Data logger system based on Arduino and Vinculum modules

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Abstract

In this paper a data logger system is presented in order to store samples from a humidity/temperature sensor on a USB memory stick. The temperature and humidity are measured employing a specific sensor SHT 11 and then are processed by an Arduinoduemilanove system based on the ATmega 328 microcontroller. This system contains a Vinculm module VNC2to facilitate to save samples directly on an USB memory. This system may be used to store data in inaccessible and unfrequented areas or mountains and caves.

Biography

I am twenty-two years old, currently studying in Romania at the Technical University of Cluj-Napoca, faculty of Electronics, Telecommunications and Information Technology. I graduated Mathematics-Informatics intensive informatics high school in Baia Mare, Romania. Since then I am interested in computer programming, software development and automotive programming. This profession, electronics engineering, successfully brings together programming with practical implementations.

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Manuscript received on May 14, revised on October 31, 2013