

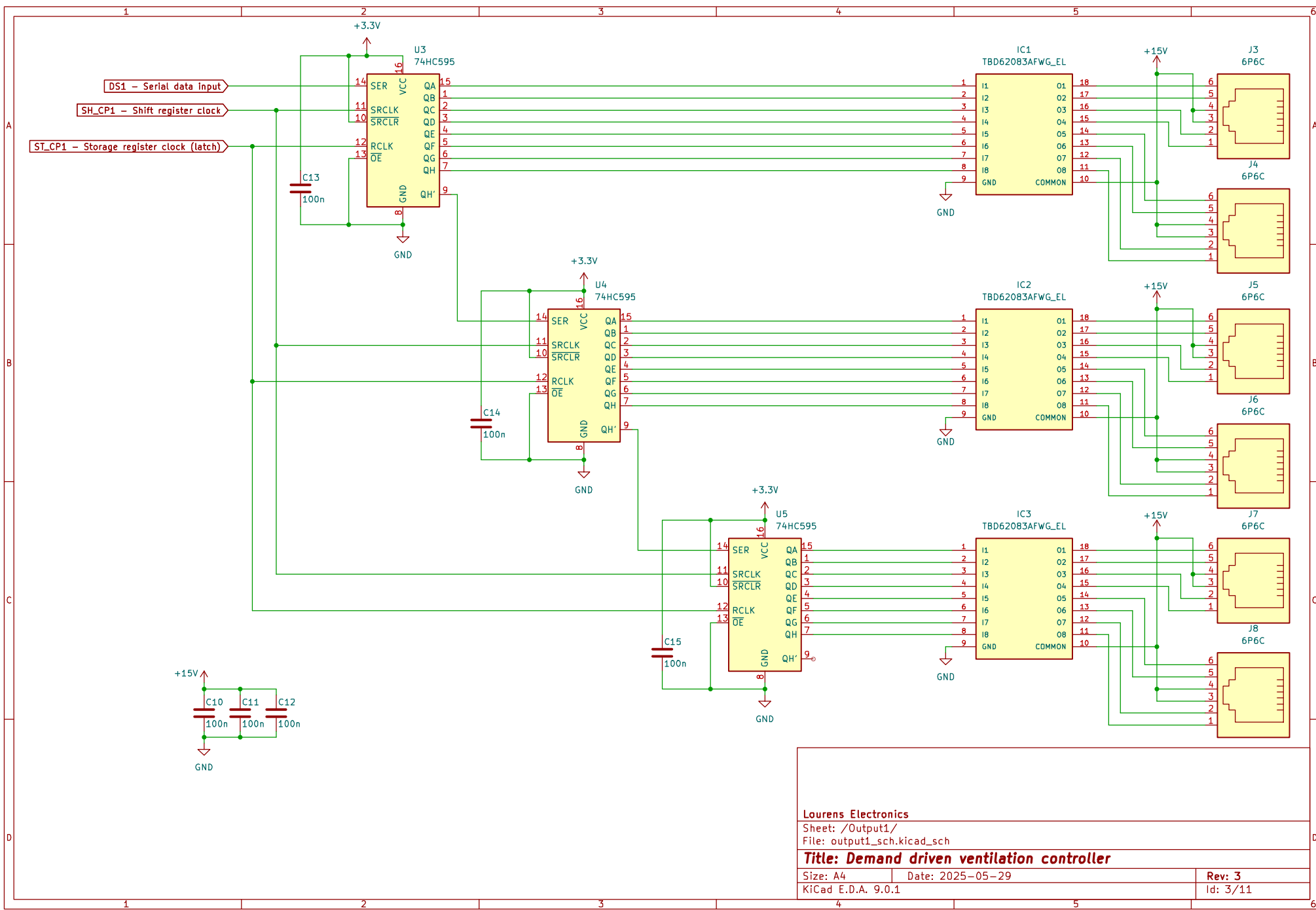
Lourens Electronics

Sheet: /Power/
File: power.kicad_sch

Title: Demand driven ventilation controller

Size: A4 Date: 2025-05-29
KiCad E.D.A. 9.0.1

