

Druga vježba iz Digitalne elektronike

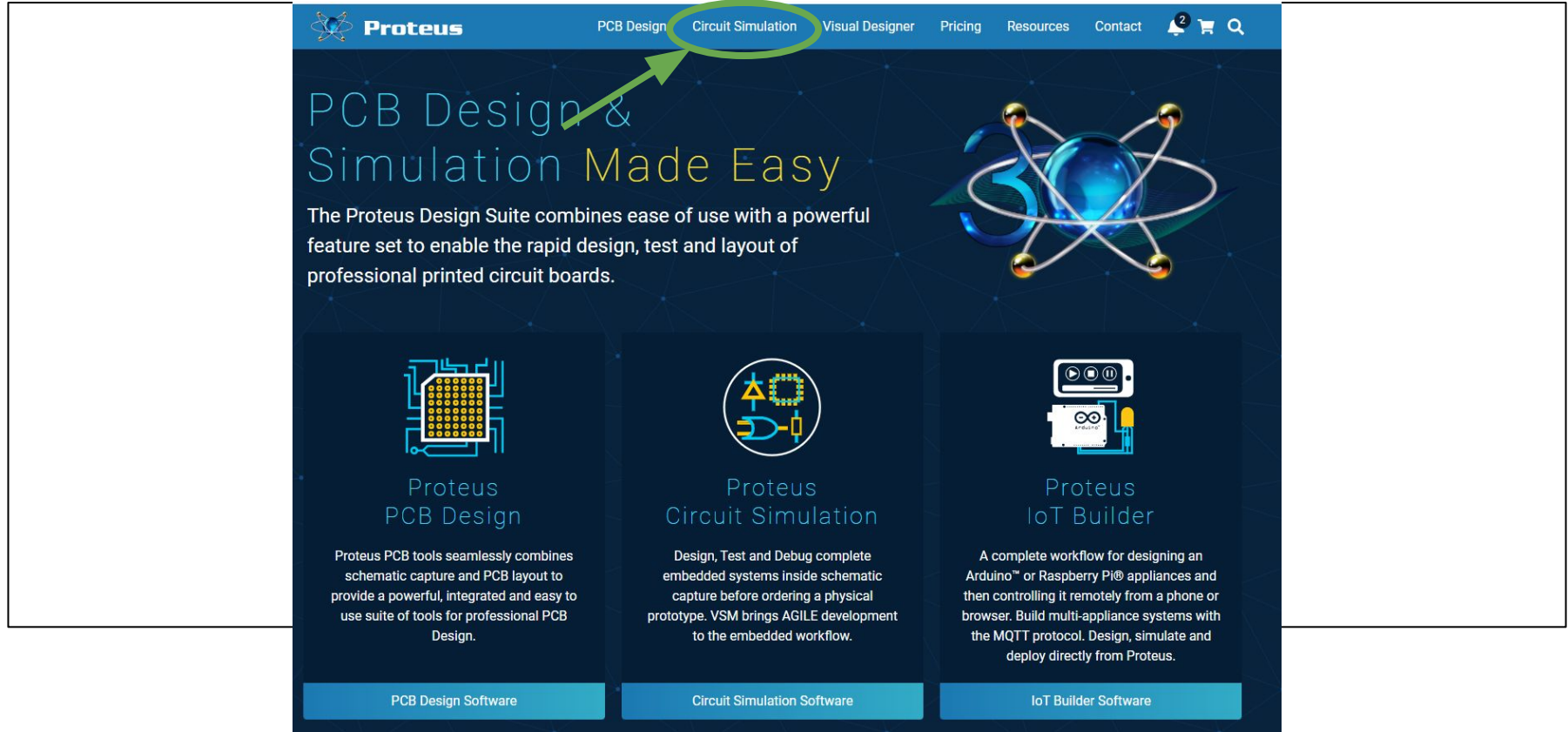
Damjan Prerad

Instalacija Proteus softvera za simulaciju elektronskih kola

Detaljno o softveru na : www.labcenter.com/

Proteus je ustvari softverski paket koji ima mogućnost dizajna i simulacije elektronskih kola i štampanih pločica.

