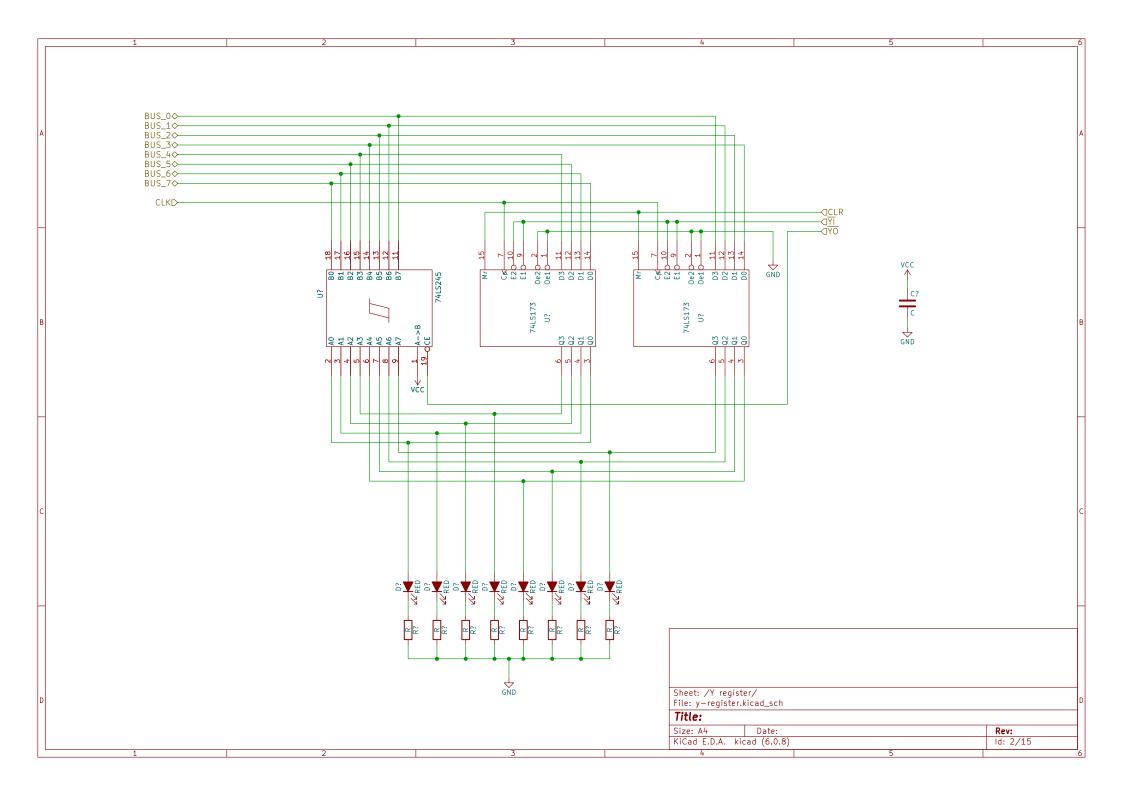
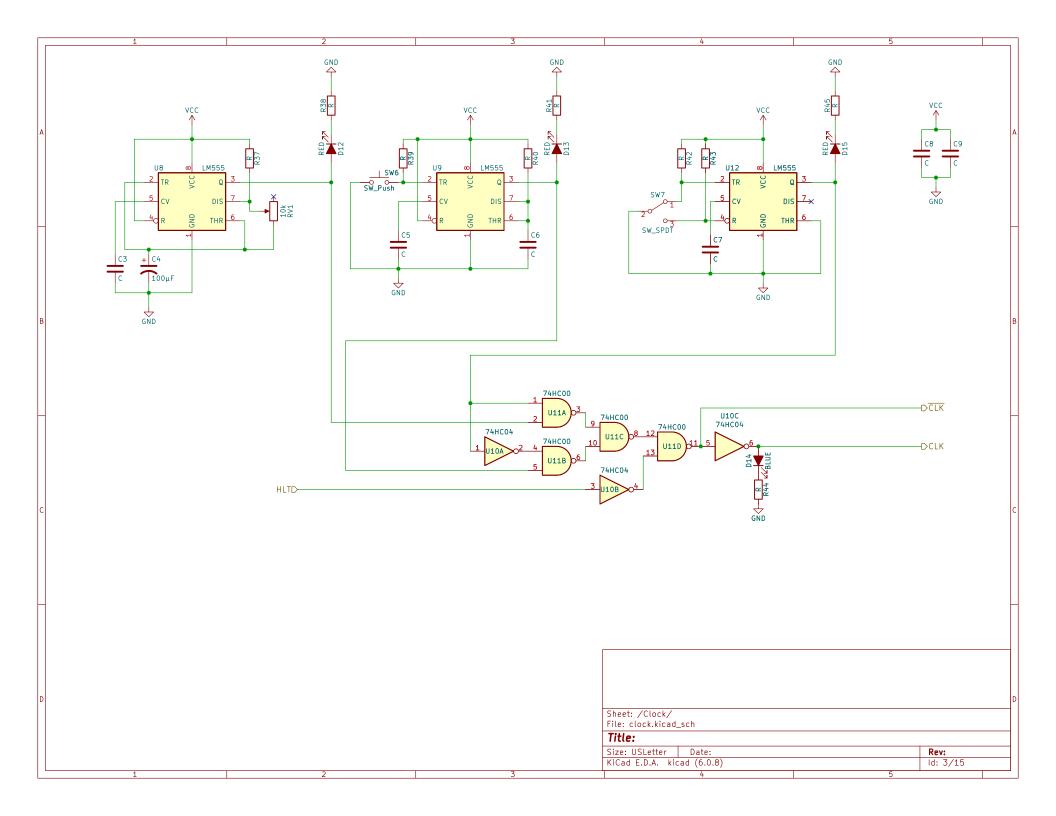
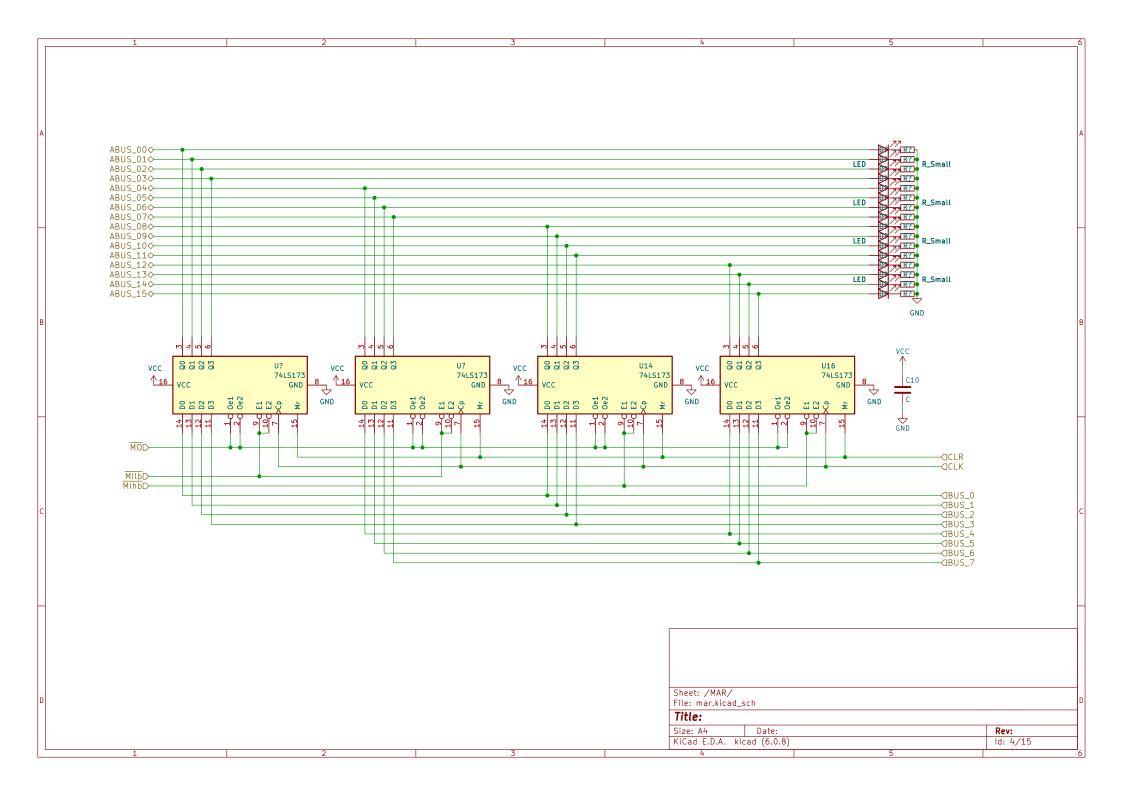
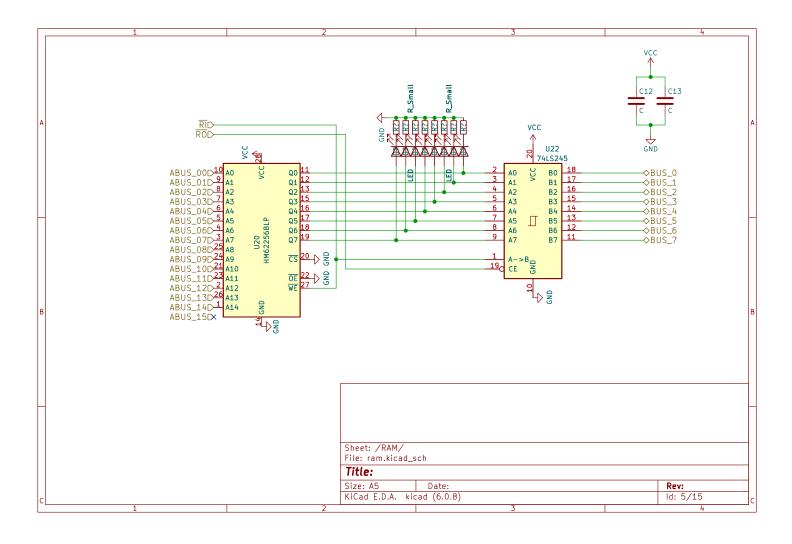
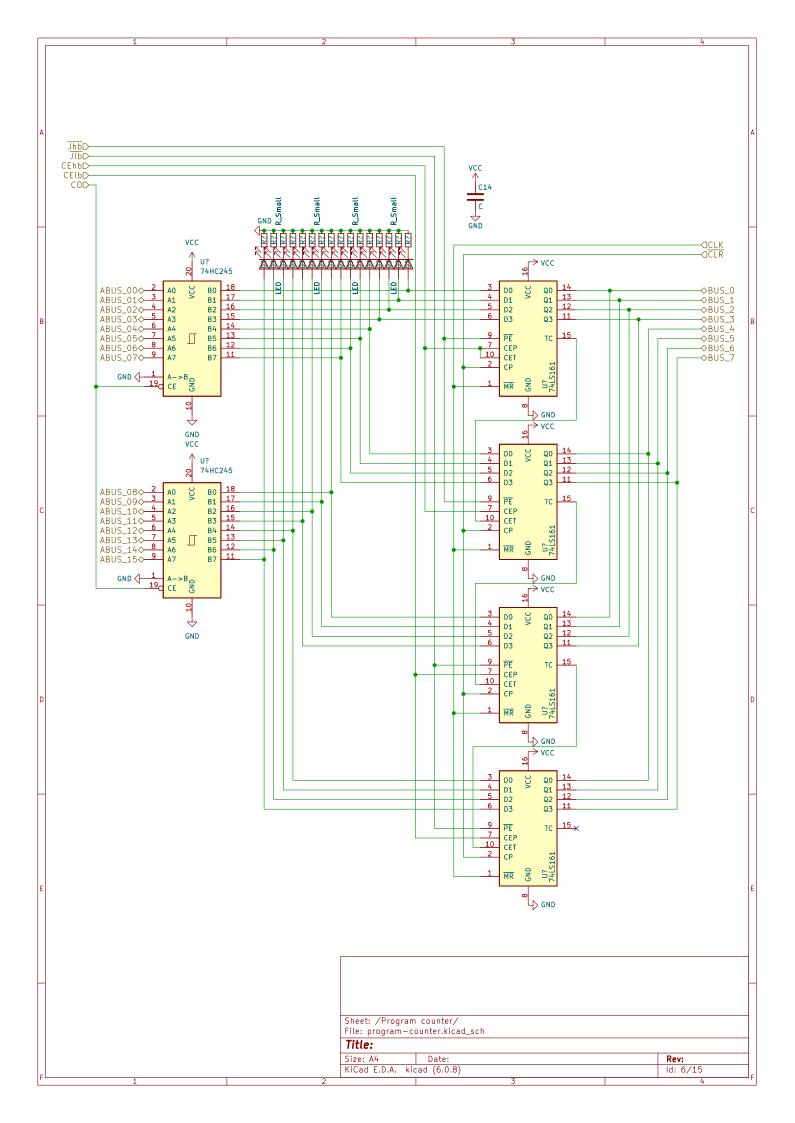
TODO: draw 10 Output Clock DBUS\_0 DBUS\_1 DBUS\_2 DBUS\_3 DBUS\_4 DBUS\_5 DBUS\_6 DBUS\_7 DHLT CLKD 010 File: clock.kicad\_sch