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Id: 2/11



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Sheet: /Output1/

File: output1_sch.kicad_sch

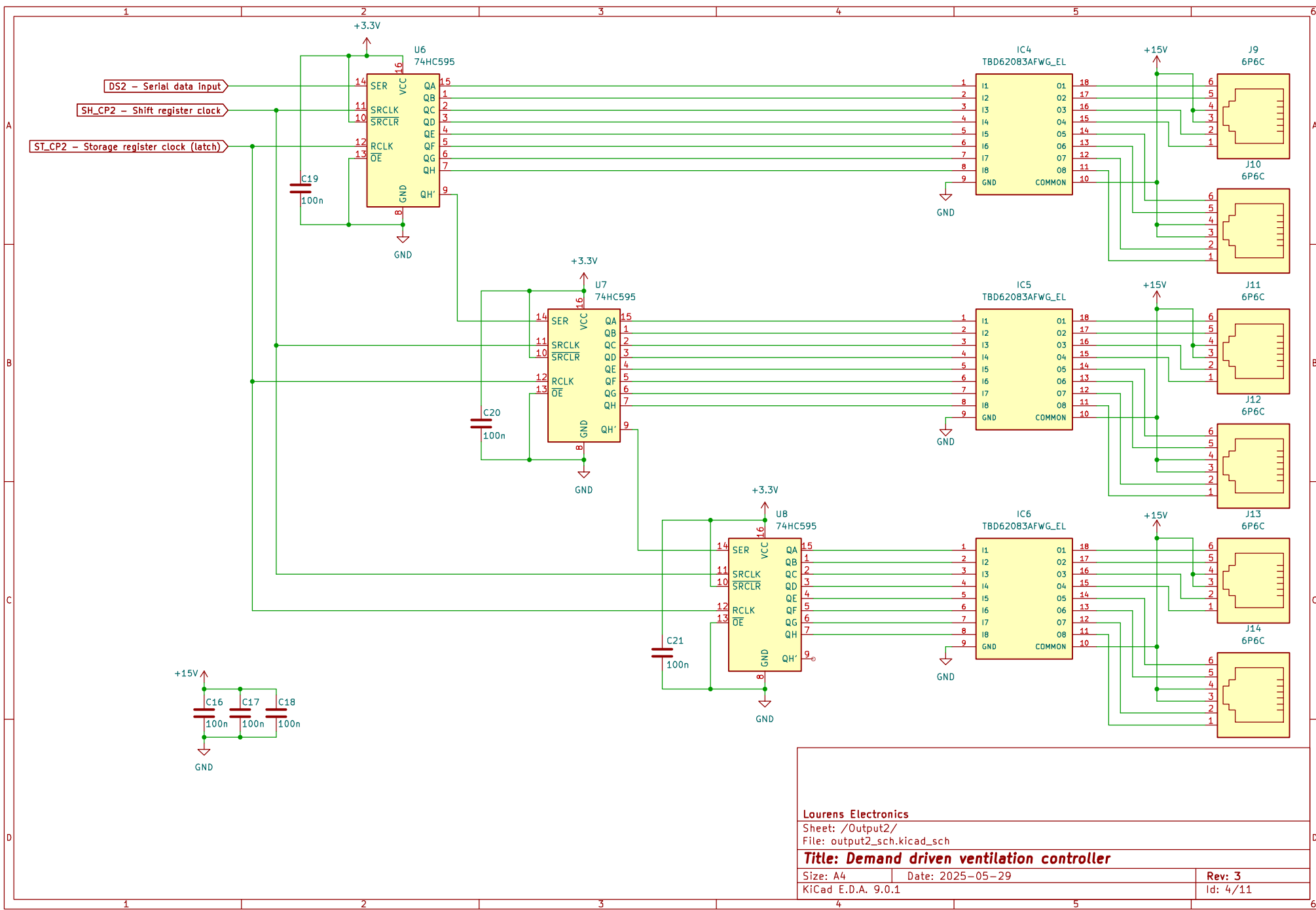
Title: Demand driven ventilation controller

