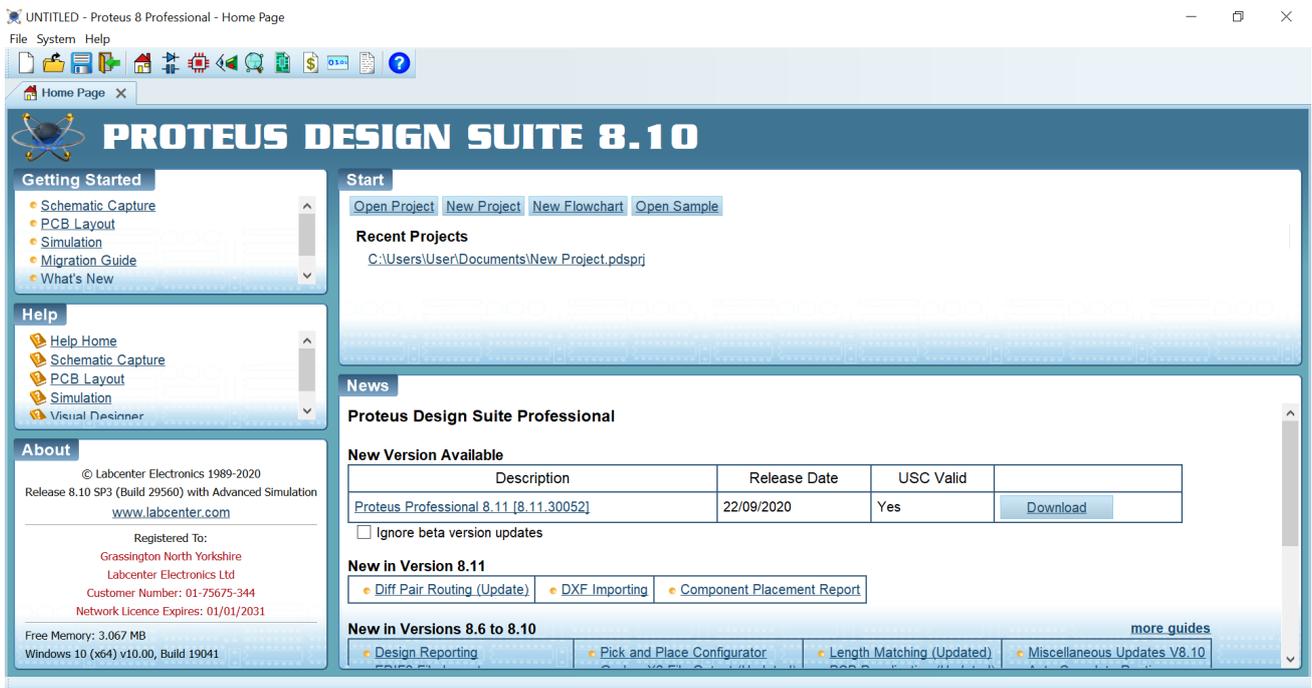
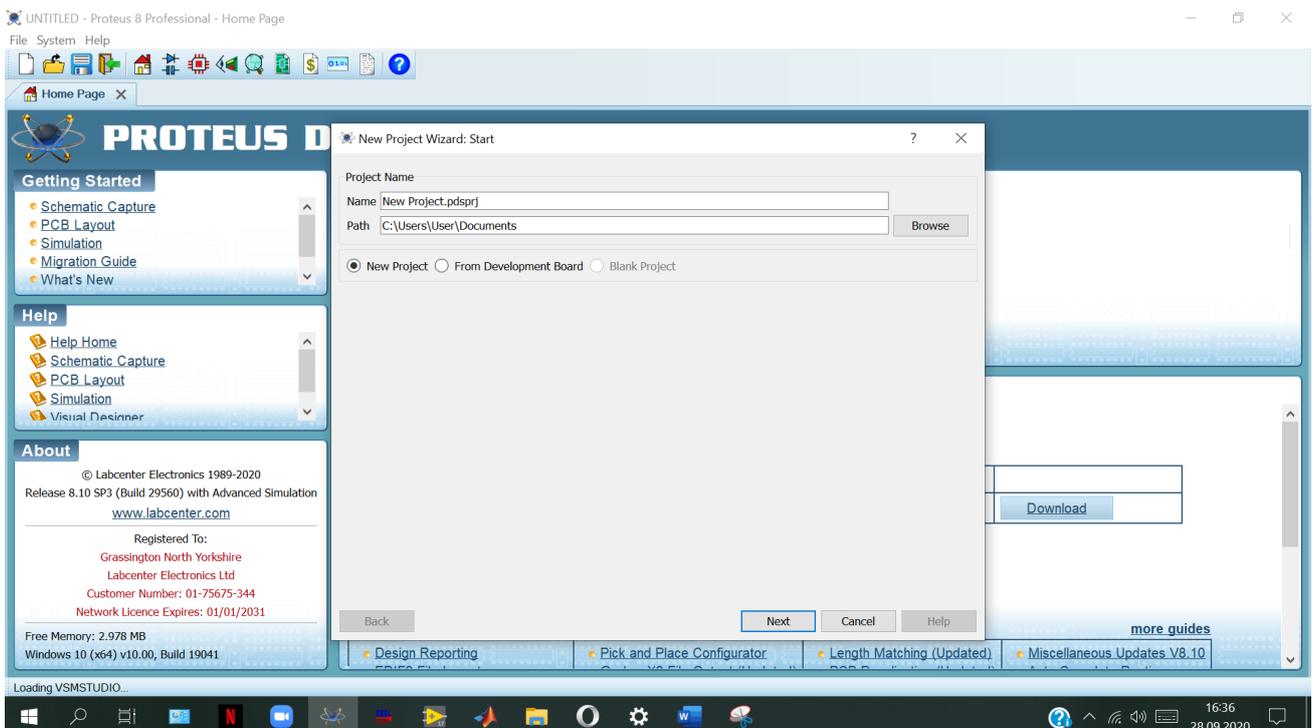


