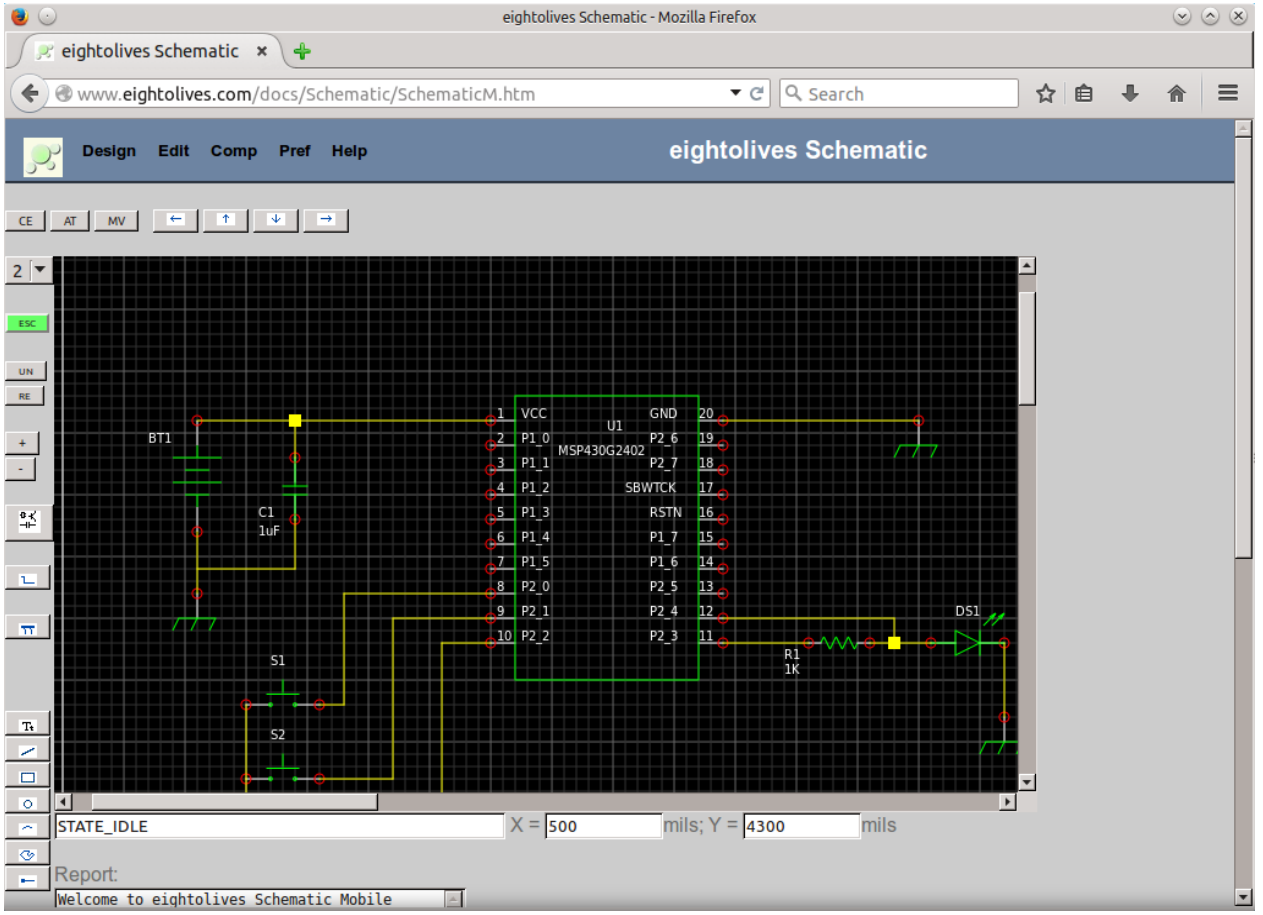
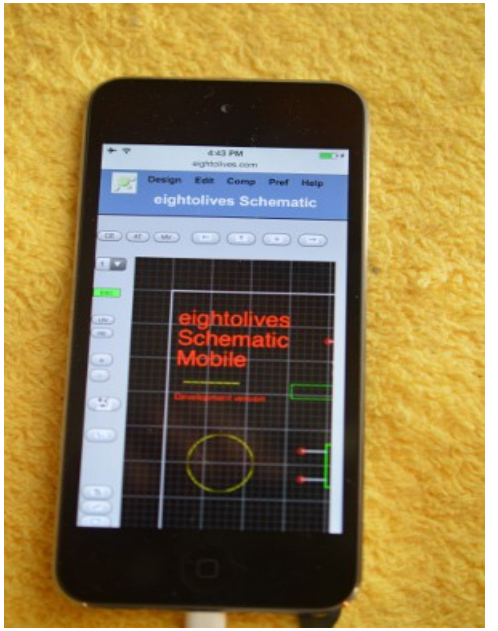
Using Schematic Mobile With Google Drive