Instalacija Proteus softvera za simulaciju elektronskih kola



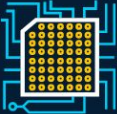
The screenshot shows the Proteus website homepage. The navigation bar at the top includes the Proteus logo and links for PCB Design, Circuit Simulation, Visual Designer, Pricing, Resources, and Contact. The 'Circuit Simulation' link is circled in green, and a green arrow points from the main heading area to it. The main heading reads 'PCB Design & Simulation Made Easy'. Below this, a paragraph states: 'The Proteus Design Suite combines ease of use with a powerful feature set to enable the rapid design, test and layout of professional printed circuit boards.' To the right is a stylized atomic model graphic. The page features three main product cards: 'Proteus PCB Design', 'Proteus Circuit Simulation', and 'Proteus IoT Builder'. Each card includes an icon, a title, a descriptive paragraph, and a 'Software' label at the bottom.

Proteus

PCB Design **Circuit Simulation** Visual Designer Pricing Resources Contact

PCB Design & Simulation Made Easy


The Proteus Design Suite combines ease of use with a powerful feature set to enable the rapid design, test and layout of professional printed circuit boards.



Proteus PCB Design

Proteus PCB tools seamlessly combines schematic capture and PCB layout to provide a powerful, integrated and easy to use suite of tools for professional PCB Design.


PCB Design Software



Proteus Circuit Simulation

Design, Test and Debug complete embedded systems inside schematic capture before ordering a physical prototype. VSM brings AGILE development to the embedded workflow.

Circuit Simulation Software



Proteus IoT Builder

A complete workflow for designing an Arduino™ or Raspberry Pi® appliances and then controlling it remotely from a phone or browser. Build multi-appliance systems with the MQTT protocol. Design, simulate and deploy directly from Proteus.

IoT Builder Software

Instalacija Proteus softvera za simulaciju elektronskih kola



The image shows the Proteus VSM Simulation website. The top navigation bar includes links for PCB Design, Circuit Simulation, Visual Designer, Pricing, Resources, and Contact. A shopping cart icon with a '2' badge and a search icon are also present. Below the navigation bar, the breadcrumb trail reads 'Home » VSM Simulation'. The main heading is 'Circuit Simulation Software'. The text describes Proteus Virtual System Modelling (VSM) as a mixed-mode SPICE simulation with fast microcontroller simulation capabilities, enabling rapid prototyping of hardware and firmware designs. It also mentions that users can design, test, and debug embedded projects before ordering a physical prototype. A video player is embedded on the right side of the page, showing a 'TOP 5 FEATURES' video for Proteus VSM. A green arrow points to the 'Try For Free' button, which is highlighted with a green circle. The 'Buy Now' button is also visible next to it.

Proteus

PCB Design Circuit Simulation Visual Designer Pricing Resources Contact

Home » VSM Simulation

Try For Free Buy Now

Circuit Simulation Software

Proteus Virtual System Modelling (VSM) blends mixed-mode SPICE simulation with world leading fast microcontroller simulation. It enables rapid prototyping of both hardware and firmware designs, in software!

Design, Test and Debug your embedded projects in the Proteus electronic circuit simulator before a physical prototype is ordered. Agile development for the embedded systems workflow.

PROTEUS VSM
PROTEUS VSM SIMULATION
TOP 5
FEATURES

Instalacija Proteus softvera za simulaciju elektronskih kola



The Proteus Professional demonstration is intended for prospective customers who wish to evaluate our professional level products. It includes all features offered by the professional system including netlist based PCB design with auto-placement, auto-routing and graph based simulation.

The Limitations of the demonstration version are as follows:

- ✓ Not time limited!
- ✓ Extensive set of sample designs included to help you evaluate all aspects of the software.
- ✓ You **can** write your own software to run on existing sample designs for evaluation purposes.
- ✗ You can only print Schematics and Layouts from the sample designs.
- ✗ You cannot save your work.
- ✗ You cannot simulate your own microcontroller designs.

Please note using a download manager or accelerator may corrupt the file.

[Download the Demonstration version here.](#)

Instalacija Proteus softvera za simulaciju elektronskih kola

- Unesite vaš e-mail

Download Proteus Professional Demonstration



Thanks! You should receive a link to download the Proteus demo shortly. Please check your spam folder or make sure you entered the correct address if this does not arrive.