Proteus Design Suite Tutorial

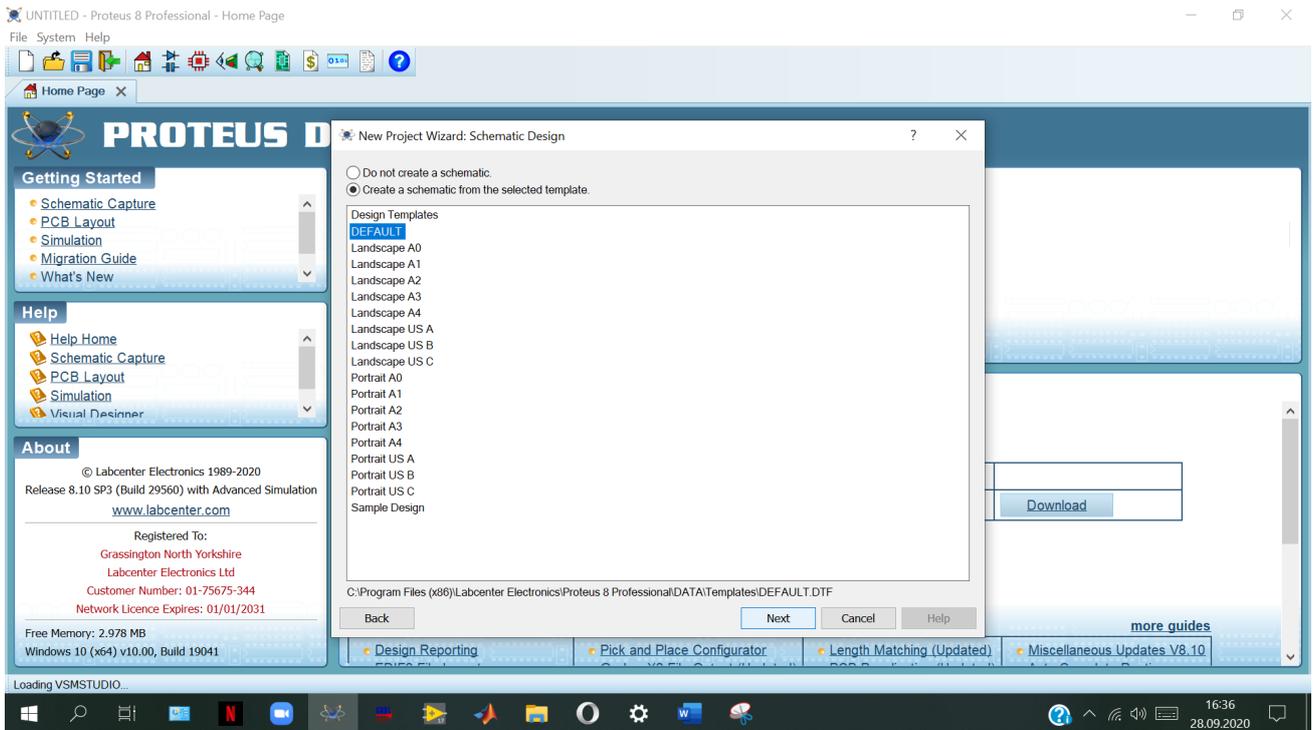
- To start the software, click on the Start button and select Programs, Proteus 8 Professional and then the Proteus 8 application. The main application will then load and run and you will be presented with the Proteus home page.



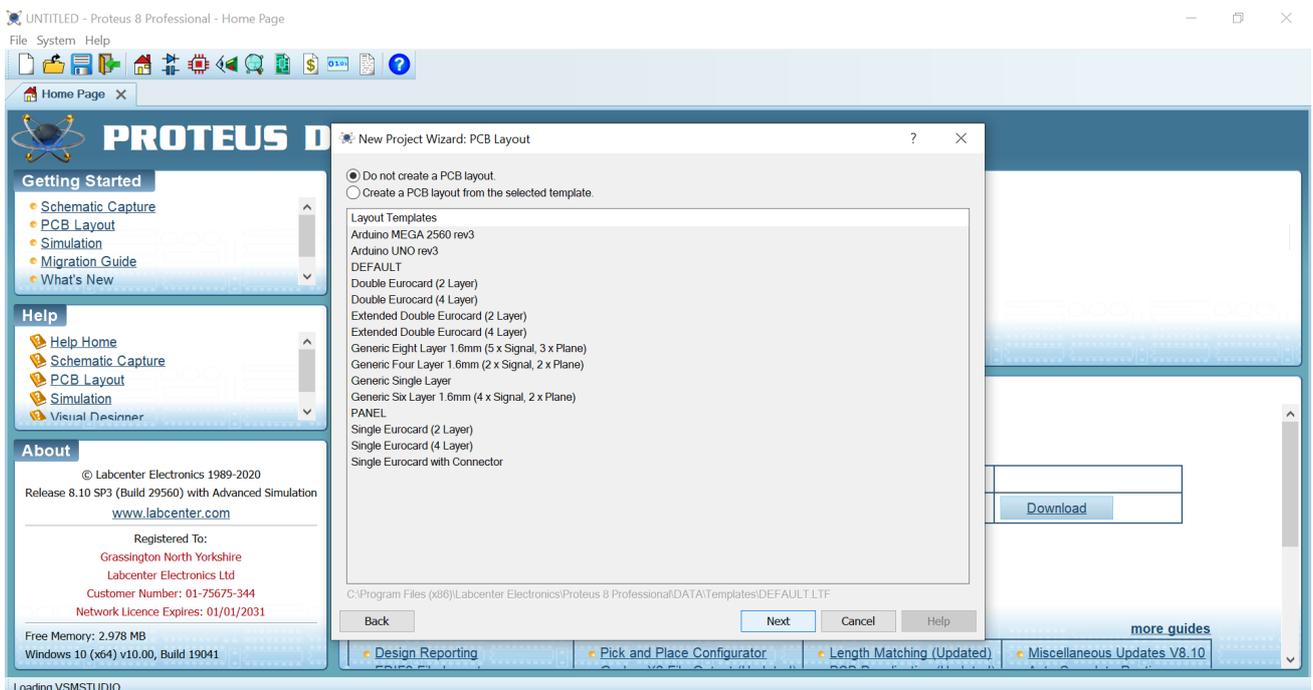
- Start by pressing the new project button near the top of the home page in Proteus



