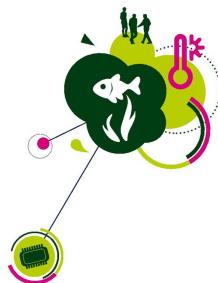


## Temperature probe kit based on STTS75



### Features

- User friendly **STTS75** board
- Complete STTS75 pinout for a standard DIL24 socket
- Fully compatible with **STEVAL-MKI109V3** motherboards
- RoHS compliant
- WEEE compliant

### Description

The **STEVAL-MKI201V1K** evaluation kit consists of a probe with the **STTS75** temperature sensor connected via flat cable to the **STEVAL-MKIGIBV1** adapter board, so it can interface with the **STEVAL-MKI109V3** motherboard.

The device small package dimensions allow it to be mounted on top of a very thin probe, so it can take temperature readings not influenced by heat from other electronic components or boards.

The **STEVAL-MKIGIBV1** can be plugged into a standard DIL24 socket.

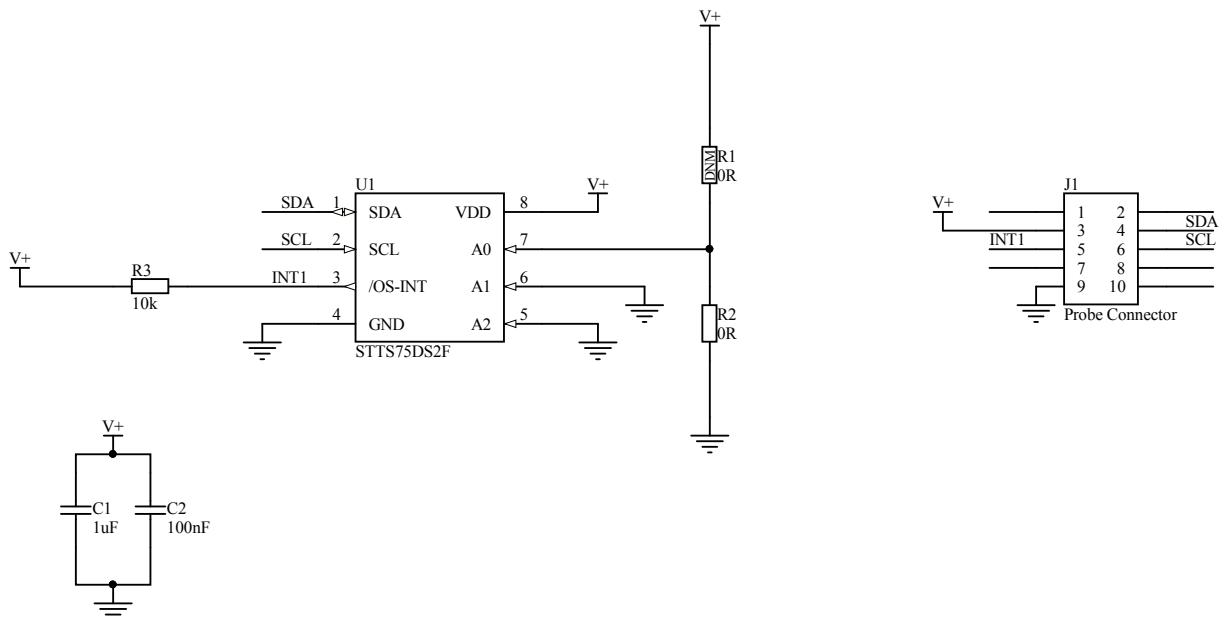
The kit provides the complete STTS75 pinout and comes ready-to-use with the required decoupling capacitors on the VDD power supply line.

The **STEVAL-MKI109V3** motherboards feature a high performance 32-bit microcontroller functioning as a bridge between the sensor and a PC running the free Unico GUI graphical user interface or dedicated software routines for customized applications.

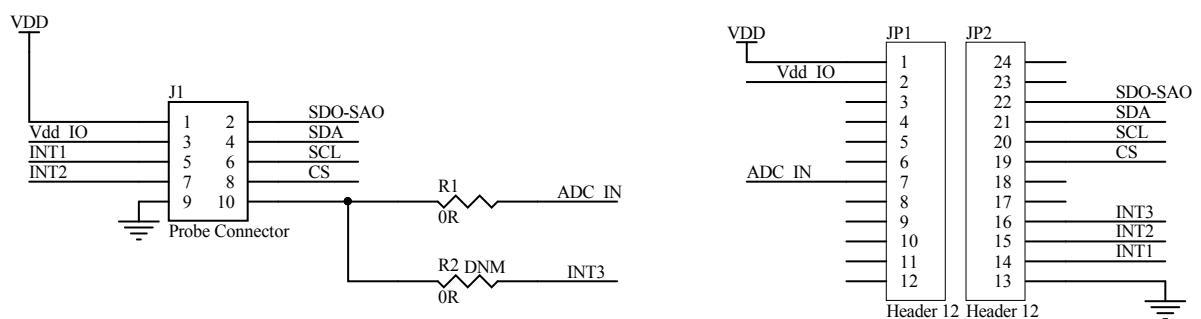
Product summary	
Temperature probe kit based on STTS75	<b>STEVAL-MKI201V1K</b>
Digital temperature sensor and thermal watchdog, delta-sigma analog-to-digital (ADC) converter, I2C interface	<b>STTS75</b>
ST MEMS adapter motherboard based on the STM32F401VET6 compatible with ST MEMS adapters	<b>STEVAL-MKI109V3</b>

## 1 Schematic diagrams

**Figure 1. STEVAL-MKI201V1 board schematic**



**Figure 2. STEVAL-MKIGIBV1 board schematic**



## Revision history

**Table 1. Document revision history**

Date	Version	Changes
21-Dec-2018	1	Initial release.

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