Program counter upgrade <u>CLK</u>< D<u>Jlb</u> DJhb DCElb DCEhb >CLK ⊃CLR File: output.kicad\_sch X register ◇ABUS\_00 ◇ABUS\_01 ◇ABUS\_03 ◇ABUS\_03 ◇ABUS\_05 ◇ABUS\_05 ◇ABUS\_05 ◇ABUS\_105 ◇ABUS\_110 ◇ABUS\_110 ◇ABUS\_113 ◇ABUS\_13 ◇ABUS\_13 ◇ABUS\_13 XIQ XOQ DCLK >CLR File: x-register.kicad\_sch Y register ♦BUS\_0 ♦BUS\_1 ♦BUS\_2 ♦BUS\_3 ♦BUS\_4 ♦BUS\_5 ♦BUS\_5 ♦BUS\_6 YIC YOC File: program—counter.kicad\_ MAR ><u>MIlb</u> ><u>MIhb</u> >MO upgrade >CLK >CLR File: y-register.kicad\_sch A register ◇BUS\_0 ◇BUS\_1 ◇BUS\_2 ◇BUS\_3 ◇BUS\_4 ◇BUS\_5 ◇BUS\_6 ◇BUS\_7 AIC AOC built ALU built CLK C EO C DCLR. File: mar.kicad\_sch File: a-register.kicad\_sch ◇BUS\_0 ◇BUS\_1 ◇BUS\_2 ◇BUS\_3 ◇BUS\_4 ◇BUS\_5 ◇BUS\_6 ◇BUS\_7 RAM upgrade →<u>RI</u> →RO >RO
>ABUS\_00
>ABUS\_01
>ABUS\_01
>ABUS\_02
>ABUS\_03
>ABUS\_03
>ABUS\_03
>ABUS\_05
>ABUS\_06
>ABUS\_06
>ABUS\_07
>ABUS\_08
>ABUS\_08
>ABUS\_08
>ABUS\_11
>ABUS\_12
>ABUS\_12
>ABUS\_13
>ABUS\_15 B register ♦ BUS\_0 ♦ BUS\_1 • BUS\_2 • BUS\_3 • BUS\_4 • BUS\_5 • BUS\_6 • BUS\_7 CoutD built BIC BOC >CLK File: alu.kicad\_sch Flags File: b-register.kicad\_sch File: ram.kicad\_sch OCLK OCLR Cin Cout⊲ Instruction register ◆BUS\_0 built ◆BUS\_1 ◆BUS\_2 ◆BUS\_3 ◆BUS\_4 ◆BUS\_5 ◆BUS\_5 ◆BUS\_6 ◆BUS\_7 100 R\_0D-IR\_12D-IR\_12D-IR\_4D-IR\_5D-IR\_6D-IR\_7D-IR\_7D-BUS\_4 BUS\_5 