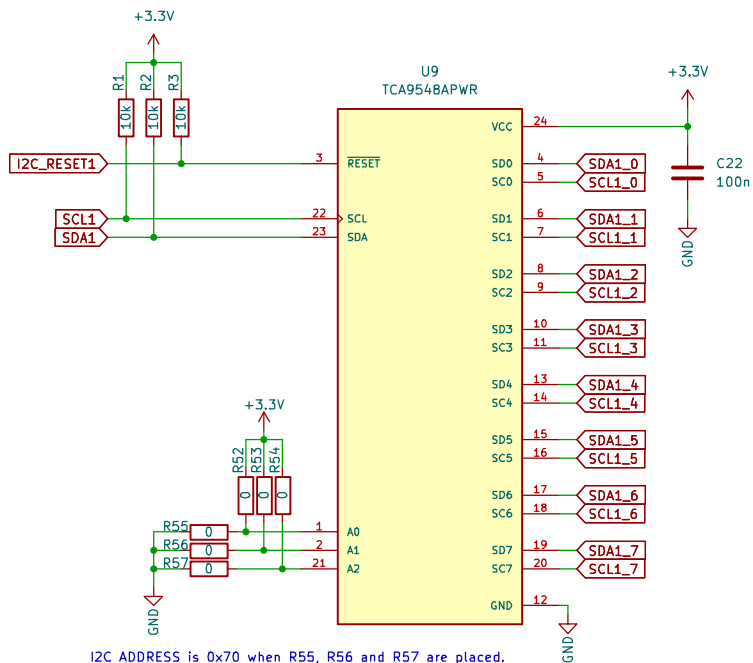
Size: A4 Date: 2025-05-29

KiCad E.D.A. 9.0.1

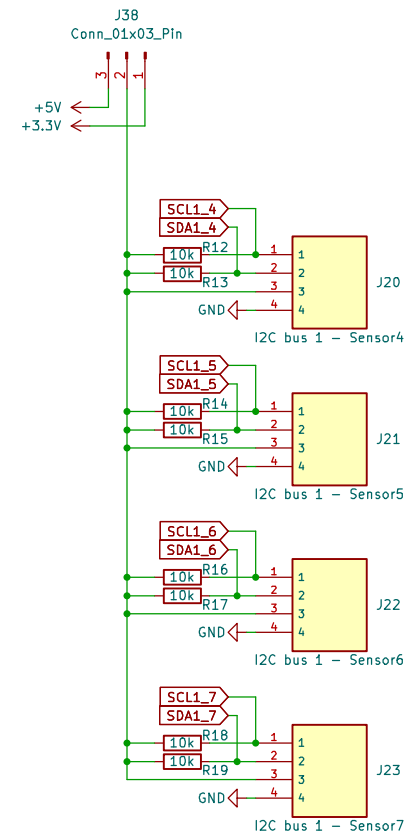
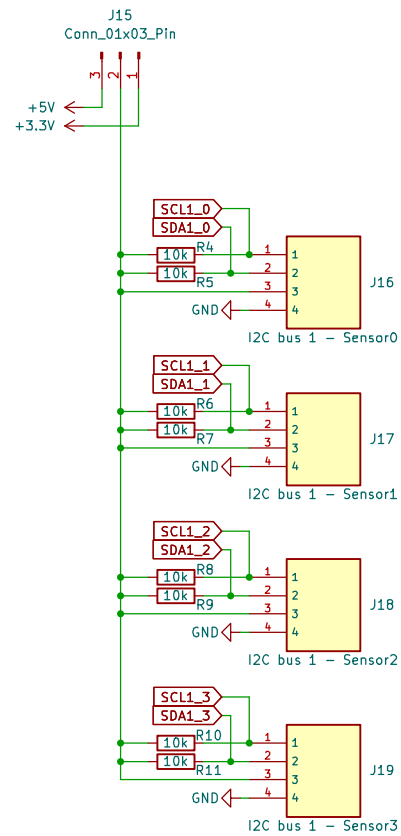
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I2C ADDRESS is 0x70 when R55, R56 and R57 are placed.
R52 – R54 should not be placed unless address is conflicting
with other devices on this I2C bus



