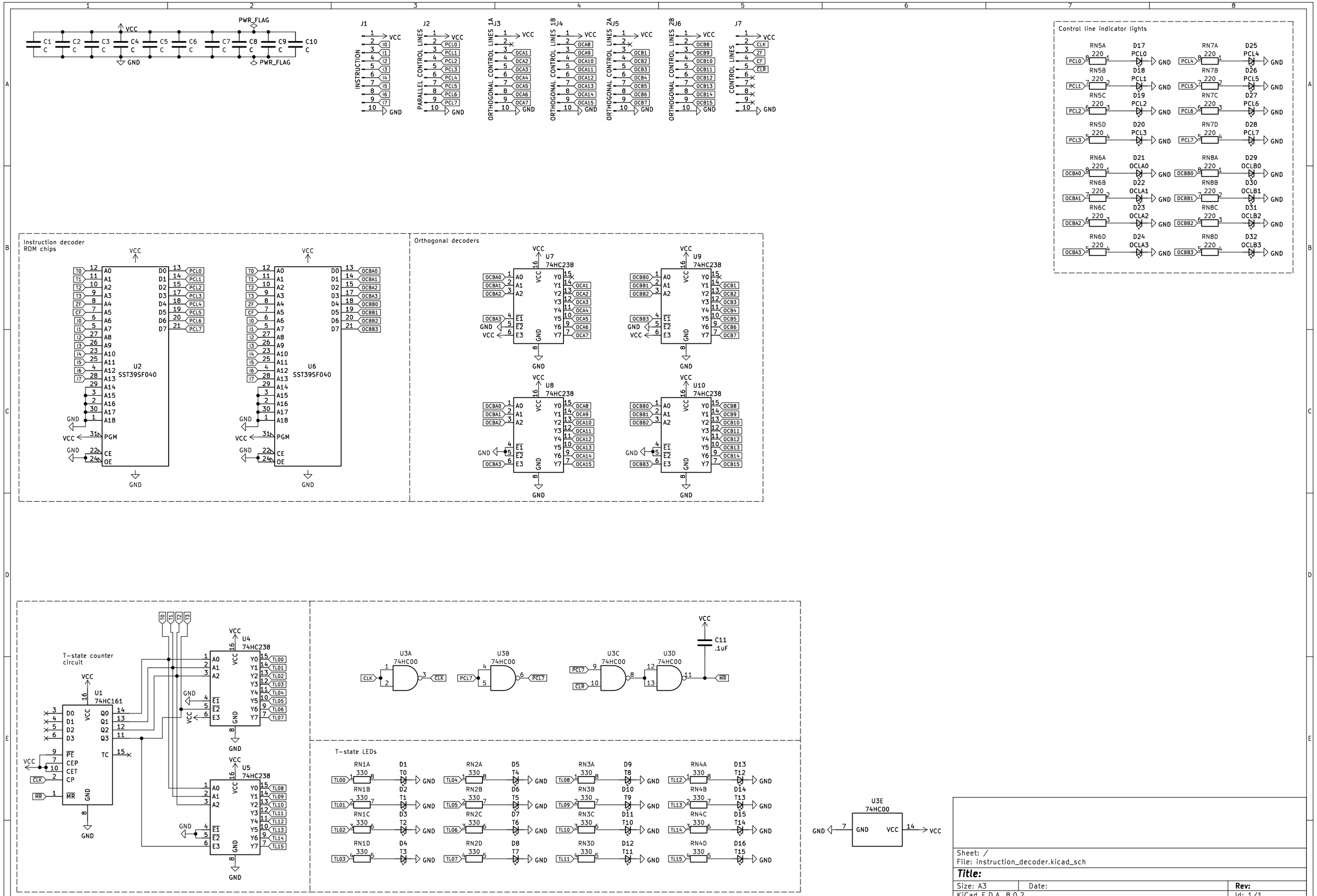
VCC
PWR_FLAG
C1 C2 C3 C4 C5 C6 C7 C8 C9 C10
GND
J1 INSTRUCTION
J2 PARALLEL CONTROL LINES
J3 ORTHOGONAL CONTROL LINES 1A
J4 ORTHOGONAL CONTROL LINES 1B
J5 ORTHOGONAL CONTROL LINES 2A
J6 ORTHOGONAL CONTROL LINES 2B
J7 CONTROL LINES
Control line indicator lights
Instruction decoder
ROM chips
U2 SST39SF040
U6 SST39SF040
Orthogonal decoders
U7 74HC238
U8 74HC238
U9 74HC238
U10 74HC238
T-state counter circuit
U1 74HC161
U4 74HC238
U5 74HC238
U3A 74HC00
U3B 74HC00
U3C 74HC00
U3D 74HC00
C11 .1uF
T-state LEDs
U3E 74HC00
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Date:
Rev:
KiCad E.D.A. 8.0.2
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