Instalacija Proteus softvera za simulaciju elektronskih kola

Please find your link to download the Proteus Demo below. This link will expire after 2 hours from the time it was requested. After the link has expired you will need to request a new one from the website:

[Download Proteus Demo \(Link will expire in 2 hours\)](#)

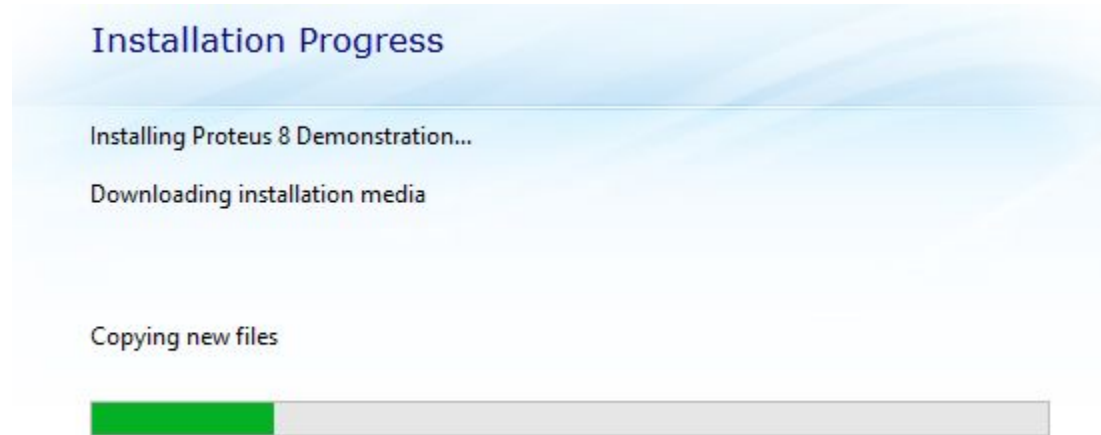


- Kliknete na link u dobijenom emailu



Instalacija Proteus softvera za simulaciju elektronskih kola

- Zatim instalirajte preuzeti .exe fajl (prihvatite licencu, instalacija tipična)



Instalacija Proteus softvera za simulaciju elektronskih kola

- Sada ste instalirali trial verziju Proteus softvera

U trial verziji ne možete sačuvati vaš rad.