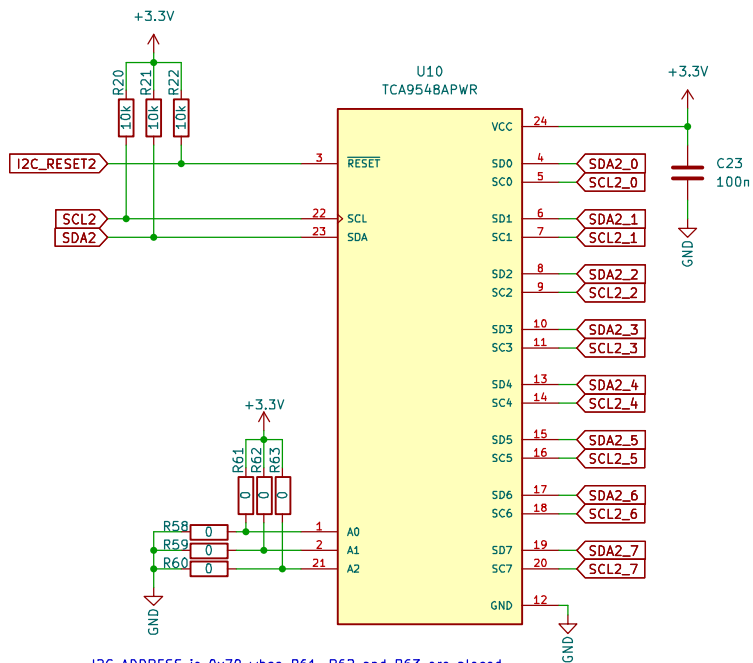
Laurens Electronics

Sheet: /I2C Sensors/
File: I2C_sensors.kicad_sch

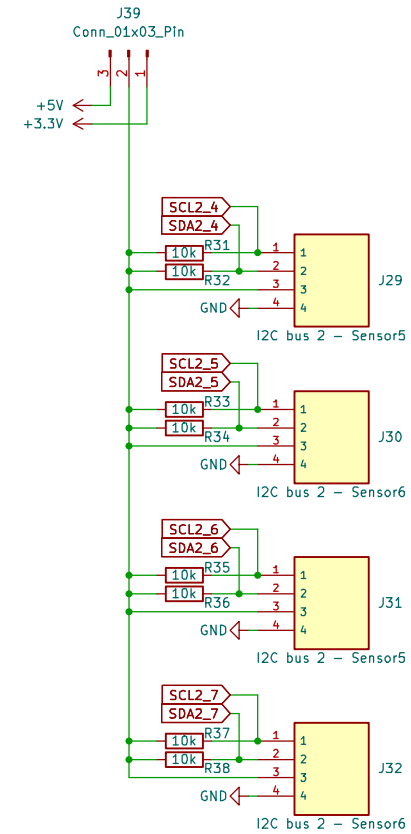
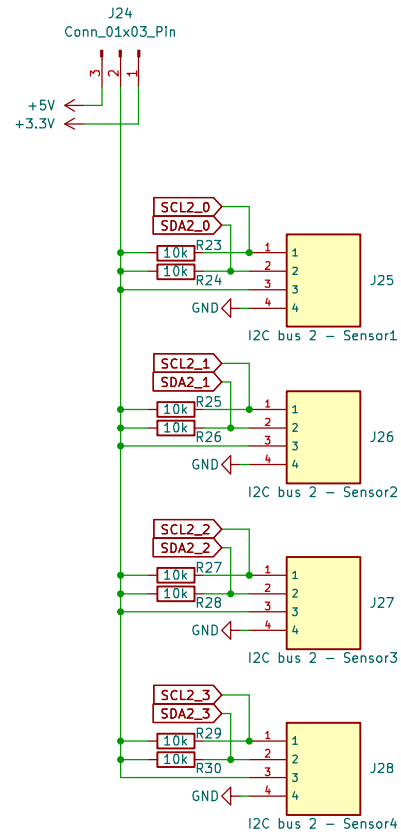
Title: Demand driven ventilation controller

