

Control of Plasma Generator for Chemical Analysis

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Abstract

This paper will present an application base on Plasma Generator using the C# language and microcontroller applications. The main idea is to ensure a user PC control to the Plasma Generator. Through this application the user can change the intensity of the plasma, modify voltage and current of the vaporizer, display signals, using only one PC Interface, which can run on any kind of PC.

Biography

My name is Lázár Enikő. I went to high school in Odorheiu Secuiesc, where I learned Mathematics, Physics and IT.

Now I am a fourth year student at the Technical University of Cluj-Napoca, The Faculty of Electronics, Telecommunications and Information Technology specialize in Applied Electronics. My field of interest is Microcontrollers, programming languages, like C/C++, C#.

In the future I want to attend master studies, and after that I would like to work for an international company.

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Manuscript received on May 14, revised on October 29, 2013