Prvi projekat u Proteus softveru

- Pravimo novi projekat



Prvi projekat u Proteus softveru

New Project Wizard

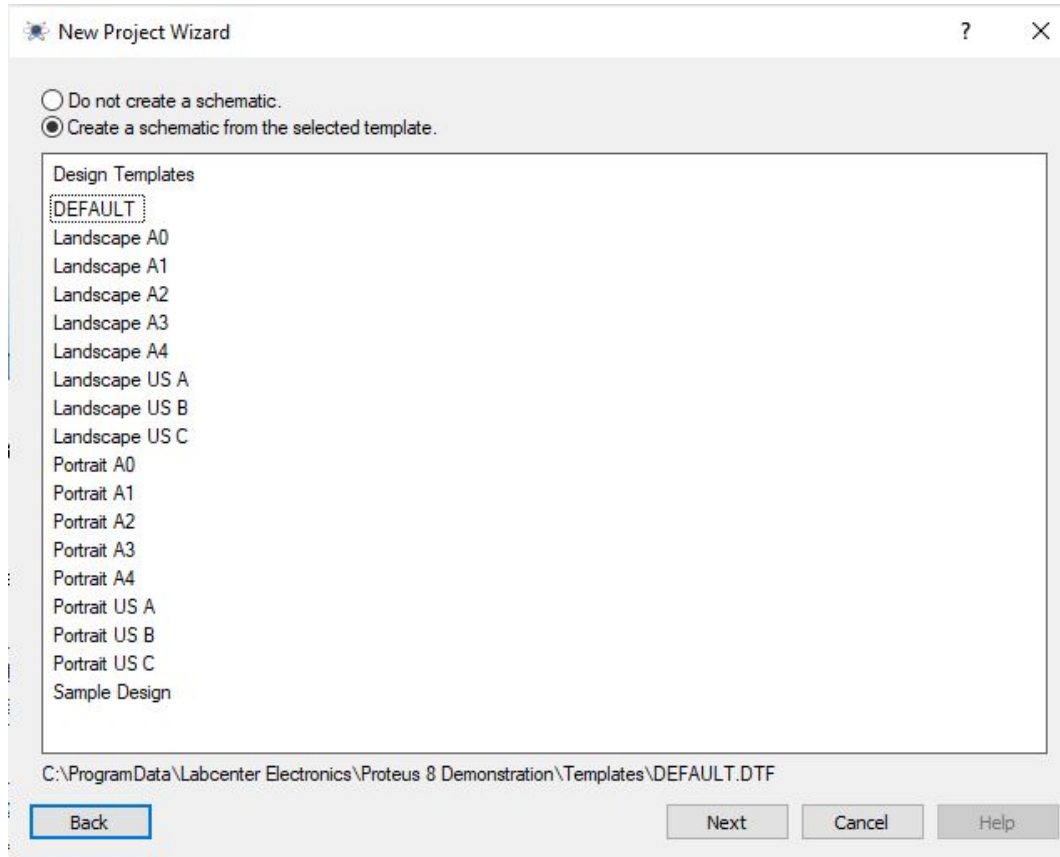
Project Name

Name

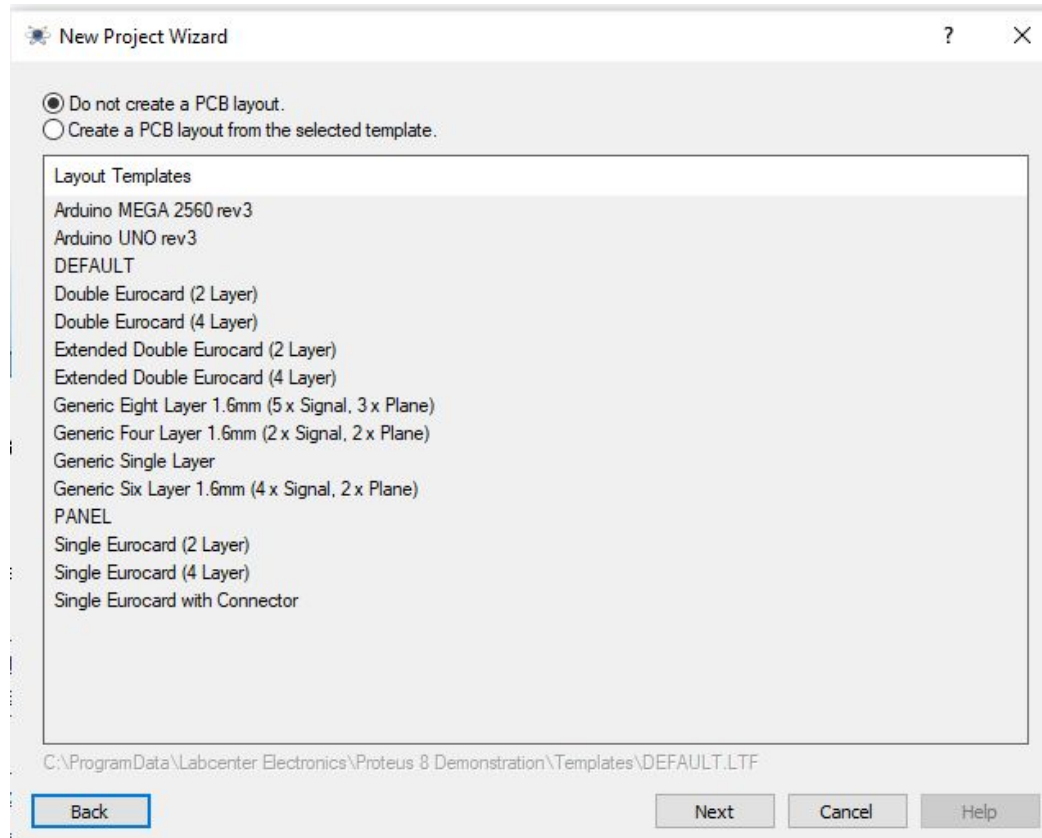
Path

