

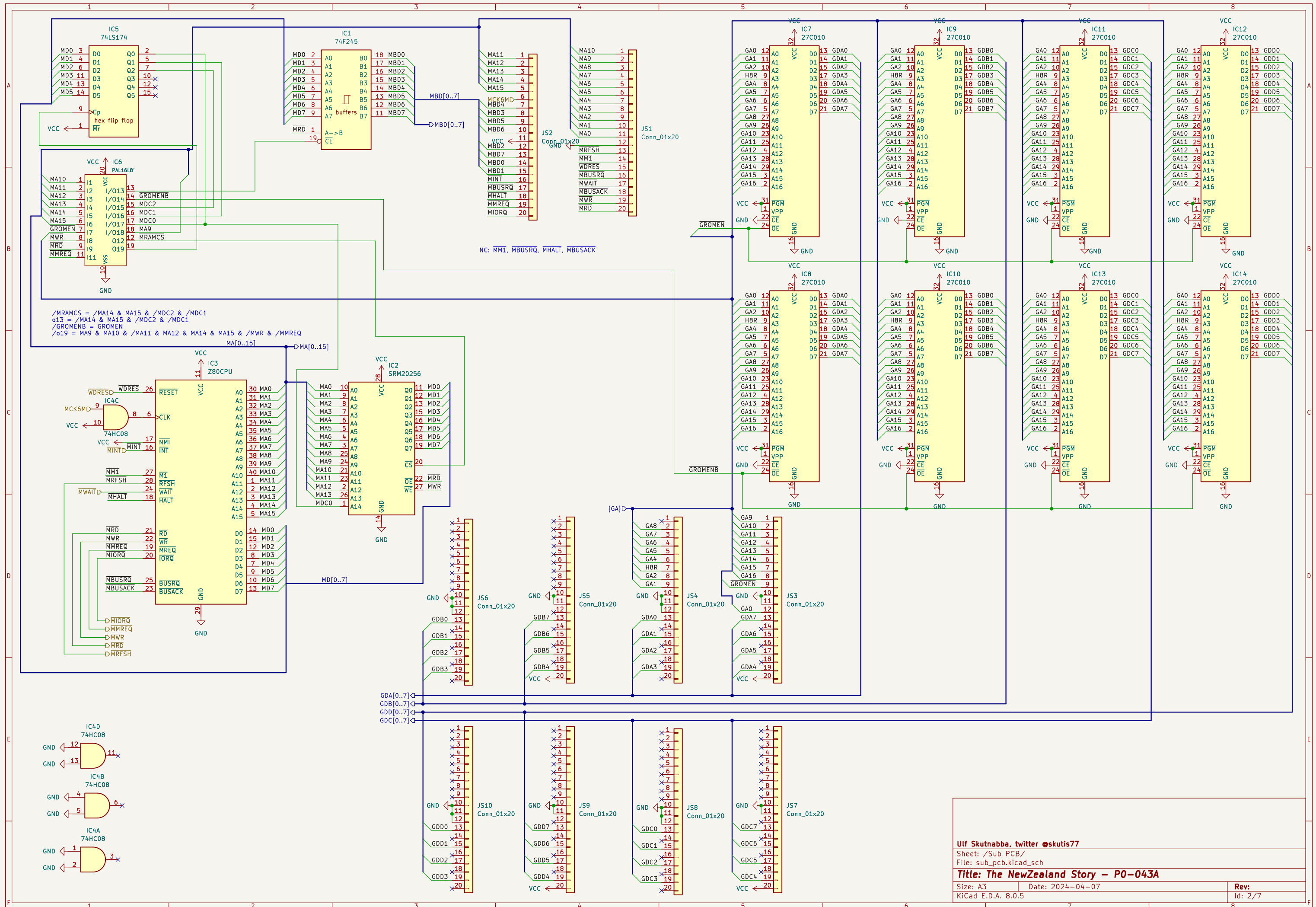
Note: The reference designator refers to the position on the PCB. If the reference designator already exists the letter is doubled, i.e. C1 -> CC1.