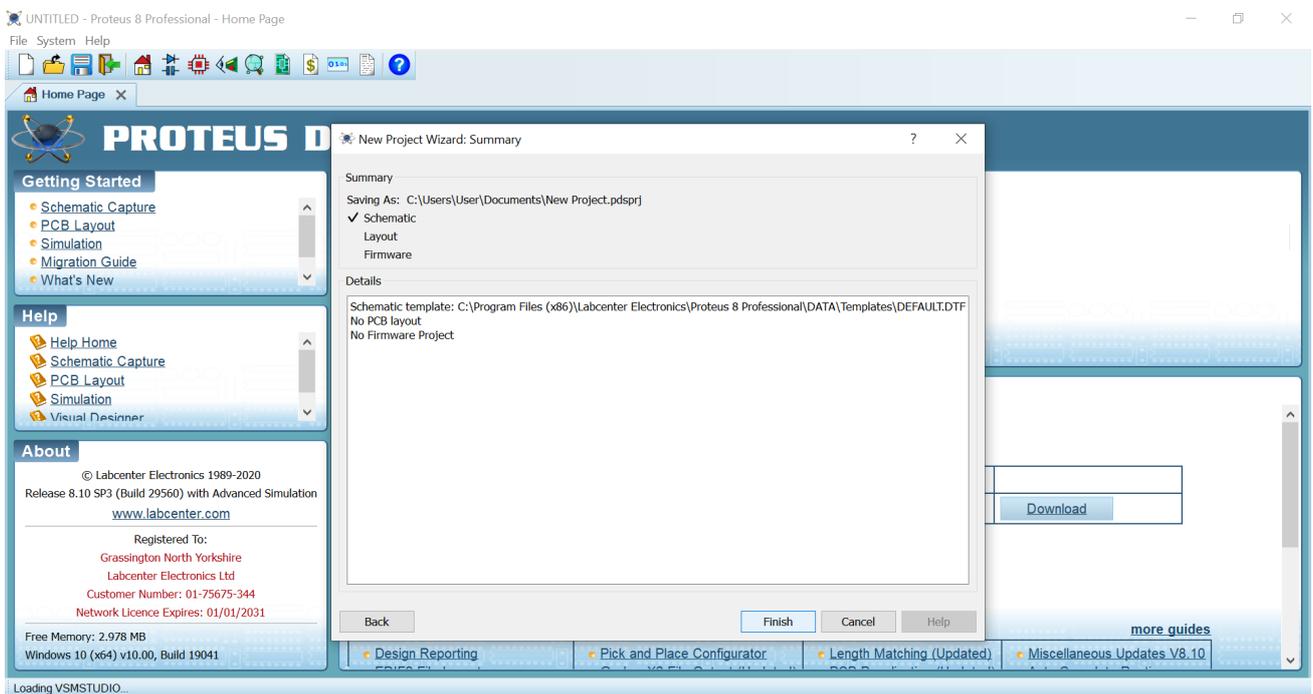
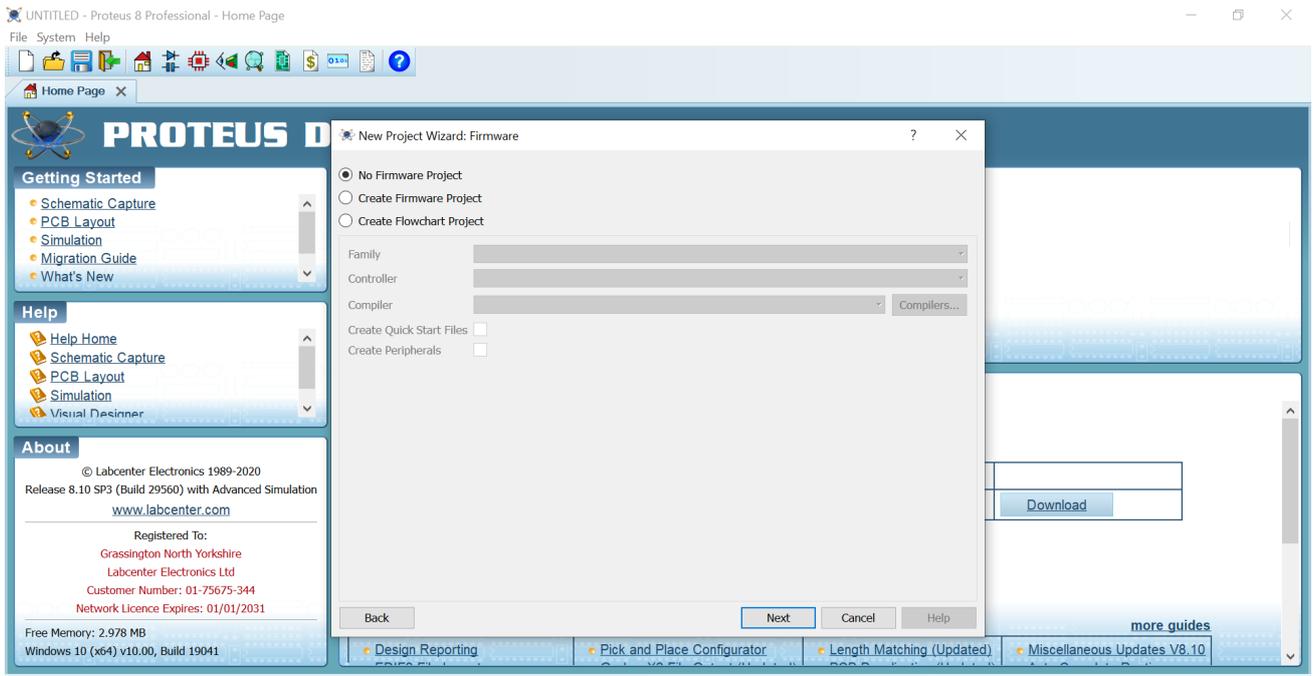
- On the first page of the wizard specify a name and path for the project.