☒ New Project ☐ From Development Board ☐ Blank Project

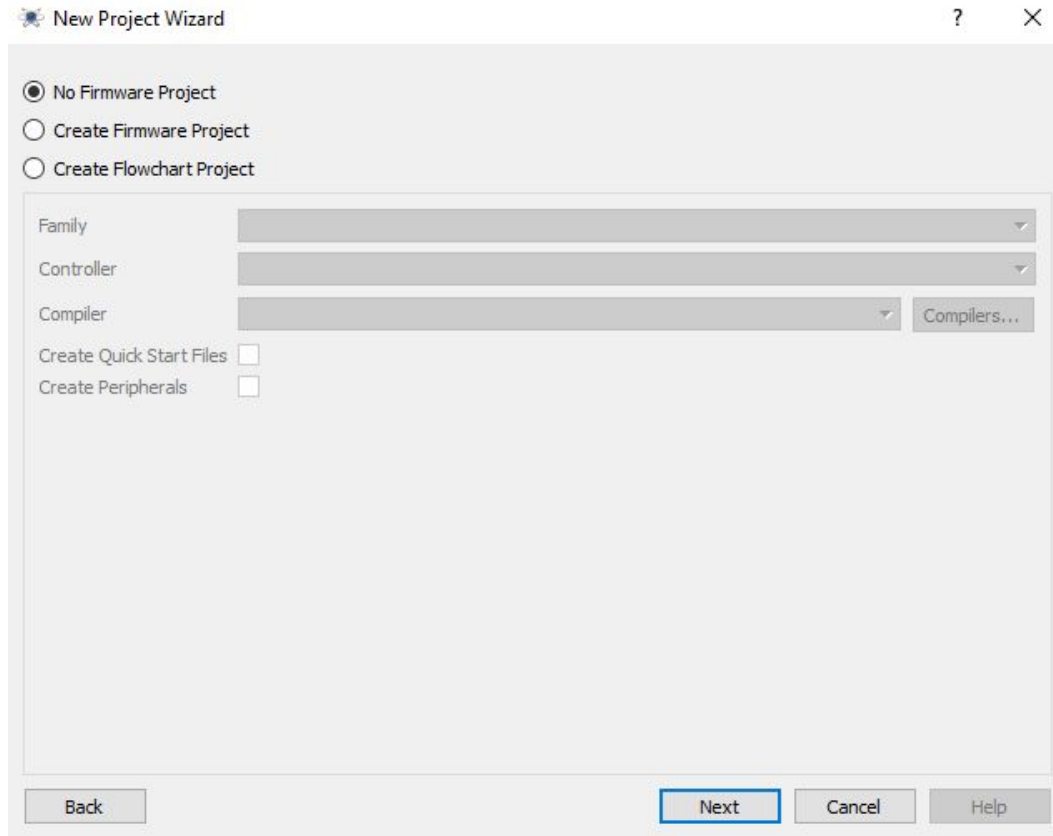
Prvi projekat u Proteus softveru



Prvi projekat u Proteus softveru



Prvi projekat u Proteus softveru