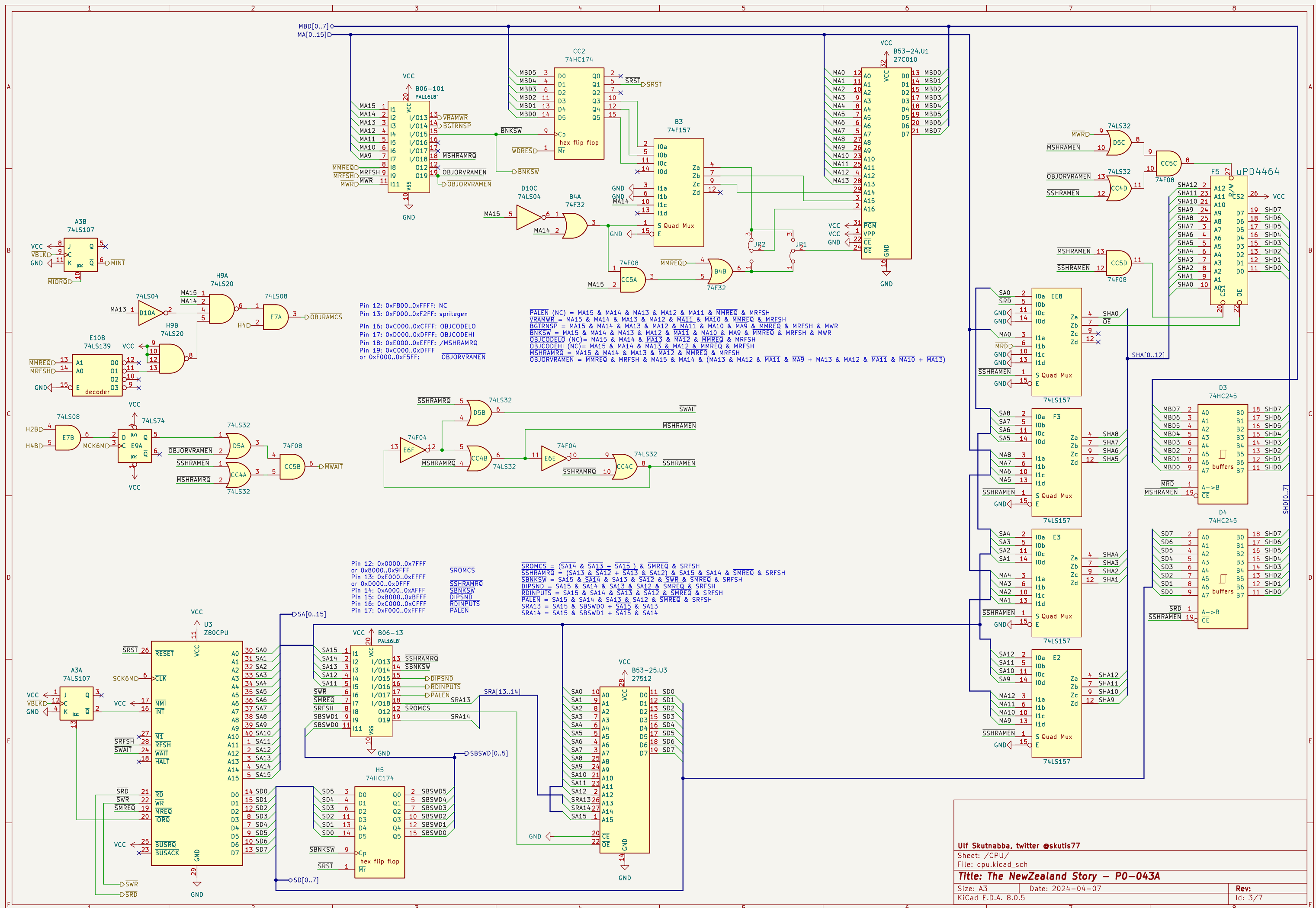
Ulf Skutnabba, twitter @skutis77