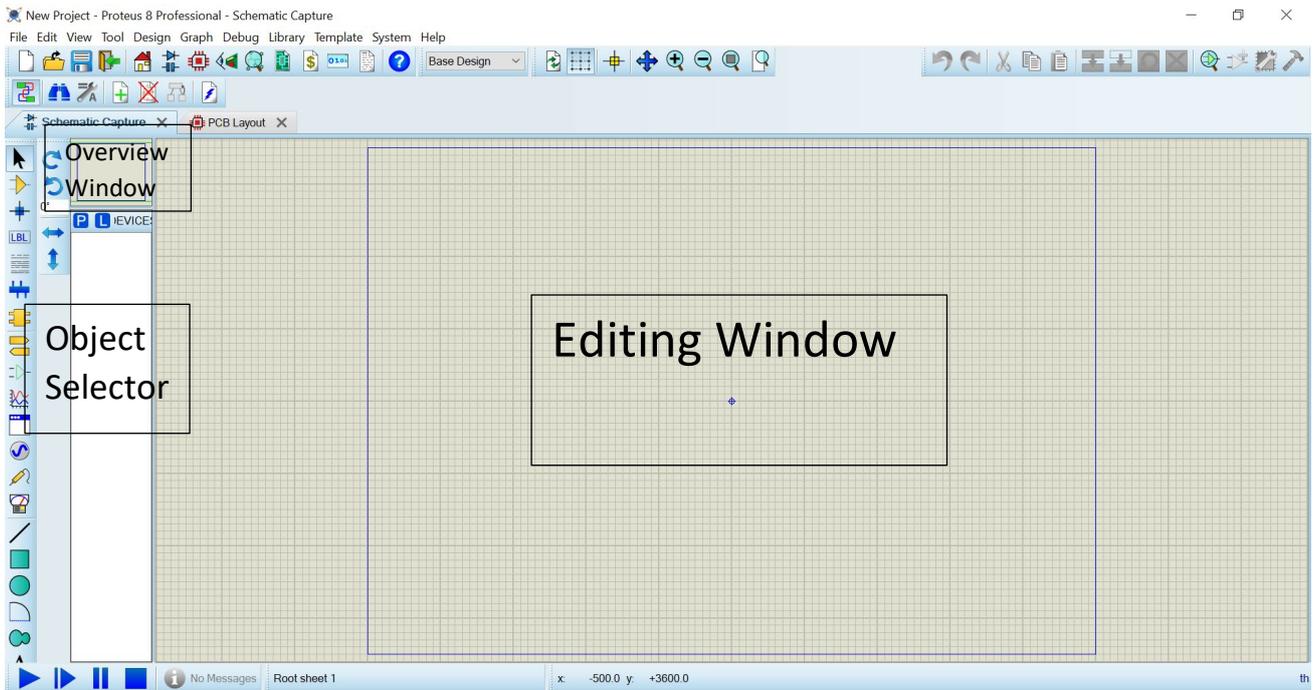
- Similarly, we need a layout so check the box at the top of the layout page and again choose the default template.



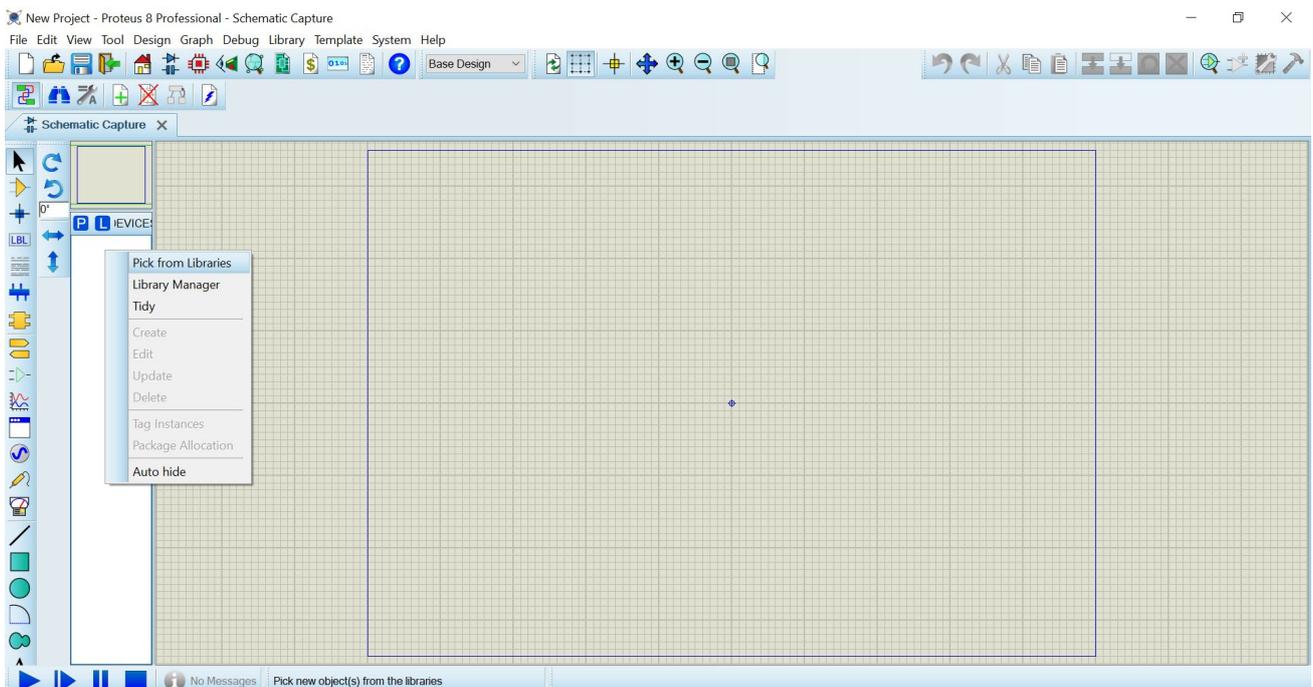
- The next screen allows us to define the layer stack for our PCB. Since we will be designing a simple default board there is no configuration necessary here.



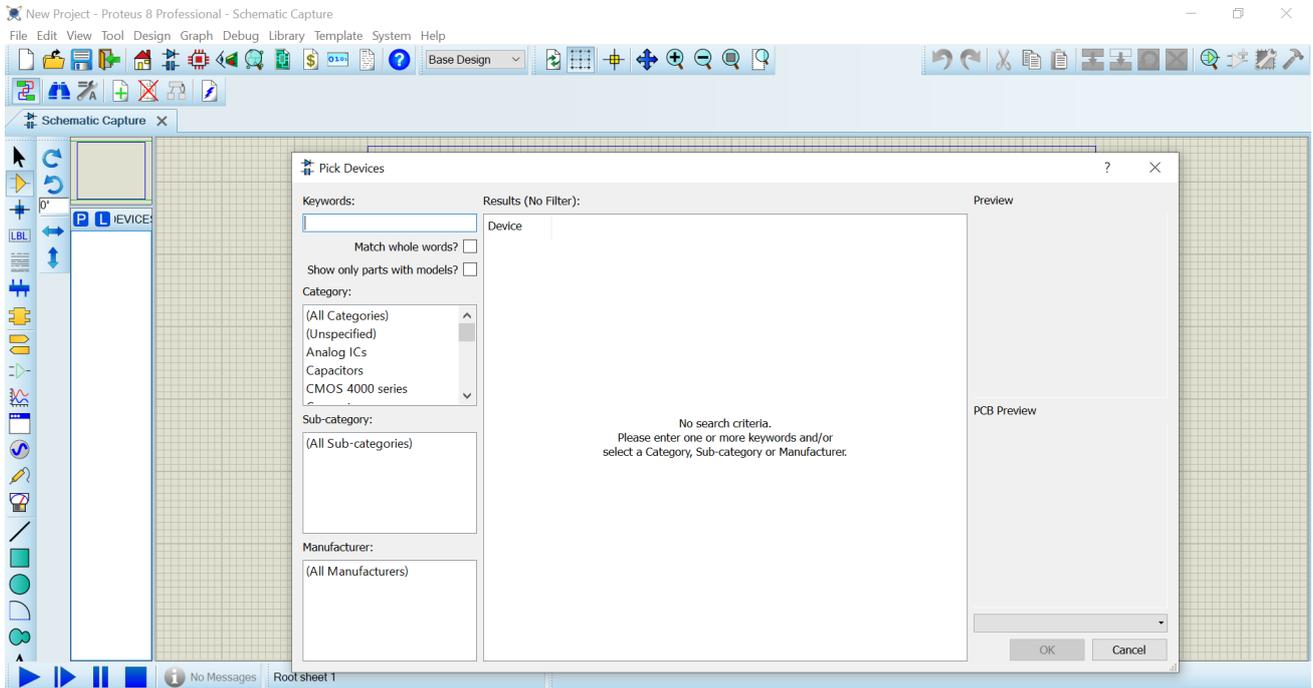
- The project will open with a tab, schematic capture .