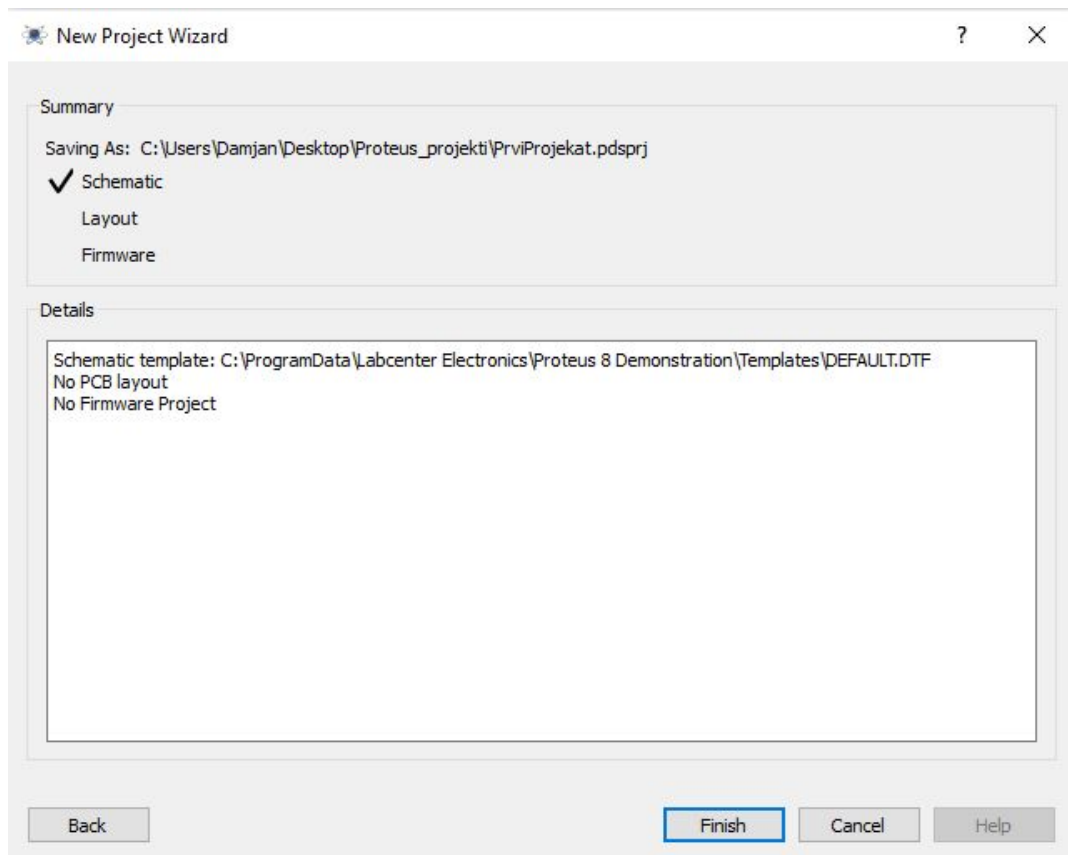
New Project Wizard

☒ No Firmware Project
☐ Create Firmware Project
☐ Create Flowchart Project

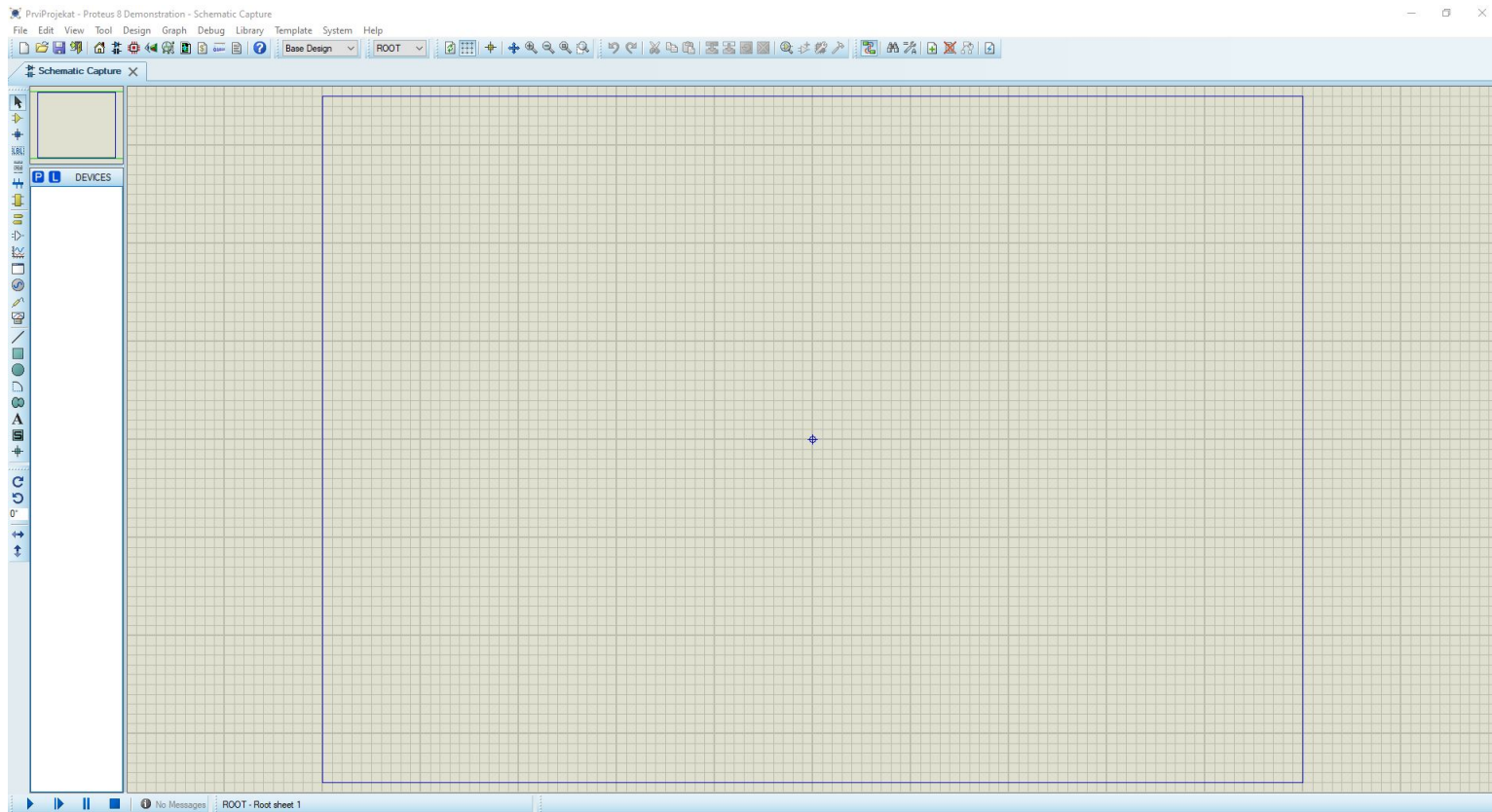
Family
Controller
Compiler

Create Quick Start Files ☐
