

## **Self Study Exercise 1 - Fundamentals**

Together with your group mates, study and discuss about the following topics.

- What is a microcontroller? How is it different from a microprocessor?
- What embedded systems typically use microcontrollers?
- What are the common components of a microcontroller, what are their functionalities?

The following resources will help you get started:

<https://www.coursera.org/learn/iot/lecture/tYKoY/lecture-2-1-components-of-embedded-systems>

<http://www.slideshare.net/pantechsolutions/introduction-to-microcontroller>