

## Laboratory Work 8

### LCD Interfacing using ATMEGA2561 Microcontroller

In this laboratory work you should display text on 2x16 and 4x16 LEDs.

- Design a circuit using ATMEGA2561 microcontroller and LM016L (2x16) LCD
- Display your name and surname on different LCD lines
- Improve your circuit with LM041L (4x16) LCD
- Display your name, surname, patronymic name and your group on different lines of LCD

How to connect LCD with ATMEGA2561 and display the text you can watch in this video:

[https://drive.google.com/file/d/1Z2kUMKPsX5HKFGiK\\_Ry0KTTgR7497n0C/view](https://drive.google.com/file/d/1Z2kUMKPsX5HKFGiK_Ry0KTTgR7497n0C/view)