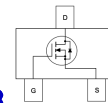
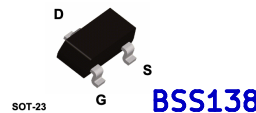
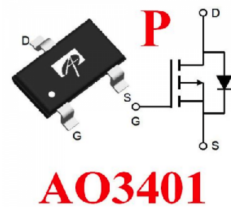


| Pin | Name | Description                              | Comments                          |
|-----|------|------------------------------------------|-----------------------------------|
| 1   | VDD  | Supply voltage                           | 5V ± 10%                          |
| 2   | RX   | UART: Receiving pin for communication    | TTL 5V and LVTTTL 3.3V compatible |
| 3   | TX   | UART: Transmitting pin for communication | TTL 5V and LVTTTL 3.3V compatible |
| 4   | SCL  | PC: Serial clock input                   | Leave floating to select UART     |
| 5   | SEL  | Interface select                         | Pull to GND to select PC          |
| 6   | GND  | Ground                                   | Housing on GND                    |

Table 4 SPS30 pin assignment.



By Willem Aandewiel

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File: handheldAerosolSensor.kicad\_sch

Title: handheldAerosolSensor

Size: A4 Date: 2026-02-11  
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