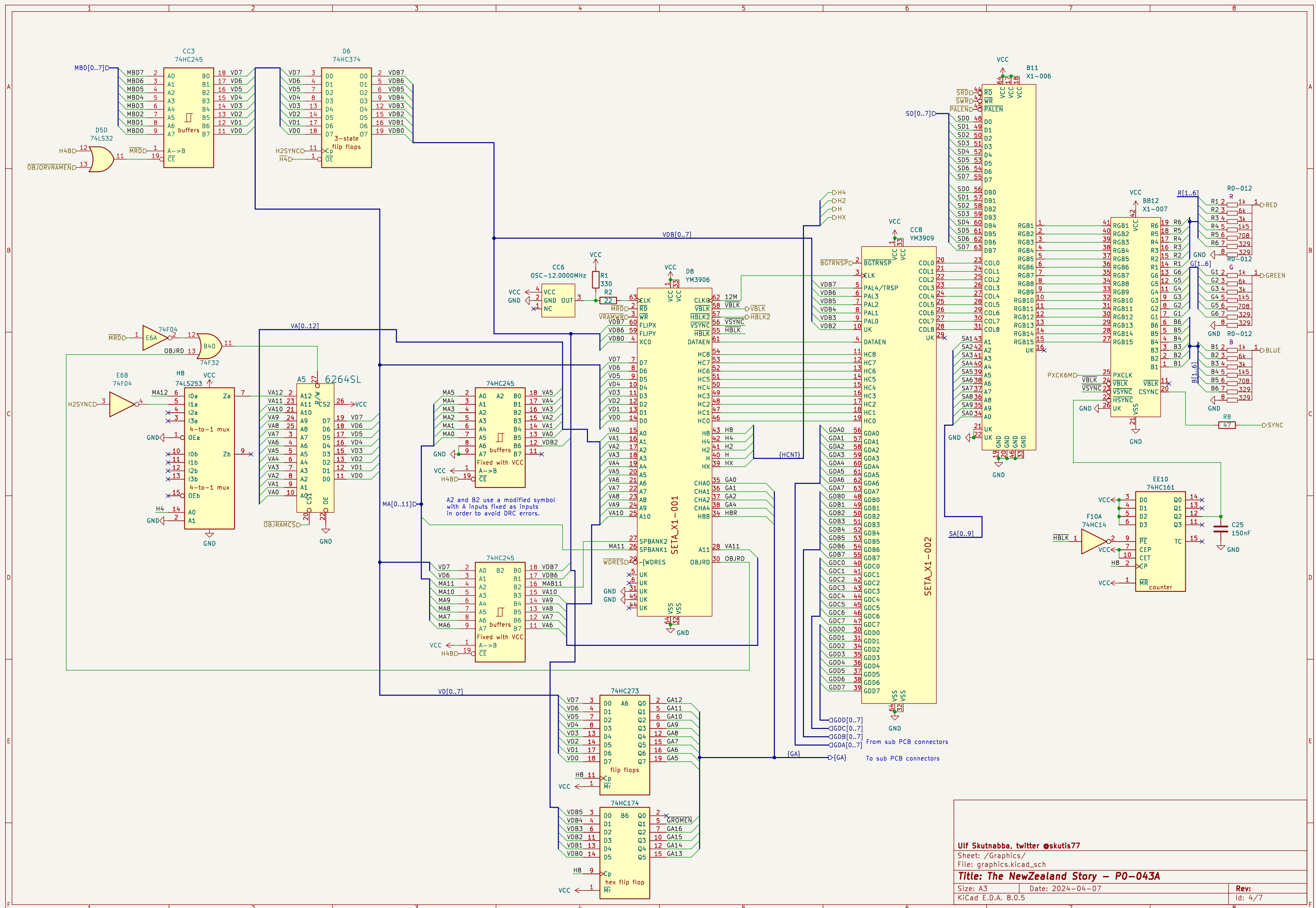
Sheet: /  
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