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Datum: Dinsdag, December 13, 2011 18:29
Onderwerp: Log_Book (GÜRAY_ÇİNTİR)

Dear Eric;

I send you my progress from the previous log book up to now and I will tell Javi and Angel to send their pogress to you as soon as possible.

8-12-2011

09 : 00 - 12 : 30

- * Circuit design on Proteus for window and curtain simulation
- * Set up the curtain circuit on breadboard.
- * Write VHDL code (by using FSM logic) for the hardware.
- * Combines hardware with software and run it.
- * Make a schematic related to circuit connections for Javi to solder the circuit on PCB.

13 : 00 - 17 : 00

- * Set up window circuit on breadboard.
- * Write VHDL code for the hardware.
- * Combines hardware with software and run it.
- * Make a schematic related to circuit connections for Javi to solder the circuit on PCB.

9-12-2011

11 : 00 - 17 : 00

- * Consider how to design a temperature sensor system and made search on the net.
- * Study on ADC converters how to run it and decided to use ADC0804 converter.
- * Circuit design on Proteus to get practice with ADC0804.
- * Set up a simple circuit on breadboard with ADC0804 to run it.
- * Be familiar with quantization and operation concept of ADC0804.

12-12-2011

09 : 00 - 12 : 30

- * Set up temperature circuit with potentiometer-controlled on the breadboard.
- * Write VHDL code for hardware.
- * Combines hardware and with software and run it.
- * Failed in interfacing the output of ADC0804 to Altera Board pins due to the low output voltage of ADC.

13 : 00 - 17 : 00

- * Deal with interfacing between Altera and temperature hardware system.
- * Decided to use operational amplifiers to make the output voltage higher.
- * Study on how the opamps work design practical circuits on Proteus to understand it.

13-12-2011

13 : 00 - 17 : 00

- * Set up the temperature system including opamp subsystem.
- * Write VHDL code for the hardware system.
- * Make connections to Altera pins from the hardware.
- * Failed to run on Altera board because of the pin triggering specifications of Altera Board.

Yours Sincerely

Güray Çintir