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December 5, 2016

- Schematic Mobile is a browser-based, graphical design entry tool.
- You need to store schematic sheet files (.sch) and component symbol files (.sym) in an accessible place (service) to retrieve or share the data.
  - LOCAL service is the browser's cache memory good for short term storage or off-line use
  - The computing device's File System (FS) can be used with manual intervention if it exists
  - Server service (normally eightolives.com) only offers read-only service for design examples and symbol libraries)
  - External Service is a server on a computer that can support storage services such as a computer running eightolives' Microserver on your local network
  - Google Drive can provide a reliable on-line storage service

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File Service Capabilities

	Local	Server eightolives.com	Ext Server (Microserver)	Drive	FS (File System)
Read Files	Y	Y	Y	Y	Y*
Write Files	Y	N	Y	Y	Y*
Delete Files	Y	N	N	Y	N
Share Files	N	Y**	Y	Y	N

* Manual selection only
** eightolives examples and libraries

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Google Drive Pros and Cons

- Pros:
  - Reliable, secure, manageable storage
  - Data can be shared
  - You can access data from various platforms anywhere
- Cons:
  - Need to agree to Google Terms of Service and License
  - Need to be on-line

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Menu Bar

Component Ed
Attribute Edit
Move

Sheet select

Escape

Undo
Redo

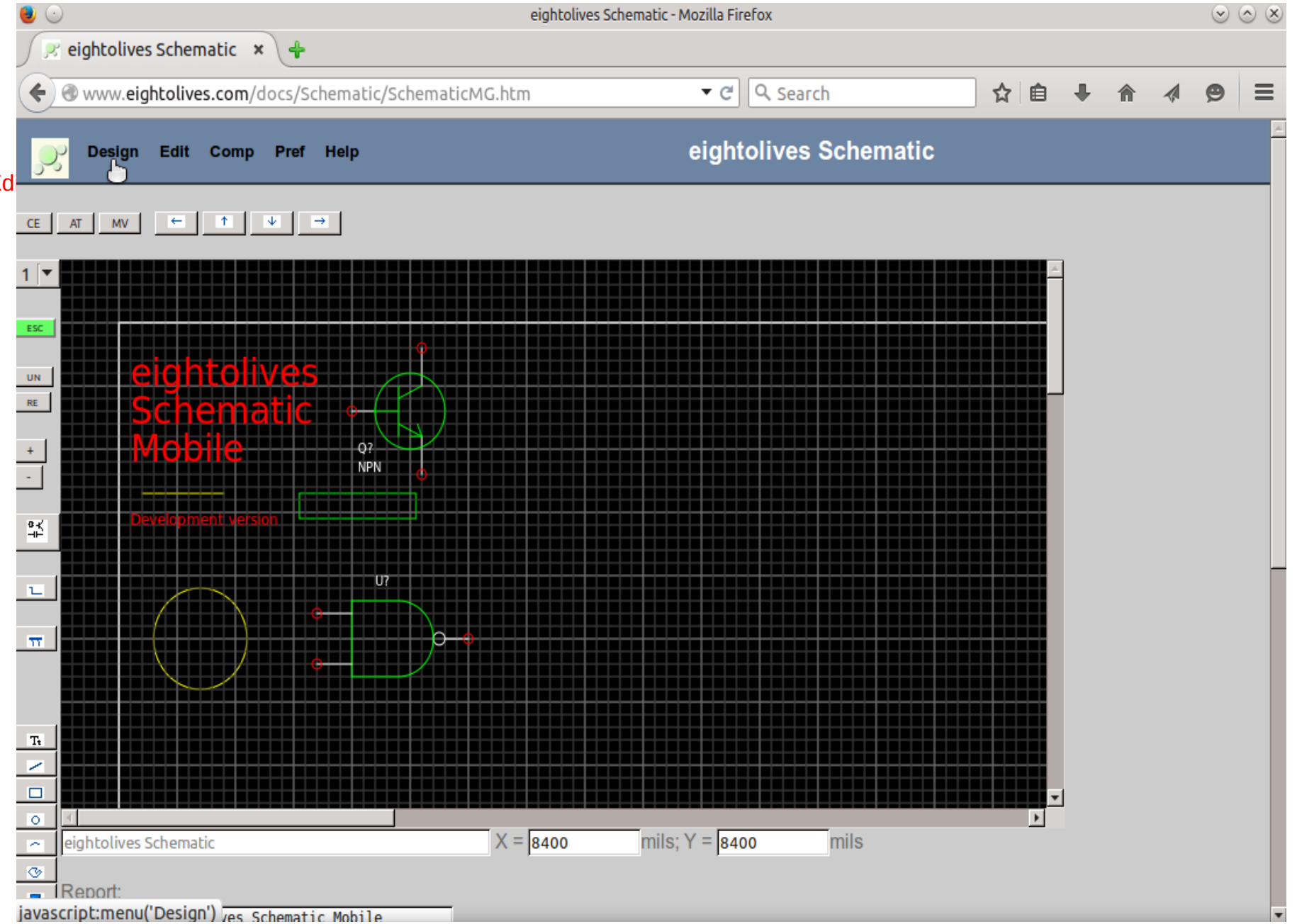
Zoom In
Zoom Out

Component
Select

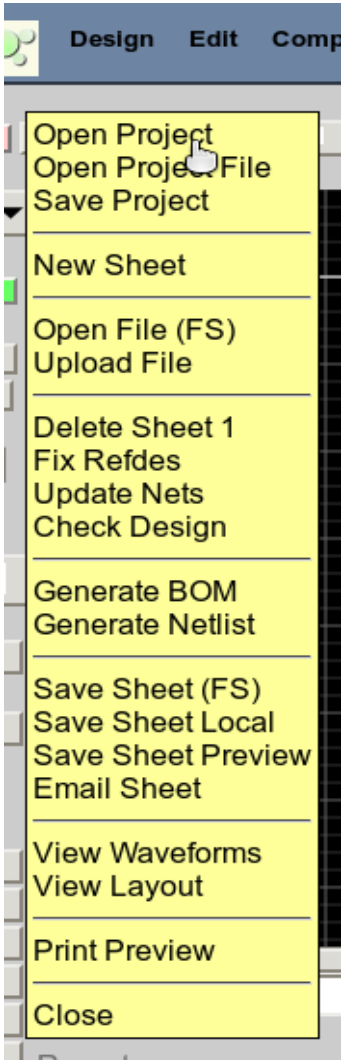
Draw Net

Draw Bus

Add Text
Draw Line
Draw Box
Draw Circle
Draw Arc
Draw Path
Add Picture
Add Pin
Status Line



