

TS-7300 Demonstration Kit

What is the TS-7300 Demonstration Kit?

Using the TS-7300 demonstration kit along with 20-sim and 20-sim 4C is the easiest way to run your models in real time. It helps you to discover the capabilities of the ARM9 based TS-7300 and how you can use this board to control real systems in real time. The kit is plug & play, connect the board to your PC and you are ready to go!

Extras

Next to a TS-7300 board, the following components are supplied:

- **20-sim 4C ready SD Card:** The demonstration kit is equipped with an pre-installed RT-OS so no configuration is needed.
- **Sensor:** A (potentiometer) is supplied to demonstrate the analog to digital input of the Ts-7300 board.
- **Actuator:** An actuator (external LED) is supplied to demonstrate the PWM output of the TS-7300 board.
- **Power-supply:** A standard power supply is included.
- **Cross-cable:** A cross cable for communication with a PC is included.
- **Models:** Various models are supplied to test the sensor and actuator as well as models that combine the sensor and actuator, control the brightness with the potentiometer.
- **Manual:** A manual is supplied, describing the installation and experiments.

Manual

The Demonstration Kit manual describes the following experiments

- **Installing & Testing:** How to install the software and test if the Demonstration Kit is working properly.
- **Measurement:** The Demonstration Kit is equipped with a potentiometer. Various examples show how to use this sensor for measurements.
- **Actuation:** Learn how to change the brightness of the external LED.
- **Control:** Learn how to operate the LED using the potentiometer.

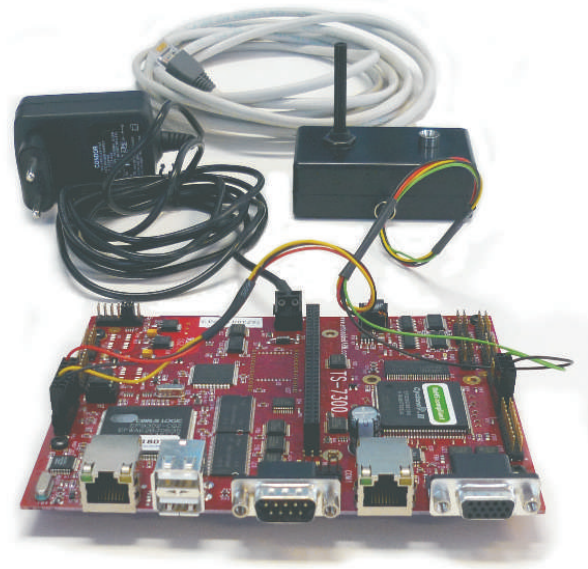
Requirements

- A Windows PC with Ethernet connection.
- 20-sim 4.0 Professional or higher.
- 20-sim 4C 1.1 or higher.

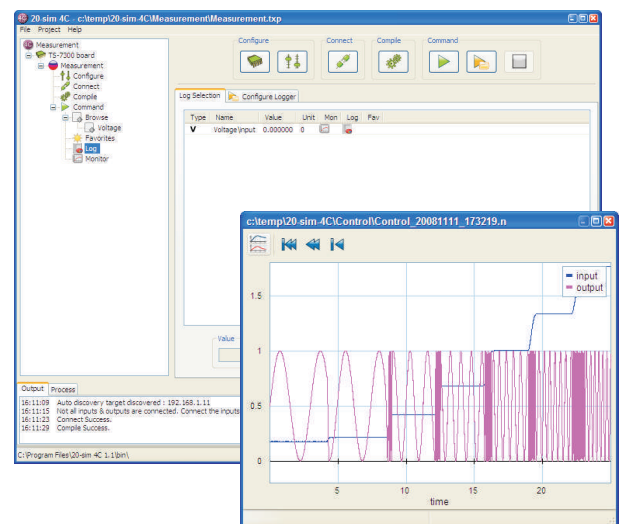
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The TS-7300 Demonstration Kit.



Use 20-sim and 20-sim 4C to run experiments on the board, measure the response and analyze the results