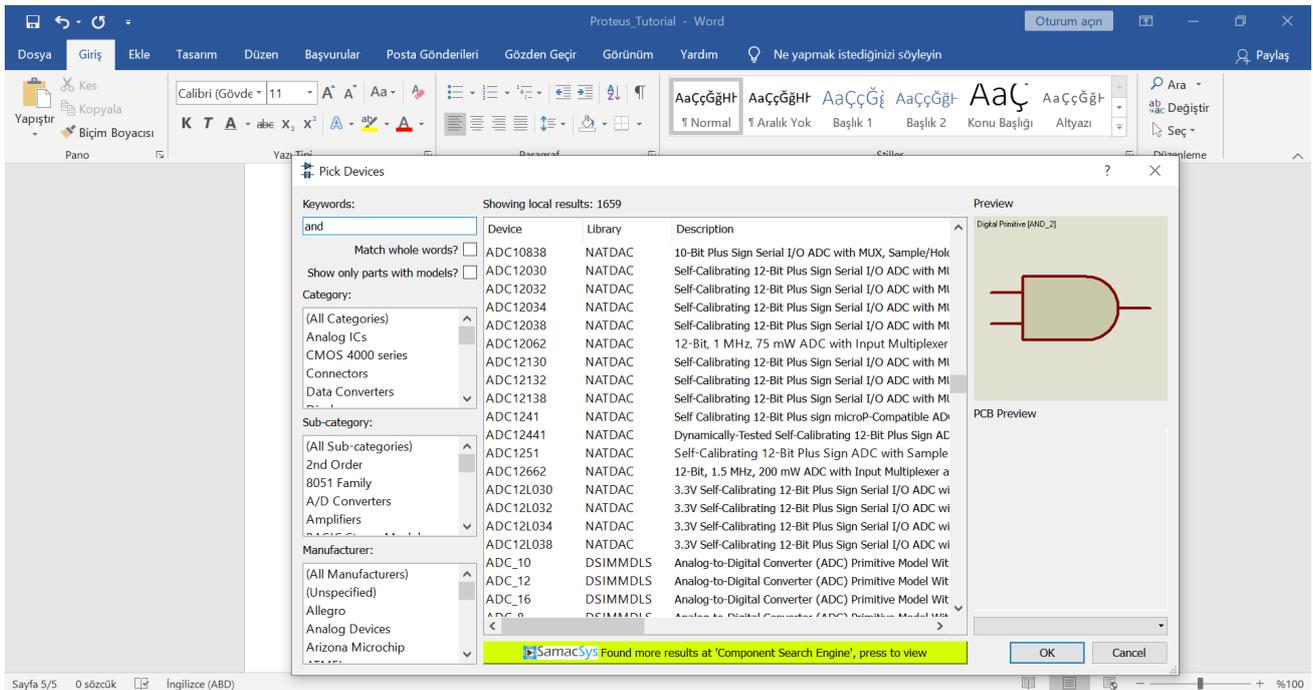
- The largest area of the screen is called the Editing Window, and it acts as a window on the drawing - this is where you will place and wire-up components.
- The smaller area at the top left of the screen is called the Overview Window. In normal use the Overview Window displays, as its name suggests, an overview of the entire drawing - the blue box shows the edge of the current sheet and the green box the area of the sheet currently displayed in the Editing Window.
- However, when a new object is selected from the Object Selector the Overview Window is used to preview the selected object



- Right clicking the mouse either in the Object Selector or in the Overview Window will provide a context menu, including the option to 'auto hide' the left hand pane. This is extremely useful if you want to maximise the editing area of the application.
- Click on the P button at the top left of the Object Selector as shown below. You can also use the Browse Library icon on the keyboard shortcut for this command (by default this is the P key on the keyboard).



- Library browser a little like an internet search engine, typing in descriptive keywords and then browsing the results to find a specific part.



Proteus Tutorial - Word

Oturum açın

Dozuya Giriş Ekle Tasarım Düzen Başvurular Posta Gönderileri Gözden Geçir Görünüm Yardım Ne yapmak istediğinizi söyleyin

Calibri (Gövde) 11

AaÇÇĞğH AaÇÇĞğH AaÇÇĞğ AaÇÇĞğ AaÇ AaÇÇĞğH

1 Normal 1 Aralık Yok Başlık 1 Başlık 2 Konu Başlığı Altyazı

Yapıştır Kopyala Biçim Boyacı Pano

Yazı Tipi Paragraf

Pick Devices

Keywords: Showing local results: 181

led

Match whole words? Show only parts with models?

Category: (All Categories) Analog ICs Diodes Electromechanical Inductors

Sub-category: (All Sub-categories) Amplifiers Analog (SPICE) Bargraph Displays Decoders

Manufacturer: (All Manufacturers) (Unspecified) Analog Devices Data Image DMS Microelectronics LTD

