

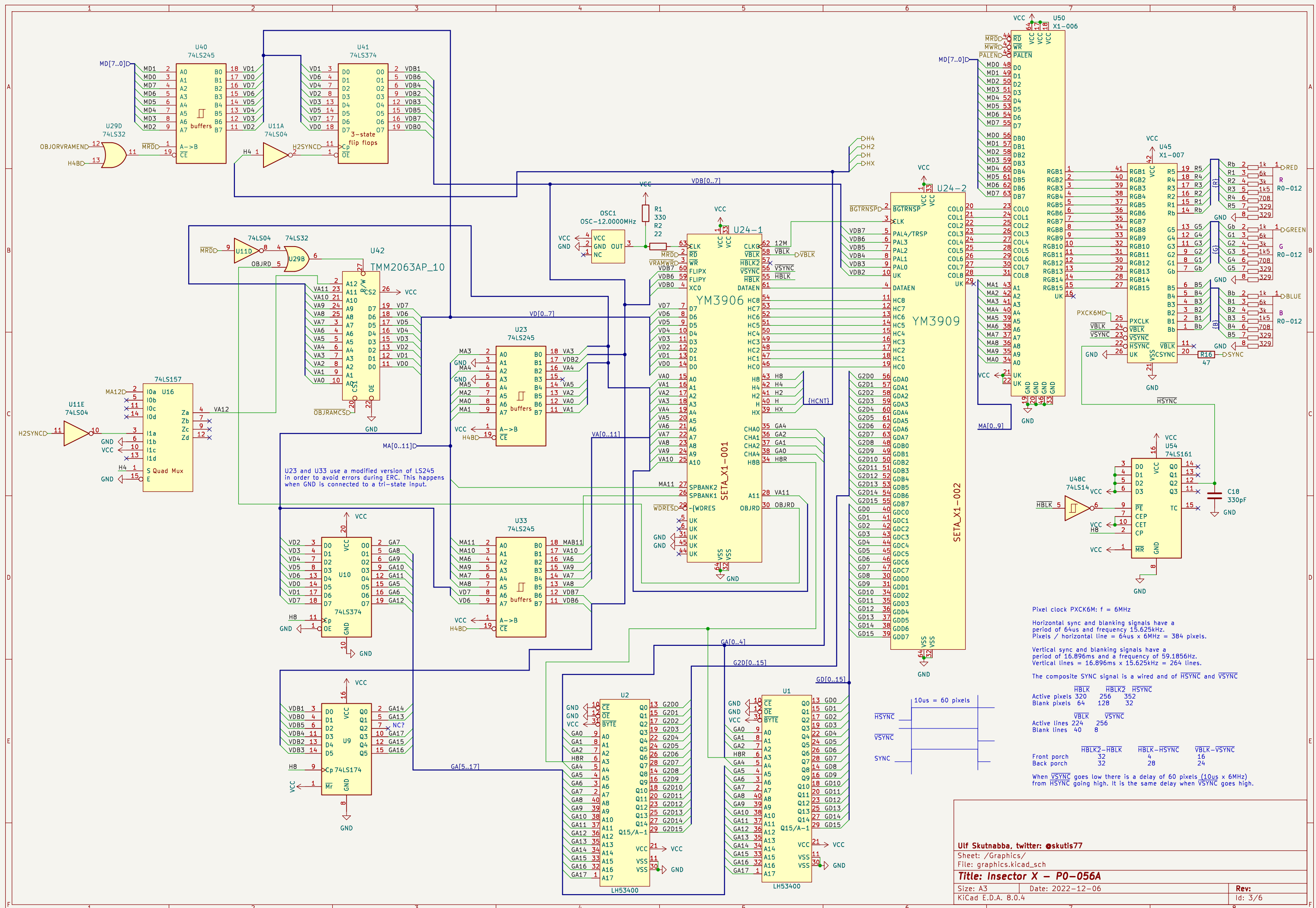
Ulf Skutnabba, twitter: @skutis77

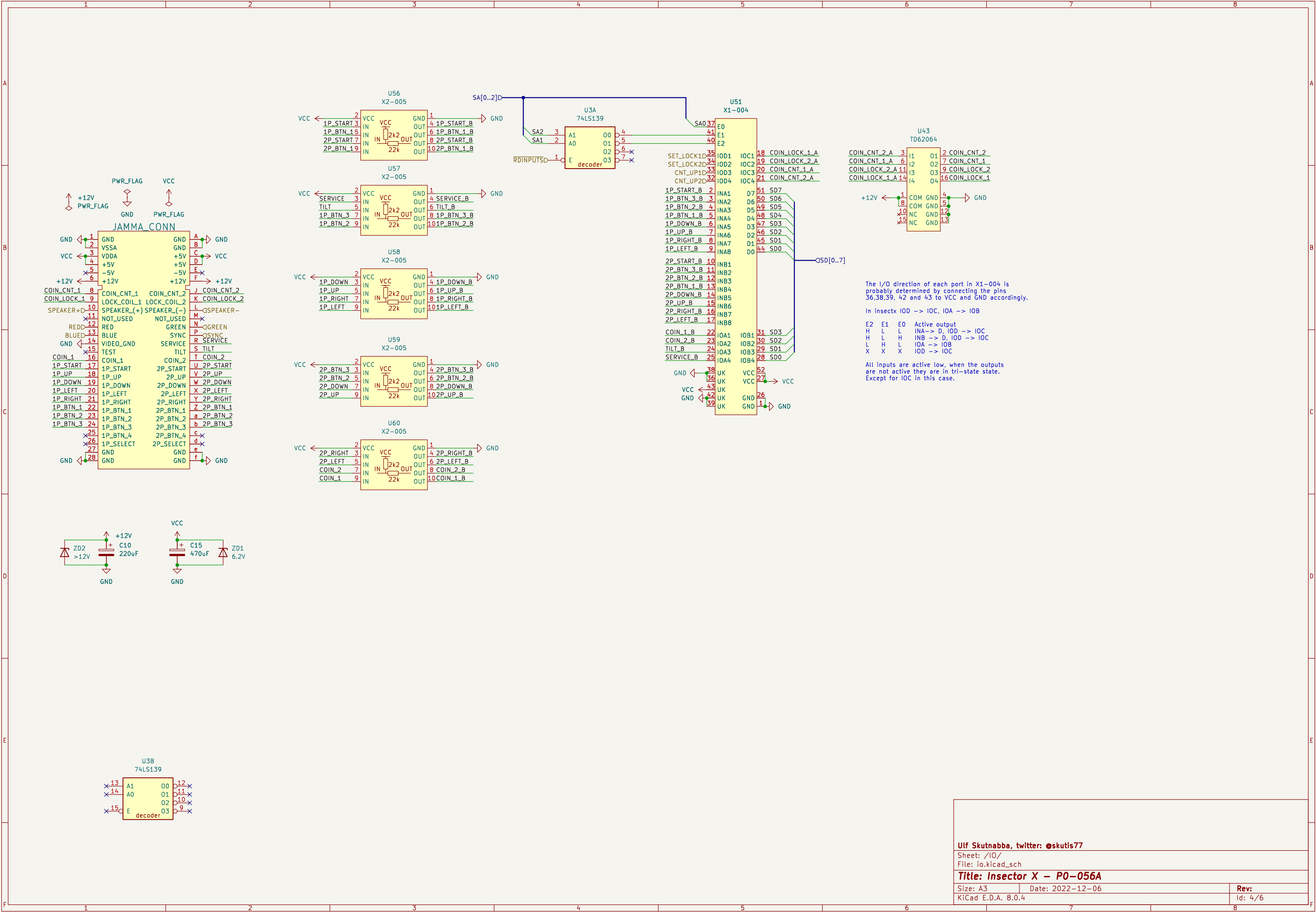
Sheet: /
File: insectx.kicad_sch

Title: Insector X - P0-056A

Size: A3 Date: 2022-12-06
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Rev:
Id: 1/6