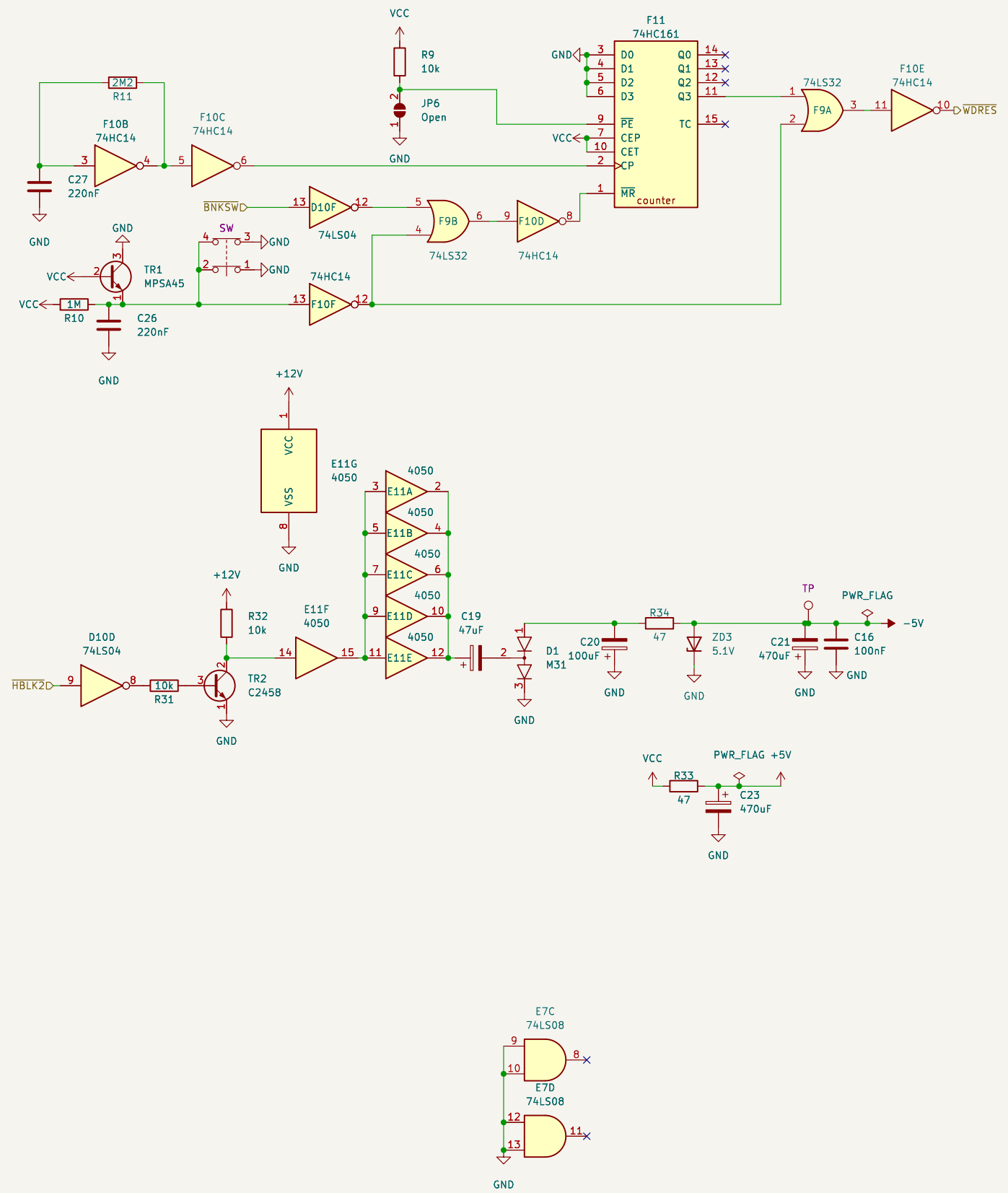
**Title: The NewZealand Story – P0–043A**

