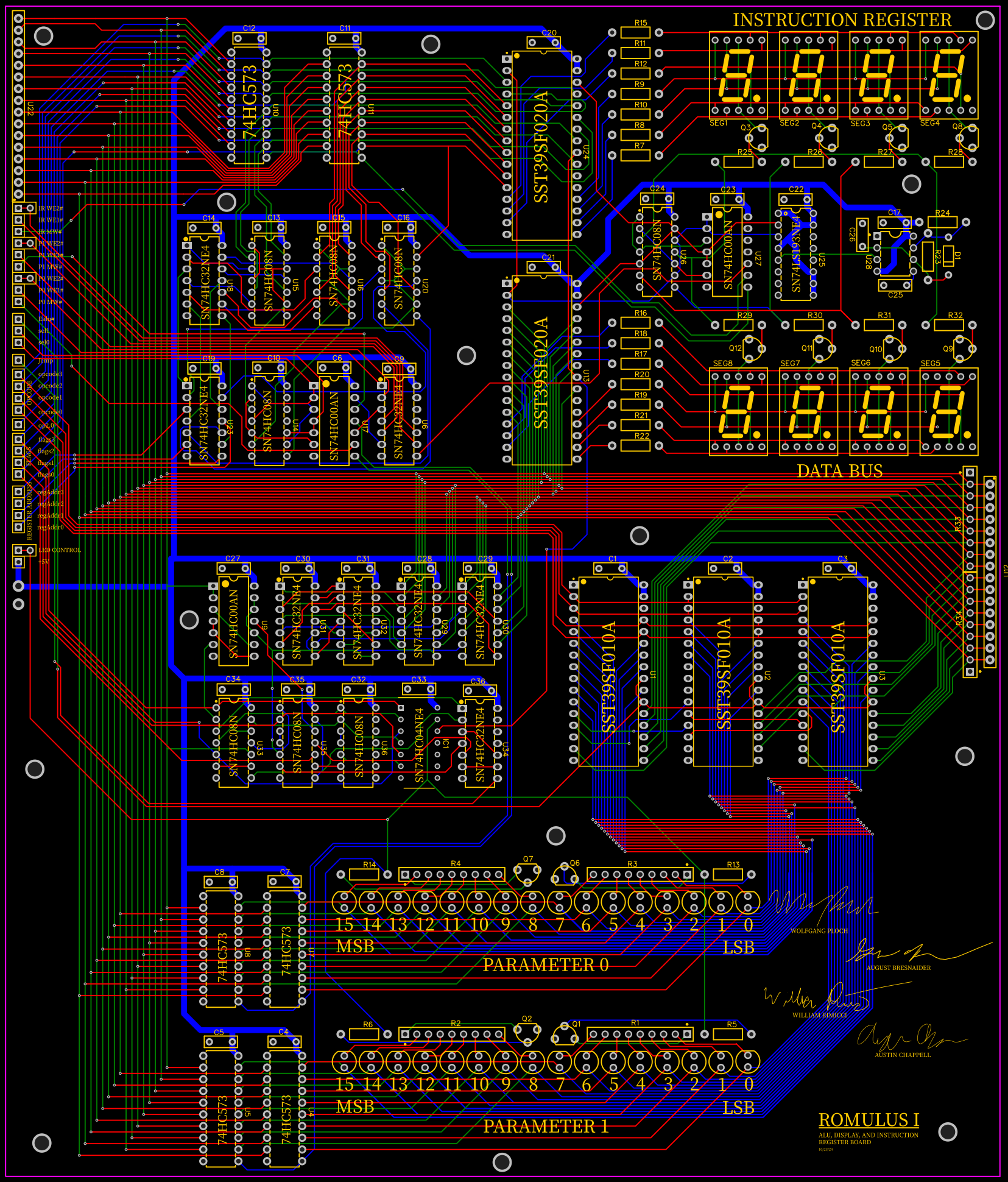
INSTRUCTION REGISTER
DATA BUS
PARAMETER 0
PARAMETER 1
MSB
LSB
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0
SST39SF020A
SST39SF010A
74HC573
SN74HC32NE4
SN74HC08N
SN74HC00AN
SN74HC04NE4
SN74LS93NE4
IR WE2#
IR WE1#
IR MW#
P0 WE2#
P0 WE1#
P0 MW#
P1 WE2#
P1 WE1#
P1 MW#
Enable
sel1
sel0
temp
opcode3
opcode2
opcode1
opcode0
OPCODE
op2-0
flags3
flags2
flags1
flags0
FLAGS
regAddr3
regAddr2
regAddr1
regAddr0
REGISTER ADDRESS
LED CONTROL
+5V
WOLFGANG PLOCH
AUGUST BRESNAIDER
WILLIAM RINICCI
AUSTIN CHAPPELL
ROMULUS I
ALU, DISPLAY, AND INSTRUCTION REGISTER BOARD
10/23/24