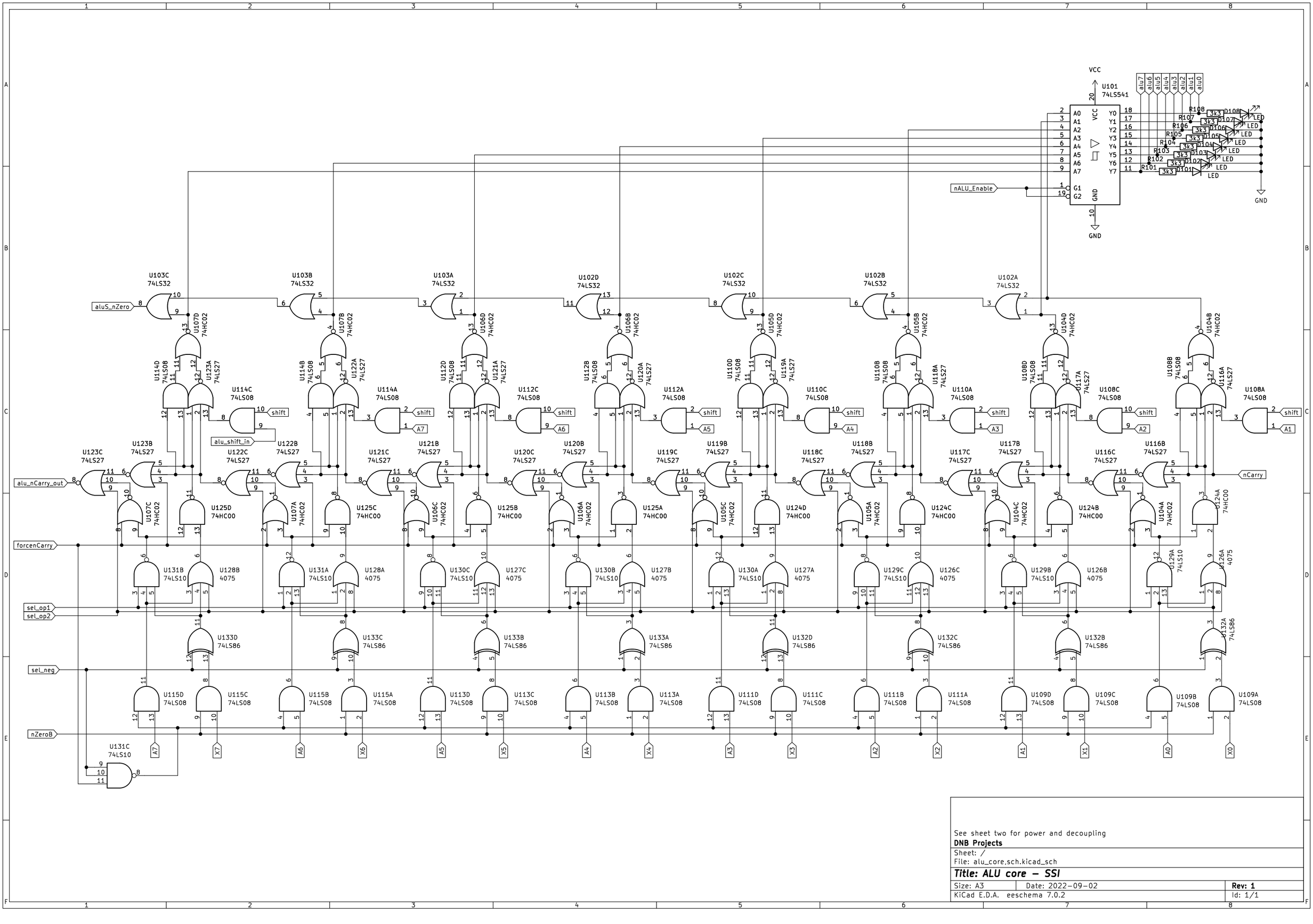
VCC
U101
74LS541
alu7
alu6
alu5
alu4
alu3
alu2
alu1
alu0
R108
R107
R106
R105
R104
R103
R102
R101
3k3
D108
D107
D106
D105
D104
D103
D102
D101
LED
GND
nALU_Enable
aluS_nZero
alu_shift_in
alu_nCarry_out
forcenCarry
sel_op1
sel_op2
sel_neg
nZeroB
nCarry
shift
A7
A6
A5
A4
A3
A2
A1
A0
X7
X6
X5
X4
X3
X2
X1
X0
U103C 74LS32
U103B 74LS32
U103A 74LS32
U102D 74LS32
U102C 74LS32
U102B 74LS32
U102A 74LS32
U107D 74HC02
U107B 74HC02
U106D 74HC02
U106B 74HC02
U105D 74HC02
U105B 74HC02
U104D 74HC02
U104B 74HC02
U114D 74LS08
U114B 74LS08
U112D 74LS08
U112B 74LS08
U110D 74LS08
U110B 74LS08
U108D 74LS08
U108B 74LS08
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U122A 74LS27
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U114C 74LS08
U114A 74LS08
U112C 74LS08
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DNB Projects
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Rev: 1
KiCad E.D.A. eeschema 7.0.2
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