Create Peripherals ☐

Prvi projekat u Proteus softveru

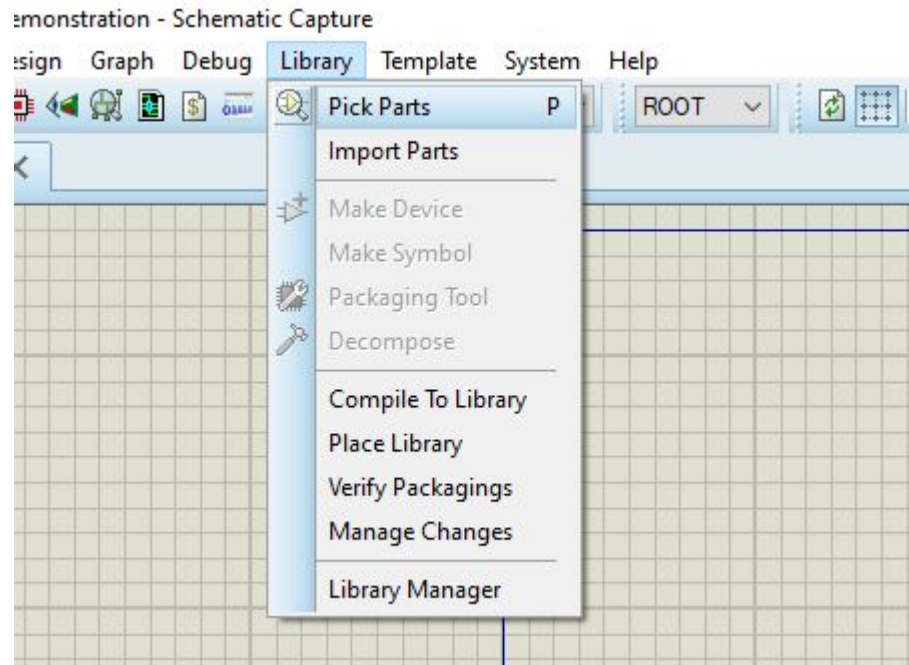


Izgled radne površine



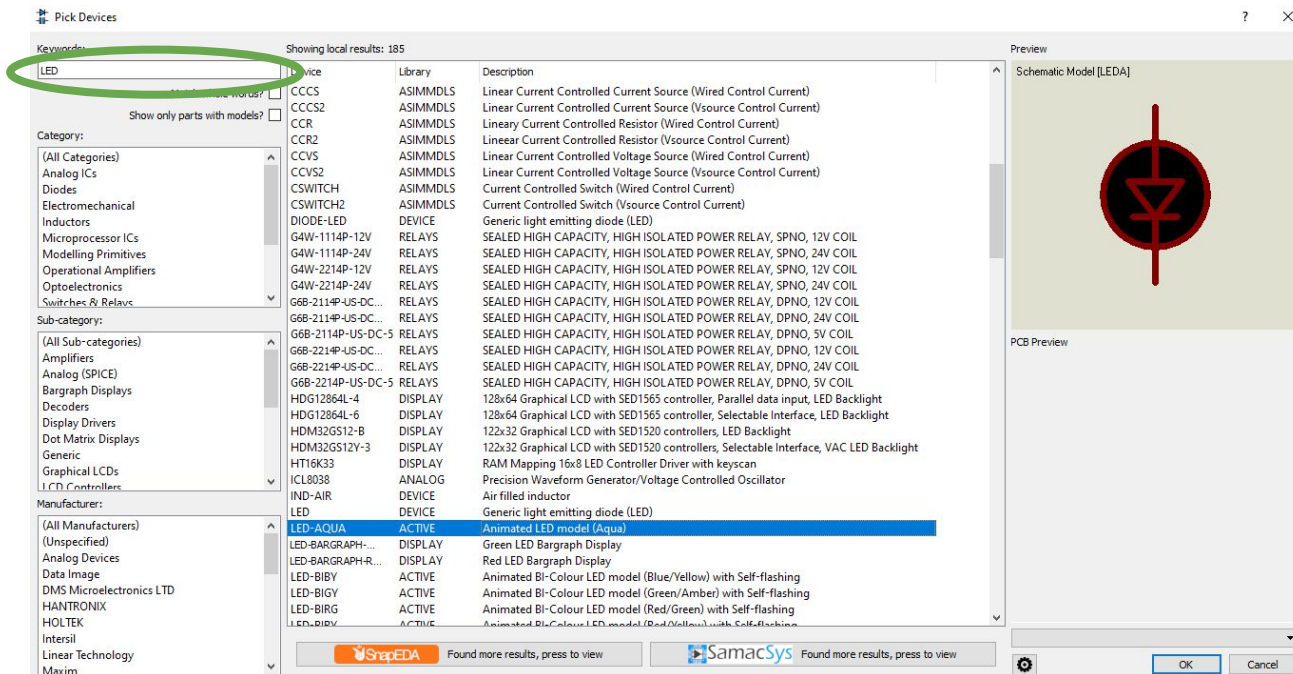
Izgled radne površine

Dodavanje nove komponente



Proteus