Device	Library	Description
CCVS	ASIMMDLS	Linear Current Controlled Voltage Source (Wired
CCVS2	ASIMMDLS	Linear Current Controlled Voltage Source (Vsour
CSWITCH	ASIMMDLS	Current Controlled Switch (Wired Control Curre
CSWITCH2	ASIMMDLS	Current Controlled Switch (Vsource Control Curr
DIODE-LED	DEVICE	Generic light emitting diode (LED)
G4W-1114P-12V	RELAYS	SEALED HIGH CAPACITY, HIGH ISOLATED PC
G4W-1114P-24V	RELAYS	SEALED HIGH CAPACITY, HIGH ISOLATED PC
G4W-2214P-12V	RELAYS	SEALED HIGH CAPACITY, HIGH ISOLATED PC
G4W-2214P-24V	RELAYS	SEALED HIGH CAPACITY, HIGH ISOLATED PC
G6B-2114P-US-D...	RELAYS	SEALED HIGH CAPACITY, HIGH ISOLATED PC
G6B-2114P-US-D...	RELAYS	SEALED HIGH CAPACITY, HIGH ISOLATED PC
G6B-2114P-US-D...	RELAYS	SEALED HIGH CAPACITY, HIGH ISOLATED PC
G6B-2214P-US-D...	RELAYS	SEALED HIGH CAPACITY, HIGH ISOLATED PC
G6B-2214P-US-D...	RELAYS	SEALED HIGH CAPACITY, HIGH ISOLATED PC
G6B-2214P-US-D...	RELAYS	SEALED HIGH CAPACITY, HIGH ISOLATED PC
G6B-2214P-US-D...	RELAYS	SEALED HIGH CAPACITY, HIGH ISOLATED PC
HDG12864L-4	DISPLAY	128x64 Graphical LCD with SED1565 controller,
HDG12864L-6	DISPLAY	128x64 Graphical LCD with SED1565 controller,
HDM32GS12-B	DISPLAY	122x32 Graphical LCD with SED1520 controllers
HDM32GS12Y-3	DISPLAY	122x32 Graphical LCD with SED1520 controllers
HT16K33	DISPLAY	RAM Mapping 16x8 LED Controller Driver with
HT16K33	DISPLAY	RAM Mapping 16x8 LED Controller Driver with
HT16K33	DISPLAY	RAM Mapping 16x8 LED Controller Driver with
HT16K33	DISPLAY	RAM Mapping 16x8 LED Controller Driver with

Preview

Analog Primitive [DIODE]

PCB Preview

OK Cancel

SamaSys Found more results at 'Component Search Engine', press to view

Sayfa 6/6 0 sözcük İngilizce (ABD)

New Project - Proteus 8 Professional - Schematic Capture

File Edit View Tool Design Graph Debug Library Template System Help

Base Design

Schematic Capture

Pick Devices

Keywords: Showing local results: 126

opamp

Match whole words? Show only parts with models?

Category: (All Categories) Operational Amplifiers

Sub-category: (All Sub-categories) Ideal Dual Quad Single

Manufacturer: (All Manufacturers) JRC SGS-Thompson

Device	Library	Description
OP-200GP	OPAMP	Dual, Low Power Operational Amplifier
OP-27G	OPAMP	Low Noise, Precision Operational Amplifier
OP-37GN	OPAMP	Low Noise, Precision, High Speed Operational Amplifier
OP-47G	OPAMP	Operational Amplifier
OP-77GP	OPAMP	Ultra Low Offset Voltage Operational Amplifier
OP-90GP	OPAMP	Single Low Voltage Micropower Operational Amplifier
OP09	OPAMP	Quad Matched 741 Type Operational Amplifier
OP11	OPAMP	Quad Matched 741 Type Operational Amplifiers
OP14	OPAMP	Dual general purpose Operational Amplifier
OP1P	DEVICE	Ideal single-pole operational amplifier (OPAMP)
OP1PEN	DEVICE	Ideal single-pole operational amplifier (OPAMP) with
OP215	OPAMP	Dual Operational Amplifier with JFET Inputs
OP220	OPAMP	Dual Micropower Operational Amplifier
OP221	OPAMP	Dual Low Power Operational Amplifier, Single or Dual
OP400	OPAMP	Quad Low Offset, Low Power Operational Amplifier
OPA121KP	OPAMP	Low Cost Precision Difet Operational Amplifier
OPA2107AP	OPAMP	Precision Dual Difet Operational Amplifier
OPA2111KP	OPAMP	Dual Low Noise Difet(R) Operational Amplifier
OPA404KP	OPAMP	Quad High Speed Precision Difet(R) Operational Am
OPA606KP	OPAMP	Wide Bandwidth Difet(R) Operational Amplifier
OPAMP	DEVICE	Ideal operational amplifier (OPAMP)