BUS\_6 BUS\_7 built OVRDD FIC >CLK File: Flags register.kicad\_sch \_c̃ir File: inst-register.kicad Control logic File: control.kicad\_sch >OVRD File: IO.kicad\_sch Sheet: / File: 8bit-computer.kicad\_sch Title: Size: A3 Rev: KiCad E.D.A. kicad (6.0.8) ld: 1/15

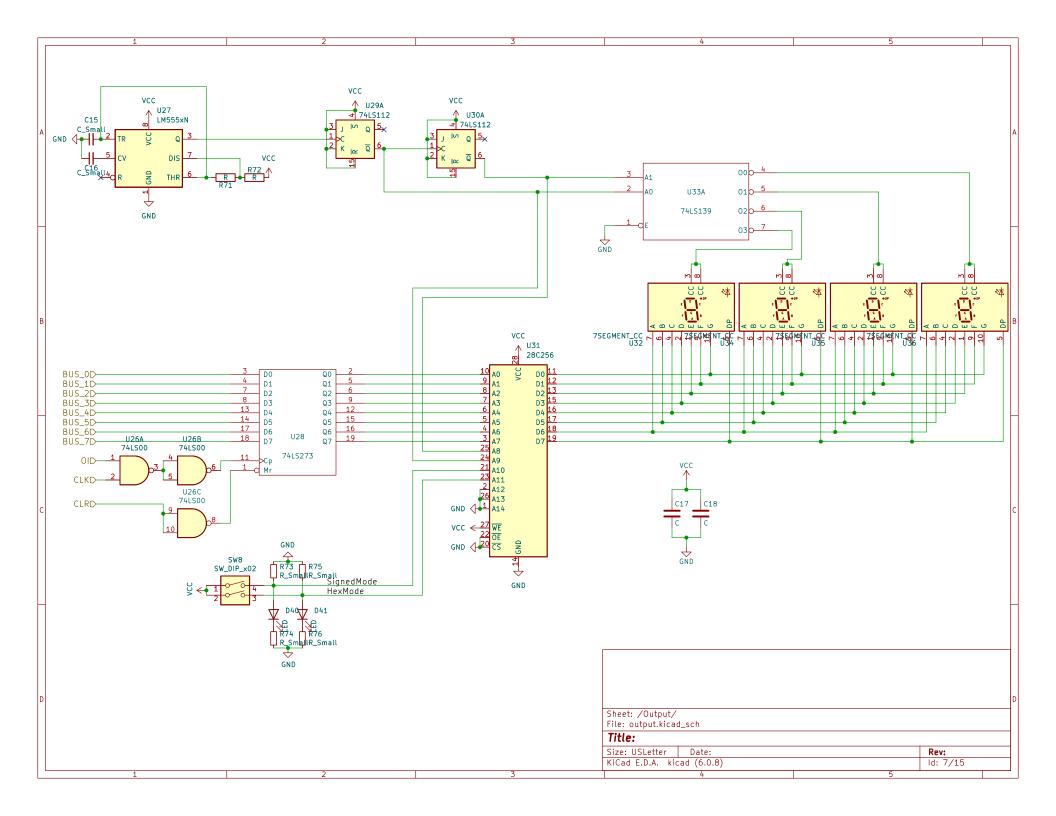


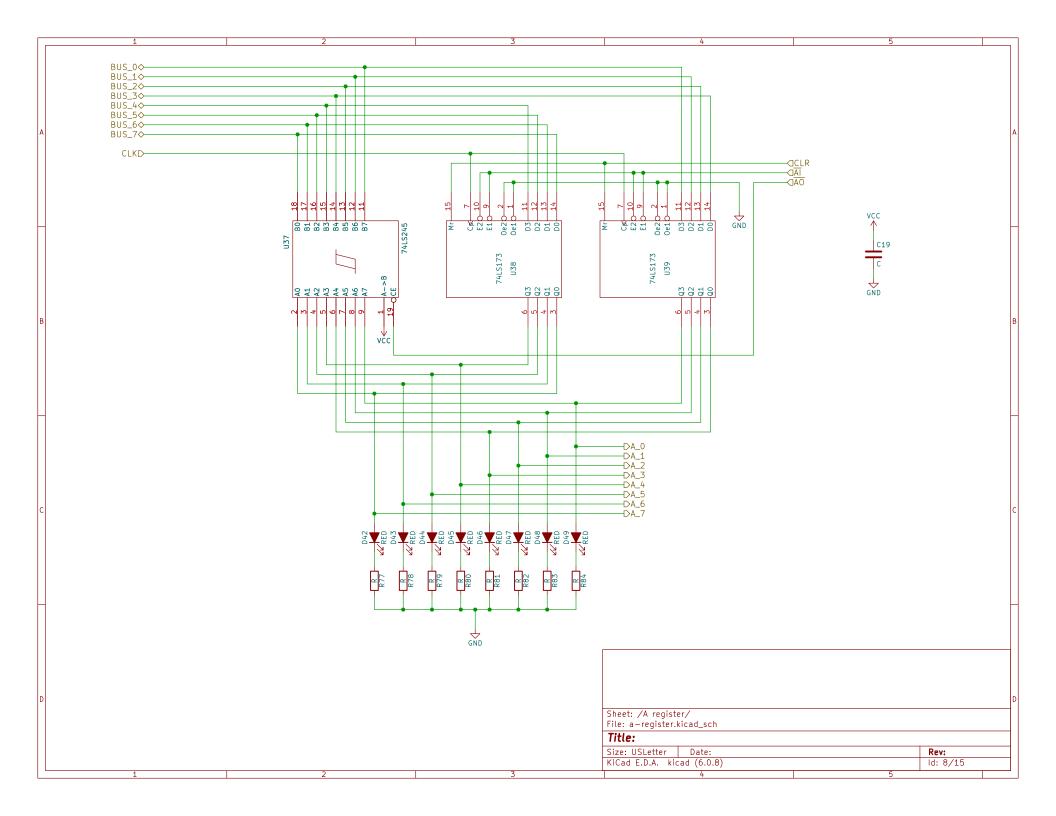