Click **Design** in the Menu Bar



- Then click **Open Project**

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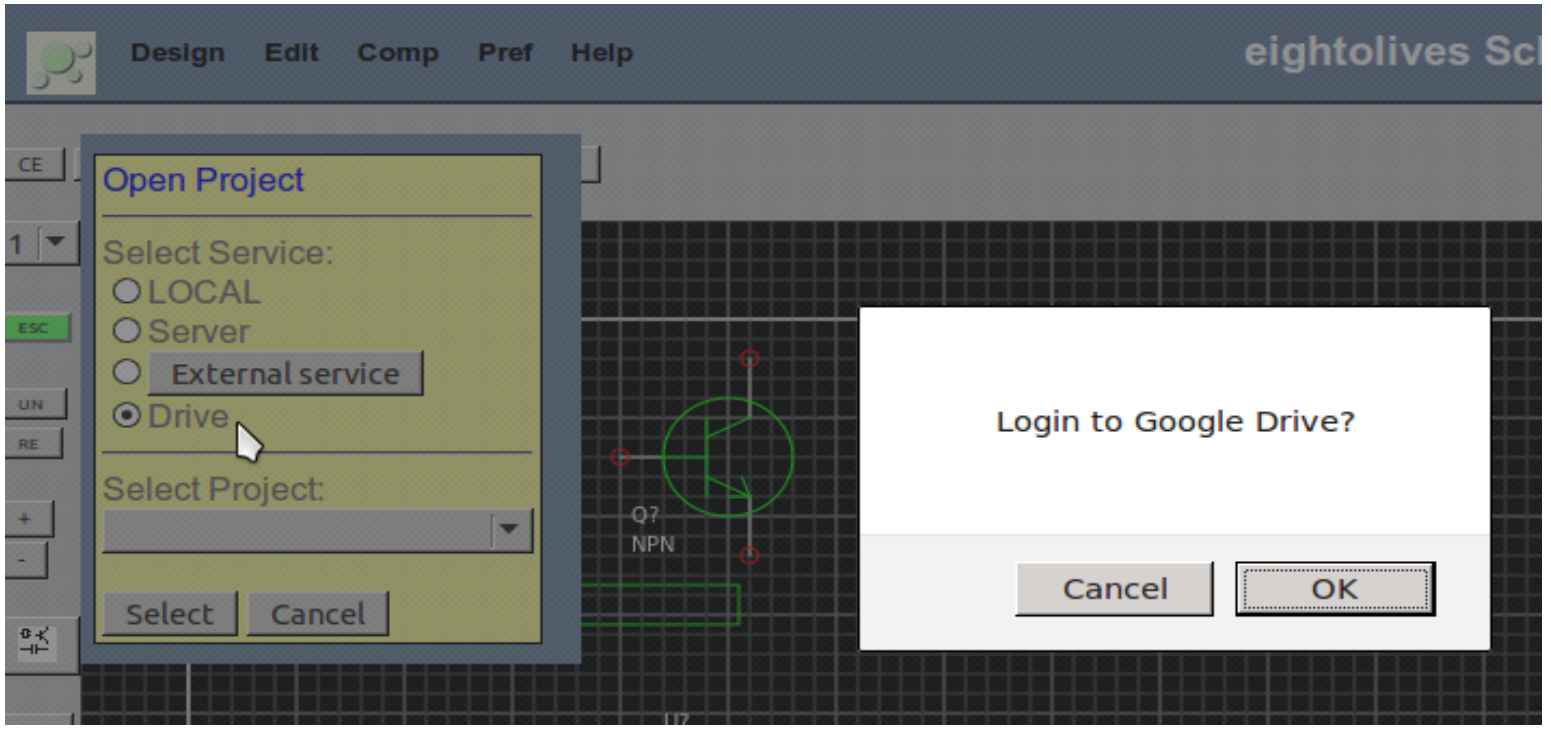
In the Open Project Popup click **Drive**



- If you are not logged in to Google Drive, a dialog box asks if you wish to do so.