Preview

No Simulator Model

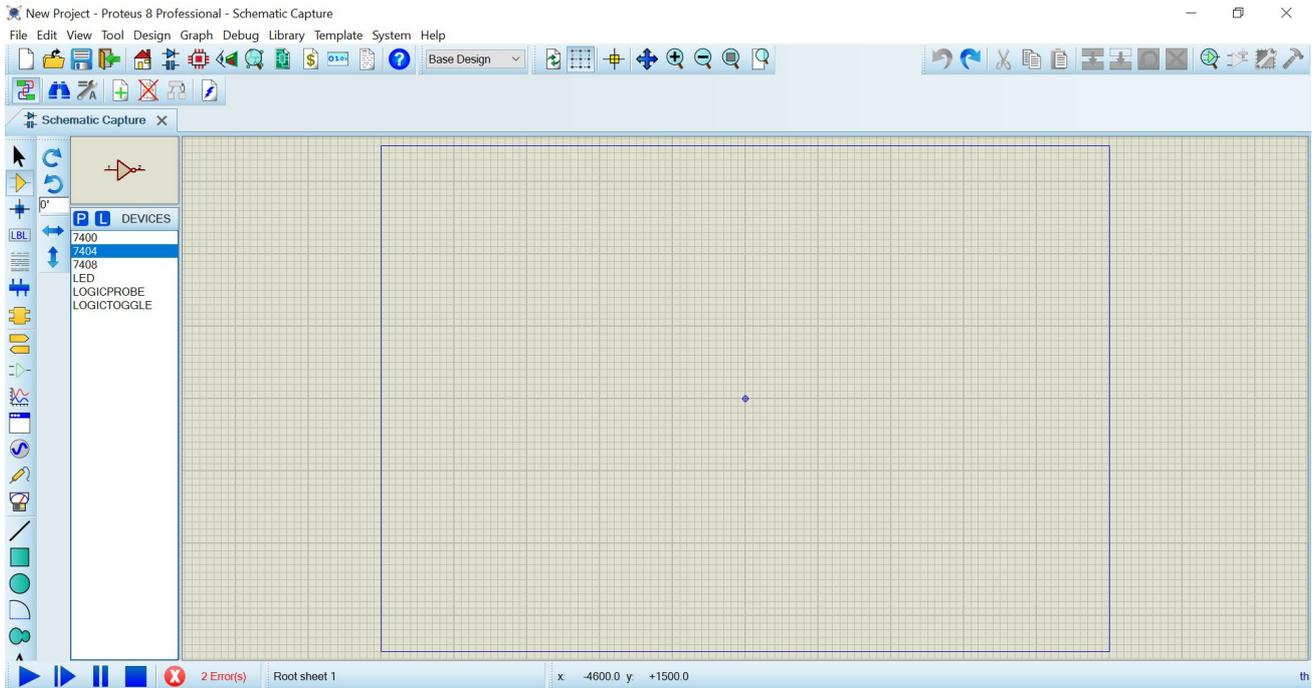
PCB Preview

DIL08

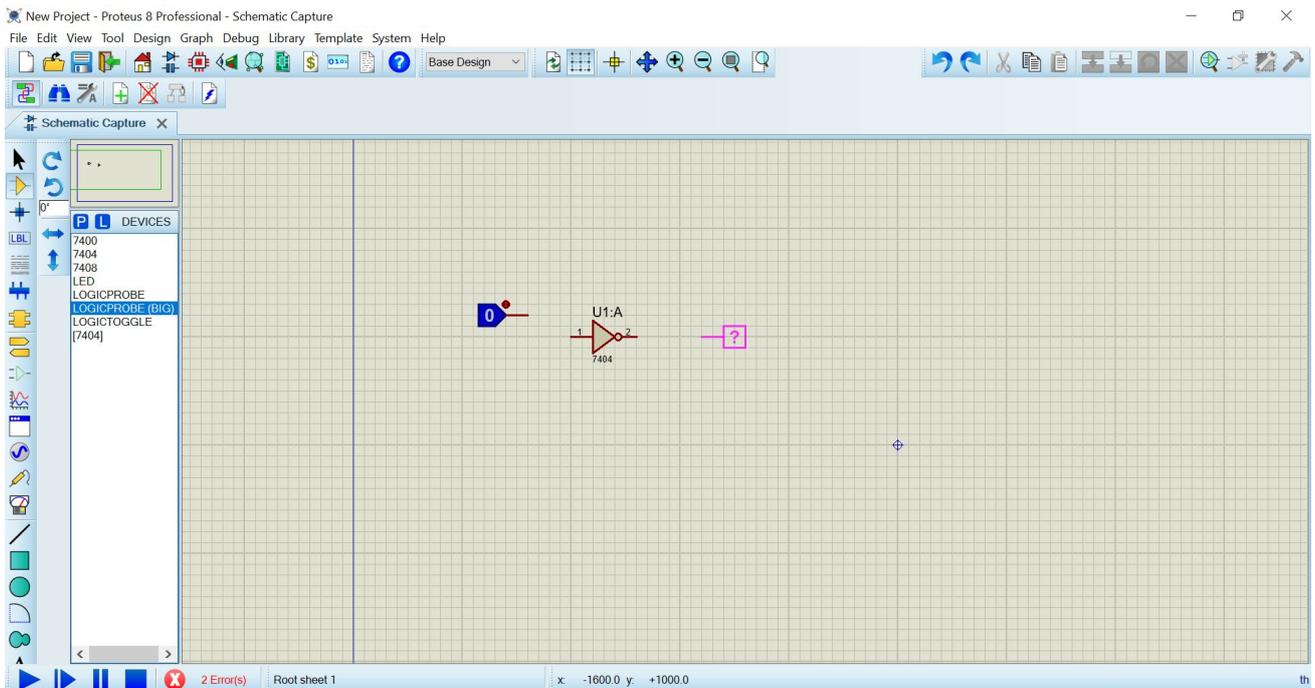
OK Cancel

SamaSys Found more results at 'Component Search Engine', press to view

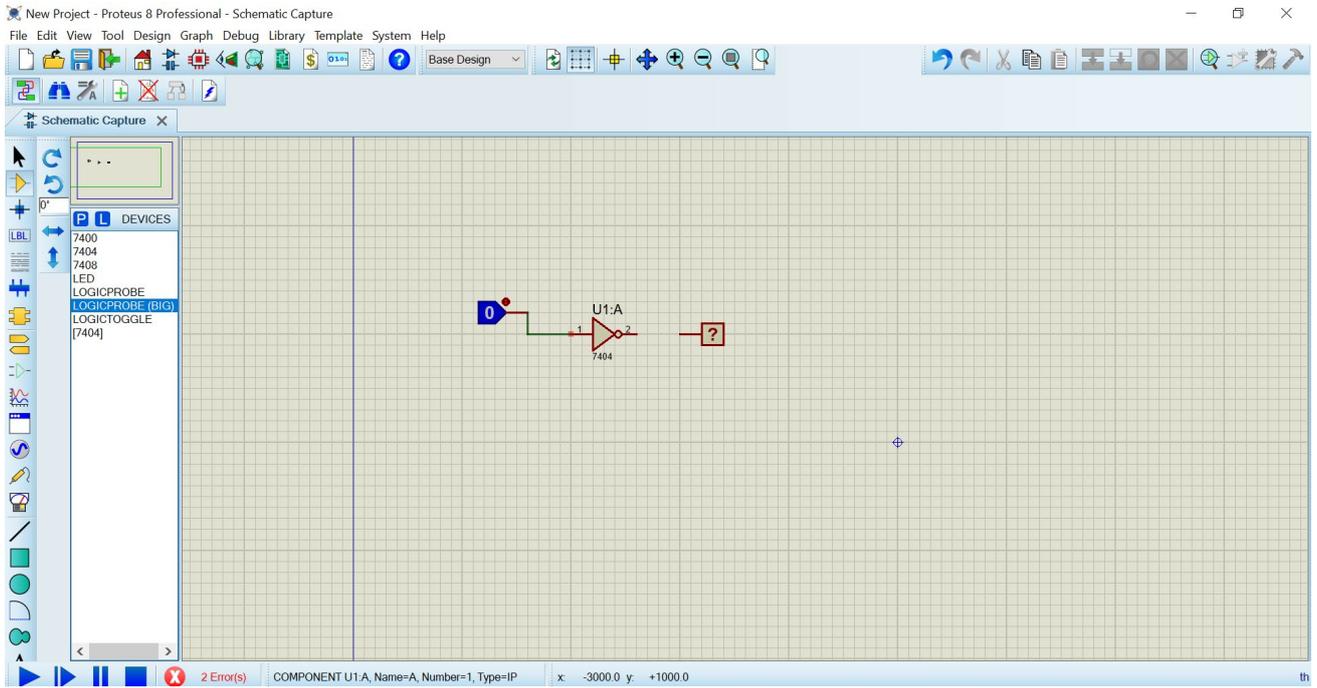
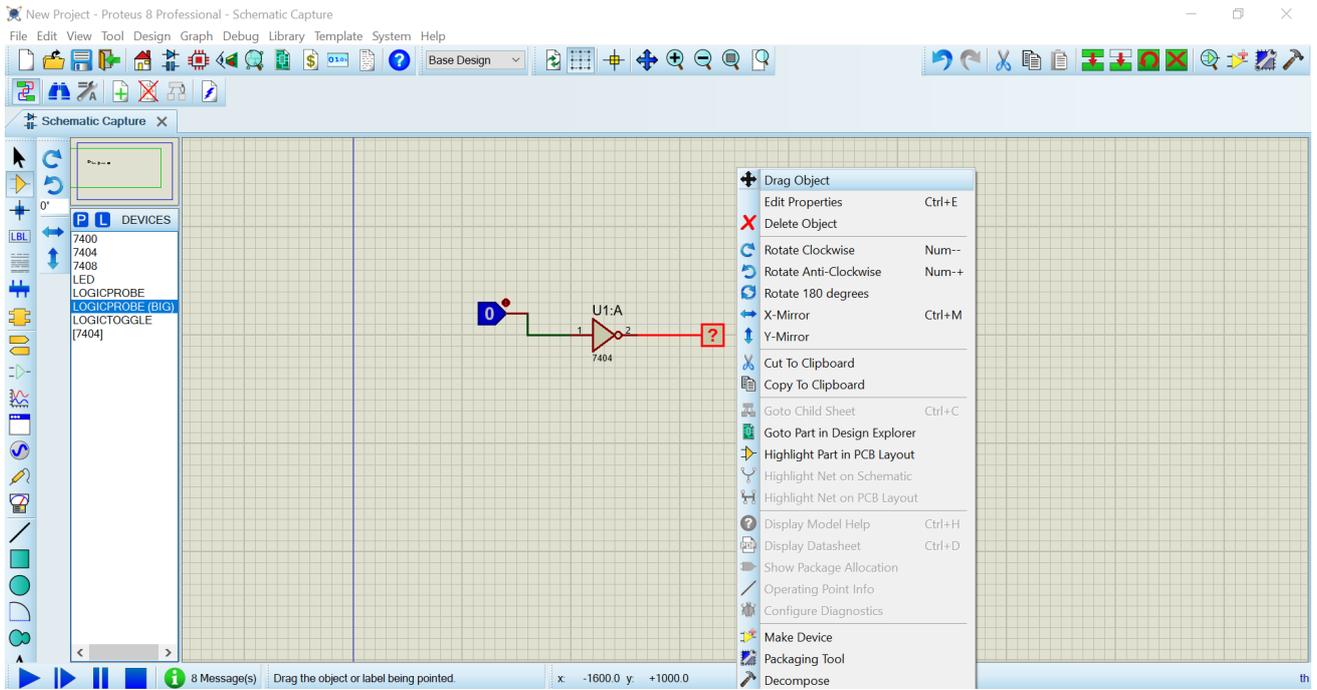
No Messages Root sheet 1