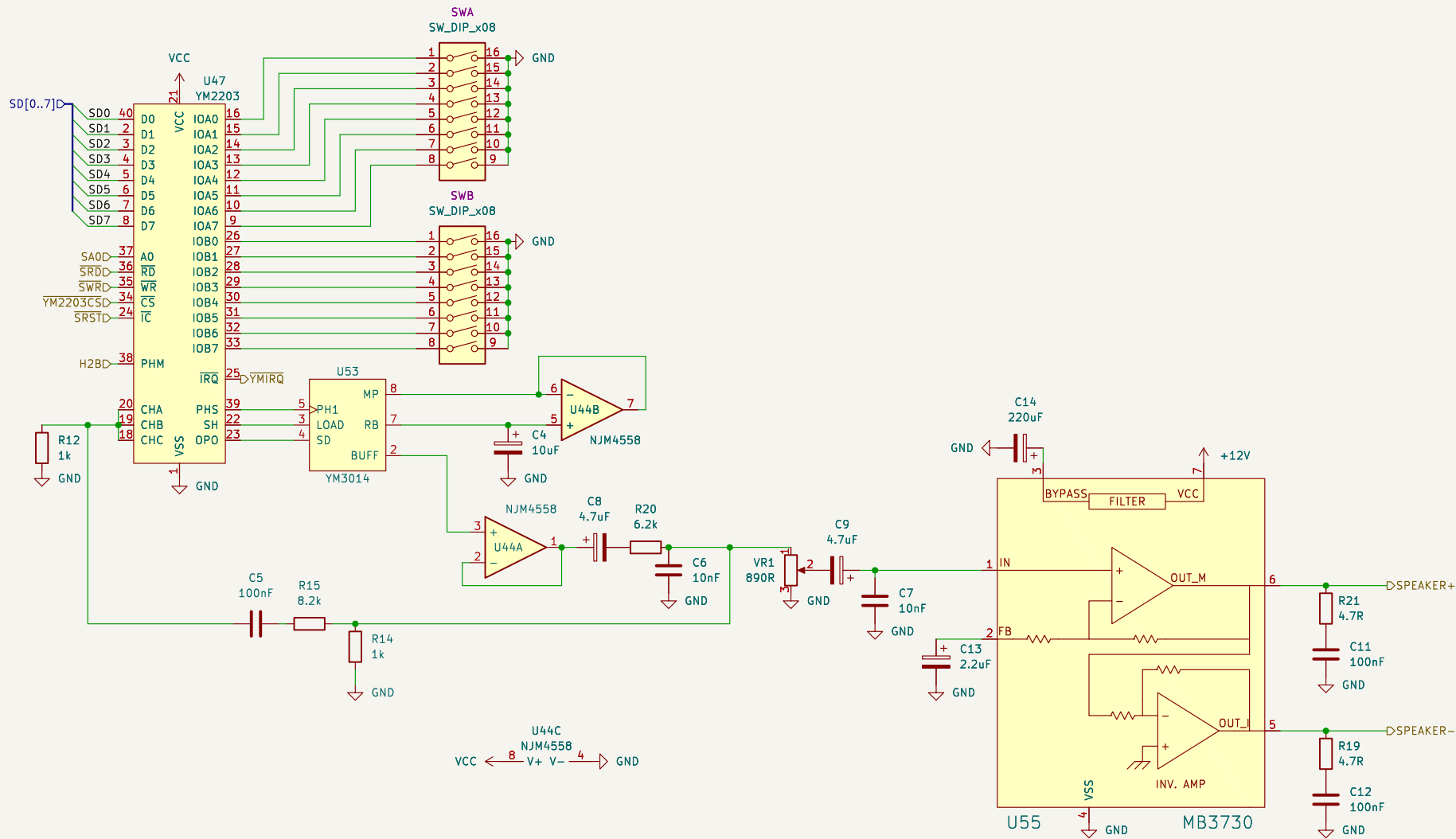


The I/O direction of each port in X1-004 is probably determined by connecting the pins 36,38,39, 42 and 43 to VCC and GND accordingly.

In insectx IOD -> IOC, IOA -> IOB

E2 E1 E0 Active output
H L L INA-> D, IOD -> IOC
H L H INB -> D, IOD -> IOC
L H L IOA -> IOB
X X X IOD -> IOC

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



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Sheet: /Sound/
File: sound.kicad_sch

Title: Insector X - P0-056A

Size: A3 Date: 2022-12-06
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