

Temp and Humidity (T&H) Shield and Probe – Quick Start Guide

Package Includes :

- T&H Shield board X 1
- OLED Display module (0.96 Inch) X 1
- T&H Probe (IC sensor) X 1

Quick Start Guide

1. Insert the Shield board with OLED display module to Arduino (or equivalent), the OLED module should have been inserted onto the Shield board's 4 pin connector, if not - insert it properly.
2. Note the alignment of Shield board as in Fig. 1.
3. Insert T&H Probe to one of the 2.5mm sockets
4. Load the Reference Library "Probe Shield.ZIP" (Details please refer to other document)
5. Run the "Probe Shield Test" as shown in Fig. 2 (Arduino board not included)

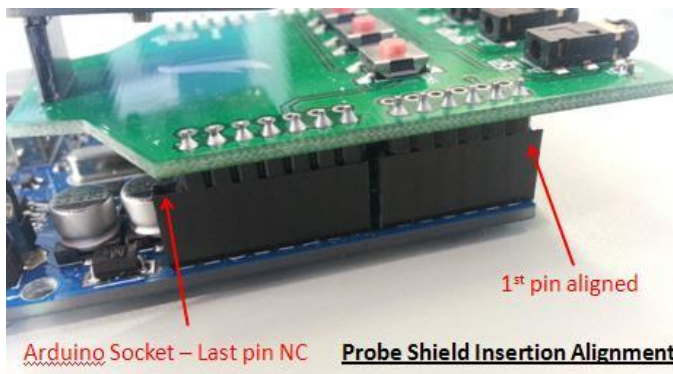


Fig. 1

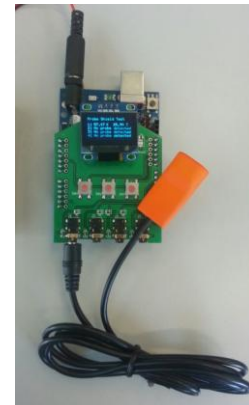


Fig. 2

Probe Information

The T&H probe can be used with probe shield easily and additional unit can be purchased separately.

When the probe is to be used with other hardware platforms (e.g. – Raspberry Pi / Galileo or other MCU development platform), please refer to following diagram for the connector pin-out designation.

The probe IC is MS HTU21D, its specification can be searched easily.



From connector tip : SCL / SDA / GND / VDD