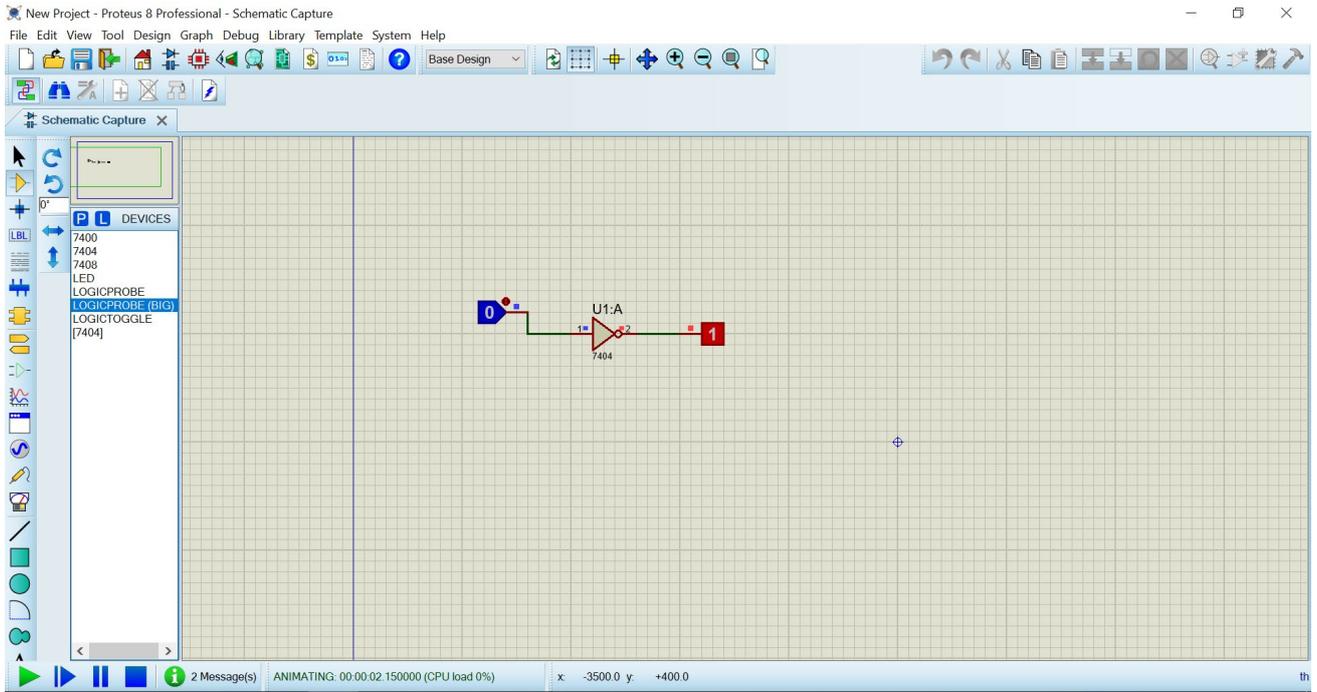


- Having selected the parts we need the next thing is to actually place them on the drawing area – the Editing Window – and wire them together.
- Select the 7404 device from the Object Selector
- Left click on the schematic to enter placement mode
- Move the mouse to the desired location for the part, then left click the mouse again to 'drop' the part and commit placement.



- Often we need to move parts or blocks of circuitry after placement. We need to select the object(s) we want to move, left depress the mouse, drag to the new location and finally release the mouse to drop.





- We use terminals in schematic design simply to terminate a wire and assign a connection. Often this connection is to either power or ground but it can just as easily be to another wire elsewhere on the circuit.

