



The sensors receive power and communicate bi-directionally over `SENSOR_DATA`. Multiple sensors can be attached in parallel to the same `SENSOR_DATA` and `SENSOR_GND` and each sensor responds only to the address that has been configured to use.

Receiving data: To reply to the controller, the sensor pulses `SENSOR_DATA` low to send each encoded bit of data. Q102 (NPN BJT) pulls RX low whenever `SENSOR_DATA` is high. It is assumed that RX is connected to a microcontroller pin with an internal pull-up resistor.

Sheet: /  
File: seelevel-interface.kicad\_sch

Rev: 1

Size: A4	
KiCad E.D.A. 8.0.0	