Size: A4 Date: 2025-05-29
KiCad E.D.A. 9.0.1

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I2C ADDRESS is 0x70 when R61, R62 and R63 are placed.
R58 - R60 should not be placed unless address is conflicting
with other devices on this I2C bus



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Sheet: /I2C Sensors 2/
File: I2C_sensors2.kicad_sch

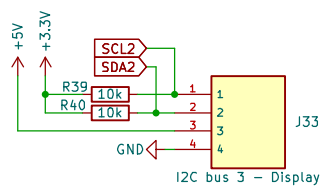
Title: Demand driven ventilation controller

Size: A4 Date: 2025-05-29

Rev: 3

KiCad E.D.A. 9.0.1

Id: 6/11



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Sheet: /I2C Display/

File: I2C_sensors3.kicad_sch

Title: Demand driven ventilation controller

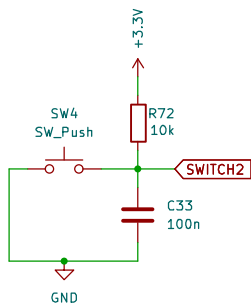
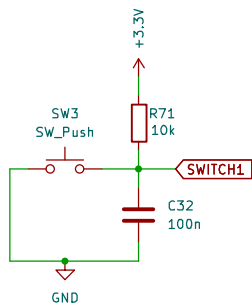
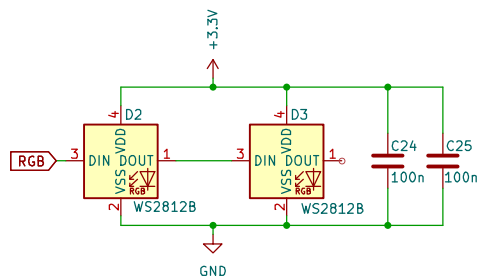
Size: A4

Date: 2025-05-29

Rev: 3

KiCad E.D.A. 9.0.1

Id: 7/11



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Sheet: /RGB LEDs/

File: single_wire_sensors.kicad_sch

Title: Demand driven ventilation controller

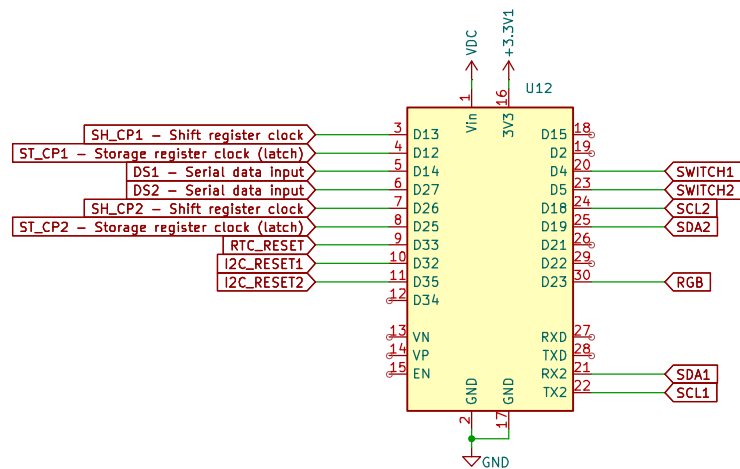
Size: A4

Date: 2025-05-29

Rev: 3

KiCad E.D.A. 9.0.1

Id: 8/11



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Sheet: /ESP32_30p Module/
File: ESP32_30p_module.kicad_sch

Title: Demand driven ventilation controller

Size: A4 Date: 2025-05-29

Rev: 3

KiCad E.D.A. 9.0.1

Id: 10/11