U keywords unesete naziv komponente



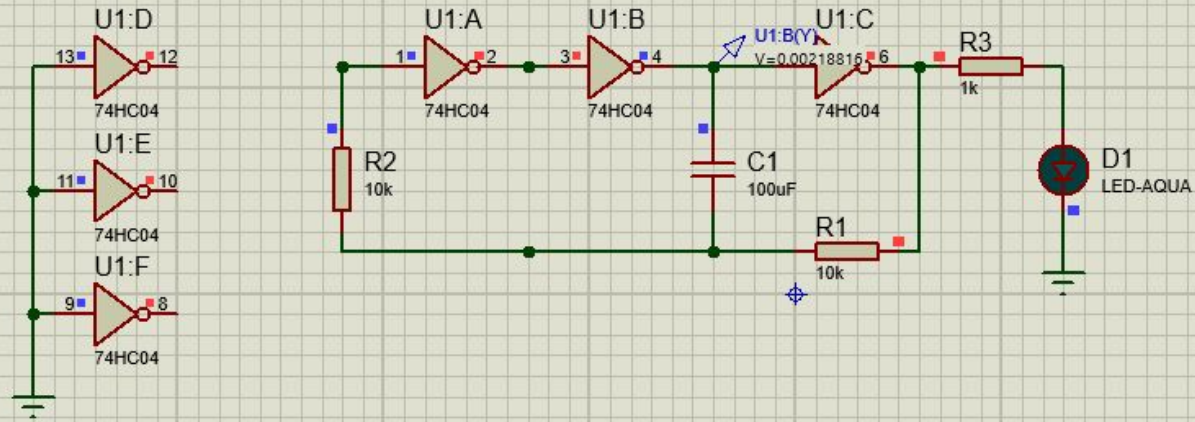
Proteus

*PINOUT 74HC04

ELEMENTS=6
PINS=14

IP A = 1,3,5,13,11,9
OP Y = 2,4,6,12,10,8
PP (VCC) = 14
PP (GND) = 7

GATESWAP=TRUE



Digitalna elektronika