GY-21-SHT21 Sensor Module for Arduino
Product Description
– Energy consumption: 80 uW (at 12 bit, 3V, 1 measurement/s)
– Relative Humidity operating range: 0-100% RH
– Relative Humidity resolution of 0.03%
– Relative Humidity Response Time of 8 sec (tau 63%)
– Temperature operating range: -40 to +125°C
– Temperature resolution of 0.01 C
– 4 pins: +5V, GND, Clock (SCL), Data (SDA)
– Bidirectional communication over a single pin on I2C protocol
– Board is 5V tolerant, allowing sensor to run from a 5V supply on Arduino I/O pins