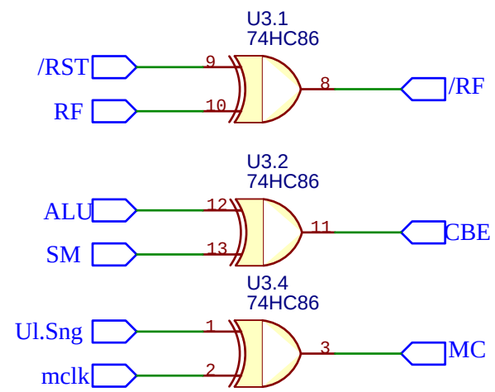
Starting with a faster clock than we need. We can acheve a latch clock that holds it's state through functional transitions.

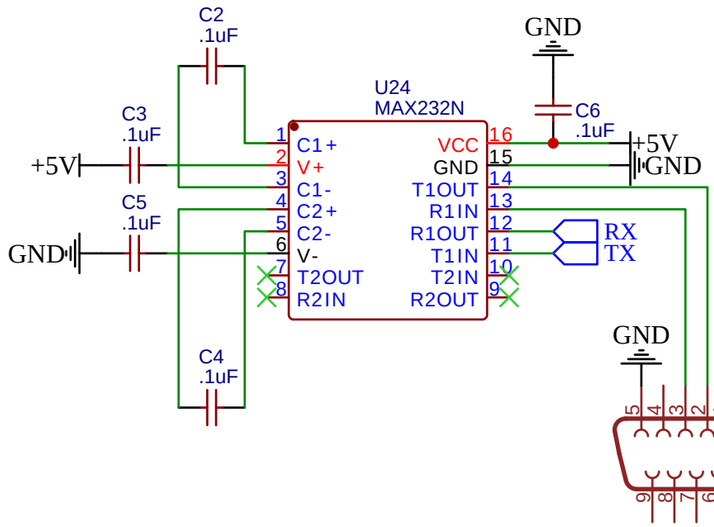
The Result is both a perfect 50% duty cycle between CLK & ~CLK, at the cost of 50% the frequency of Ul.CLK and CLK.

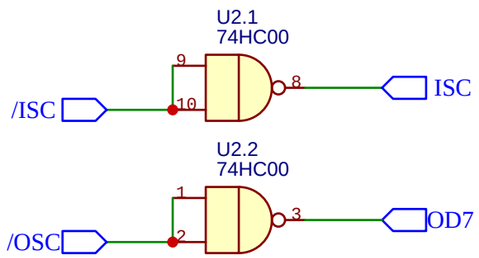
TITLE: Clock Module		REV: 2.0
EasyEDA	Company: Z80Dad	Sheet: 1/1
	Date: 2022-06-16 Drawn By: dave collins	

These are scattered throughout the build









TITLE: Glue Logic		REV: 1.0
EasyEDA	Company: Your Company	Sheet: 1/1
	Date: 2022-07-04 Drawn By: dave collins	