Size: A3	Date: 2024–04–07	Rev:
KiCad E.D.A. 8.0.5		Id: 1/7

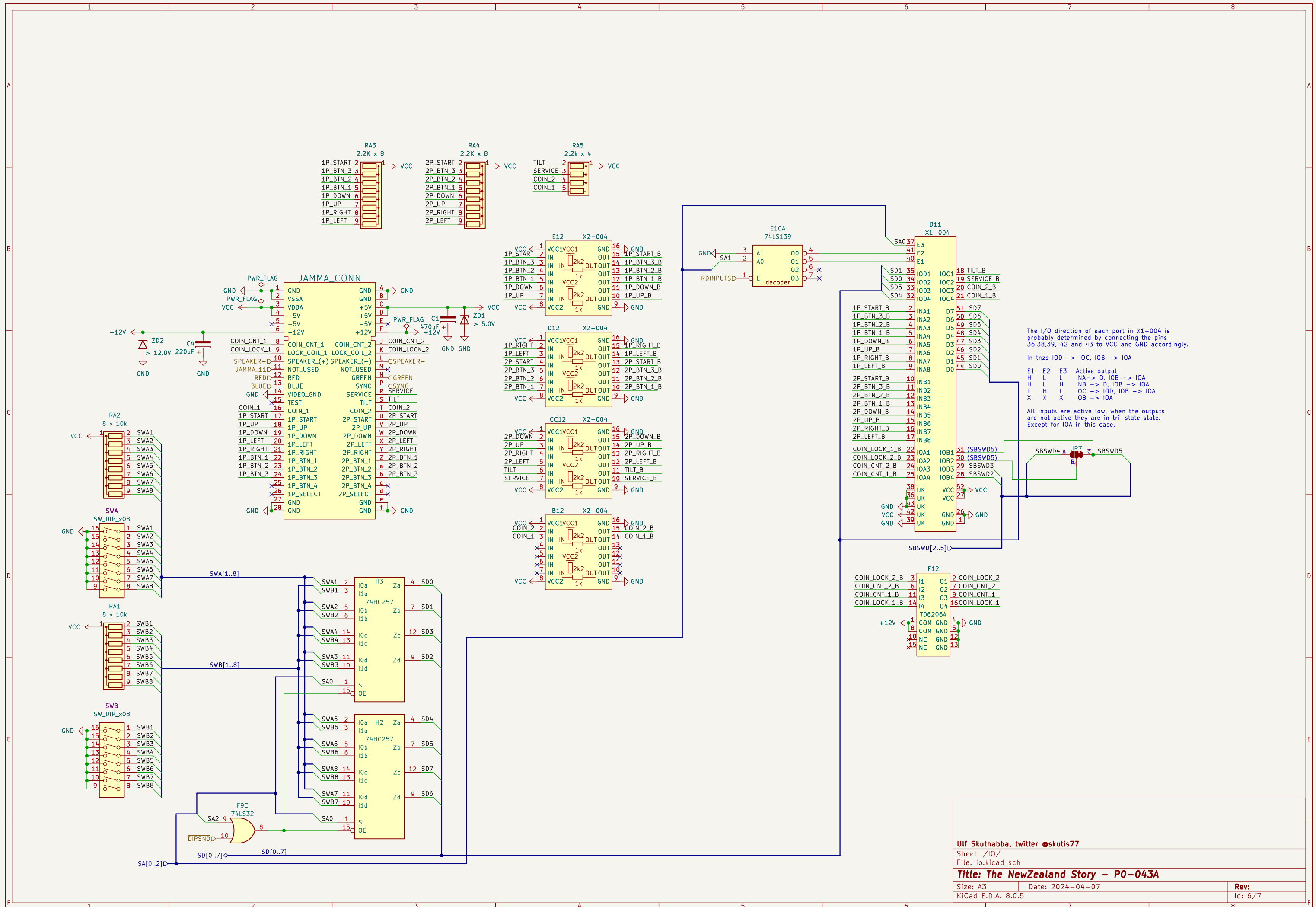












The I/O direction of each port in X1-004 is probably determined by connecting the pins 36,38,39, 42 and 43 to VCC and GND accordingly.

In tnzs IOD -> IOC, IOB -> IOA

E1	E2	E3	Active output
H	L	L	INA -> D, IOB -> IOA
H	L	H	INB -> D, IOB -> IOA
L	H	L	IOC -> IOD, IOB -> IOA
X	X	X	IOB -> IOA

All inputs are active low, when the outputs are not active they are in tri-state state. Except for IOA in this case.