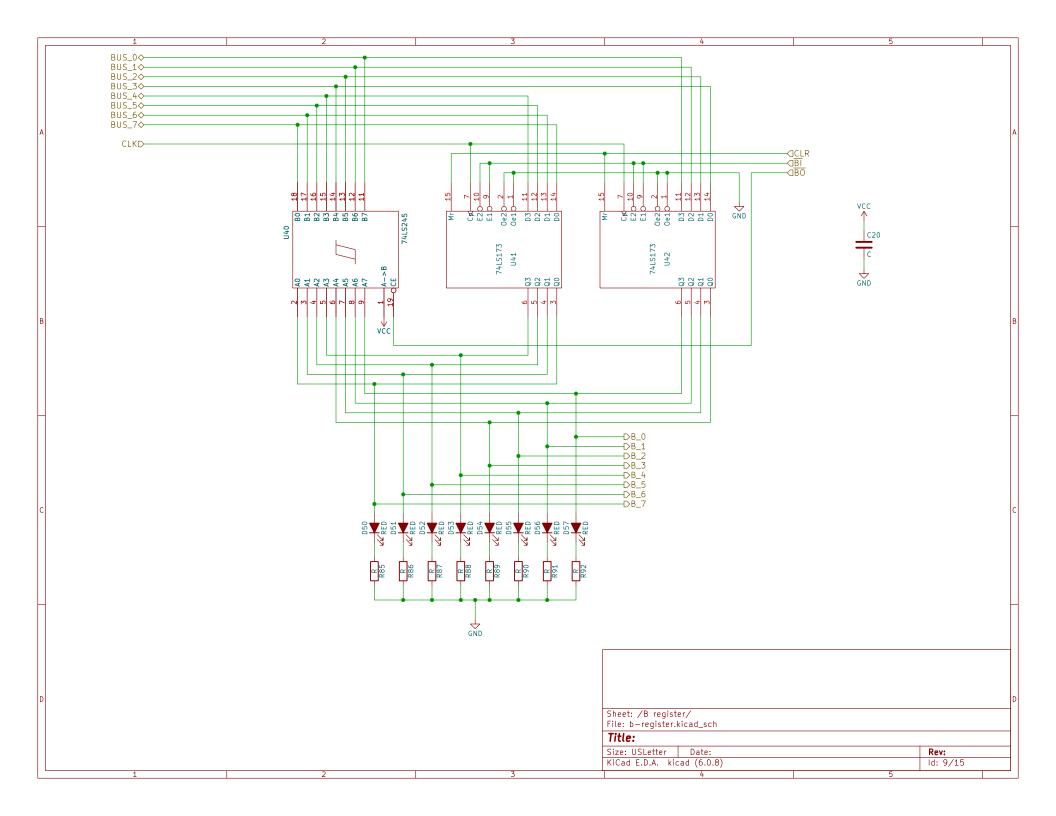


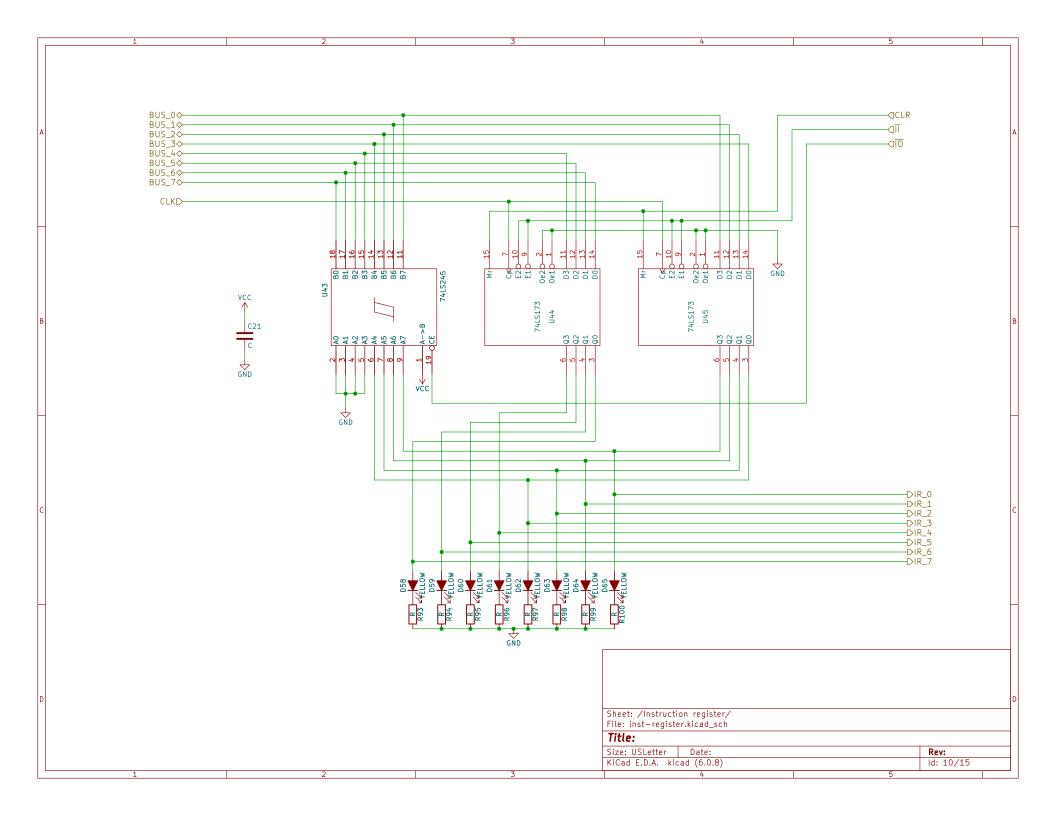


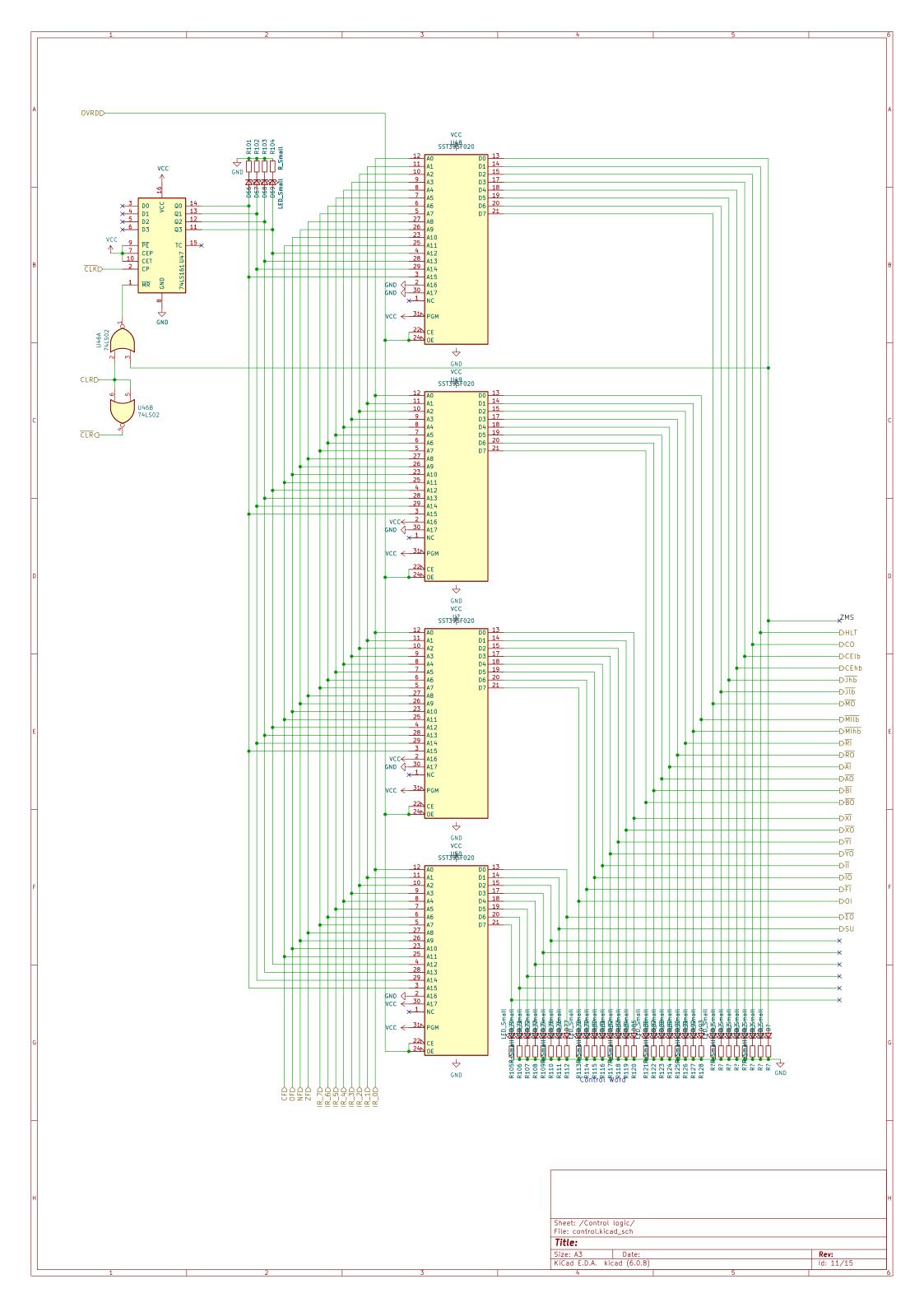


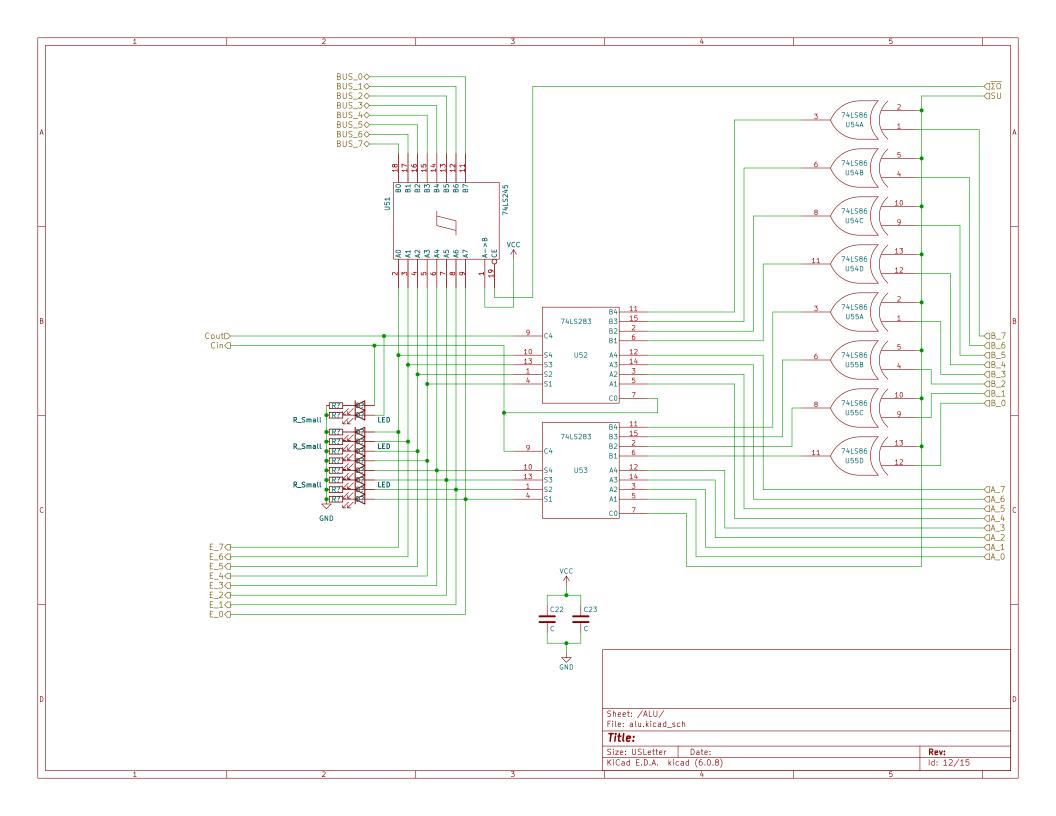


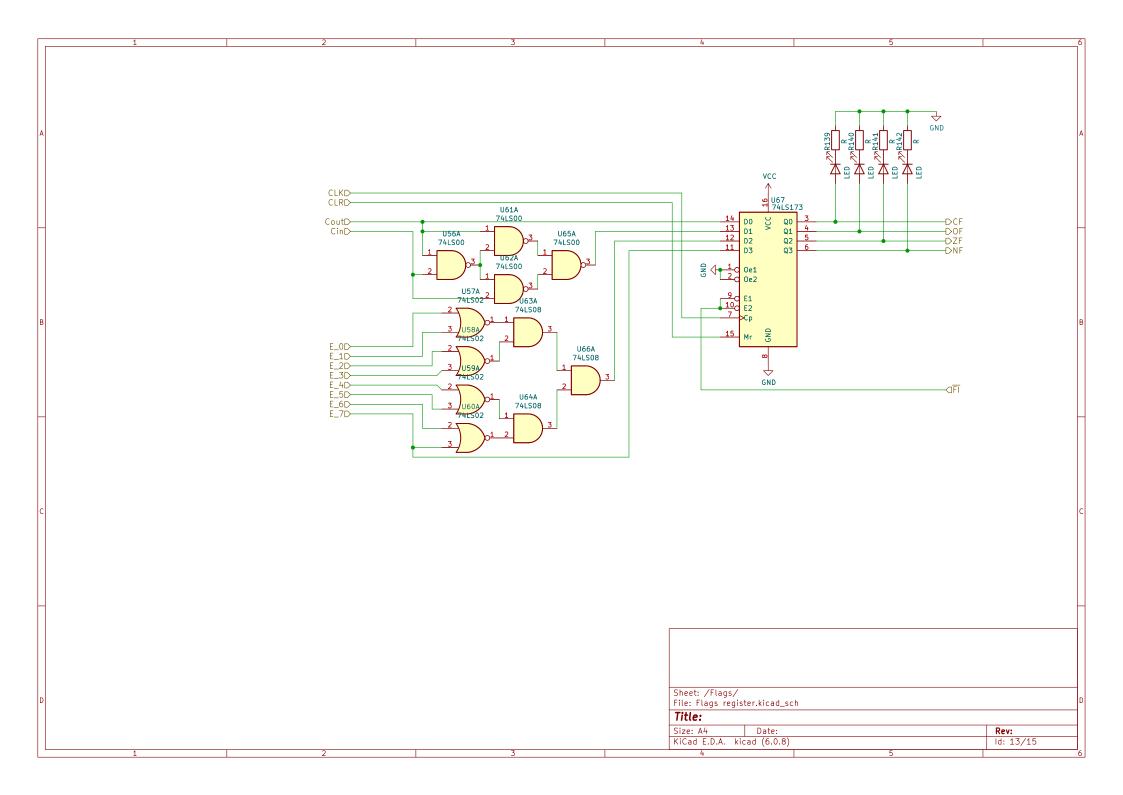


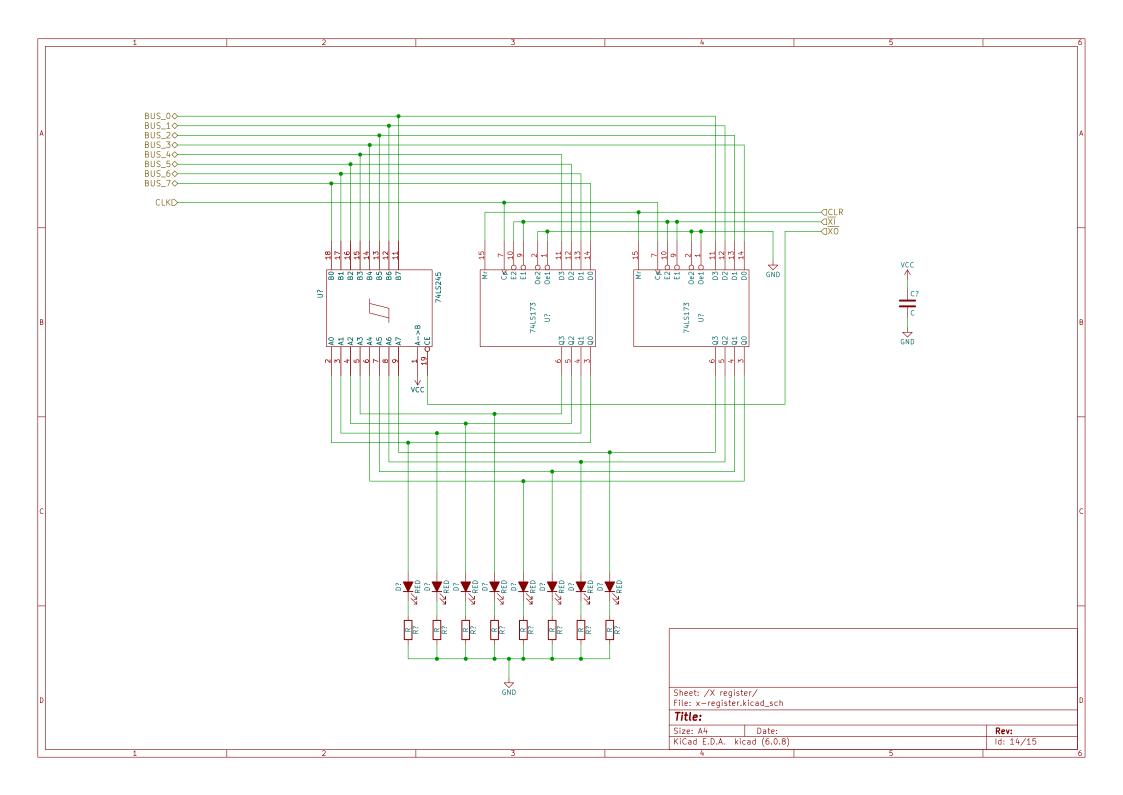












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	ABUS_00♦ ABUS_01♦ ABUS_02♦					<pre>◇BUS_1 ◇BUS_2 ◇BUS_3</pre>		
	ABUS_03♦ ABUS_04♦					◇BUS_3		
	ABUS_05♦					♦BUS_4 ♦BUS_5		
	ABUS_03\$  ABUS_03\$  ABUS_04\$  ABUS_05\$  ABUS_07\$  ABUS_07\$  ABUS_09\$  ABUS_10\$  ABUS_11\$  ABUS_12\$  ABUS_12\$					♦BUS_6 ♦BUS_7		
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