

Lab Class 2
22.09.2021

- Multiplexers and demultiplexers.

Problems

1. Development of a stopwatch from 0 to 99.99 s (1/100 s resolution). To visualize the time, a 2-digits BCD coding, a 2 x 4-LED array display, and a switch are to be used. The switch should allow to select the visualization of the integer part of time (seconds) or, alternatively, the decimal part (hundredths of second).
2. Development of a synchronous counter based on a “*master clock*”.

Upon eliminating the unuseful files (only *.v*, *.ucf*, *.xise* are necessary),
compress the working folder via
`tar czf labClass_2_<names>.tgz <Folder>`
and upload the resulting compressed file to the Moodle platform.