

A thermometer with PIC16F688 and Python Interface

Designer: Burak Koryan

E-mail : burak@koryan.ca

Web : <http://koryan.ca>

Start date : January 10 2018

Finish date : March 2018

What is the objective of the project?

The objective is to measure ambient temperature with LM35 and digitize this data through the PIC microcontroller and share this data through RS-232 with a PC.

What could be done to improve this project?

The next step to improve this project further is to share data through an RF module then transfer it via USB to the PC.

Approximate code algorithm can be found in the next page below.

(Approximate) code algorithm:

