

## DHT11 - Digital Temperature and Humidity Sensor

DHT11 is a composite sensor contains a calibrated digital signal output of the temperature and humidity. DHT11 sensor uses a single-wire bi-directional protocol.

Download DHT11 datasheet from web for more information and specifications.

The API is implemented on FPGA.

To get the values from DHT11 use 'DHT11 Read (FPGA).vi' in API folder from 'DHT11 (FPGA).lvlib.

There is also 'Example - DHT 11 (FPGA).vi' in Example folder.

The 'Example - DHT 11 (FPGA).vi' must be compiled in order to be used from the FPGA Interface.

### Wiring Diagram

