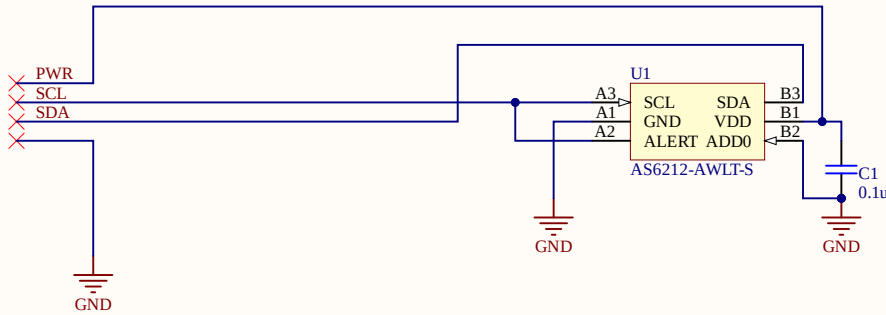


Demo EMS Logger External Temperature Sensor

This sensor PCB is used in conjunction with the New Horizons Demo EMS Logger as an external temperature sensor. It is the same sensor IC as on that circuit board, but configured for a different I2C address.

Wire colors

RED
WHT
GRN
BLK



Alert/ADD1 connected to SCL
ADD0 connected to VSS
7-bit I2C address = 0b 100 0100

License

Copyright 2025 New Horizons, a division of Global Health Labs

This source (schematic, PCB layout, BOM, and other associated files) describes Open Hardware and is licensed under the CERN-OHL-P v2.

You may redistribute and modify this documentation and make products using it under the terms of the CERN-OHL-P v2 (<https://cern.ch/cern-ohl>). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN-OHL-P v2 for applicable conditions.

Title: AMS Sensor			
Size: B	Sheet: sensor	Revision: 2.1	
Date: 6/3/2025	Sheet 1 of 1	Drawn by: Rod Hinman	
File: ams_sensor-1.SchDoc			