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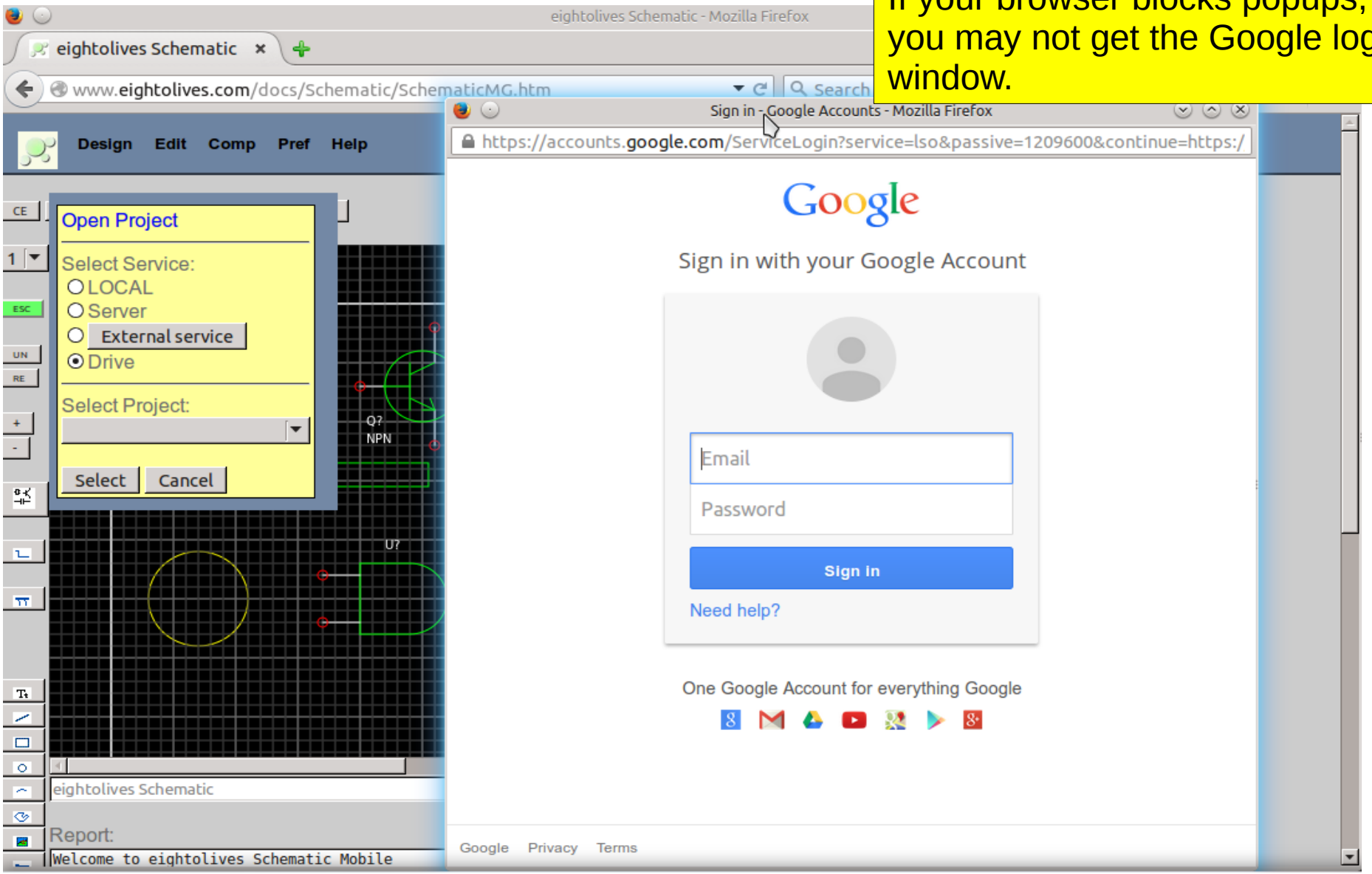
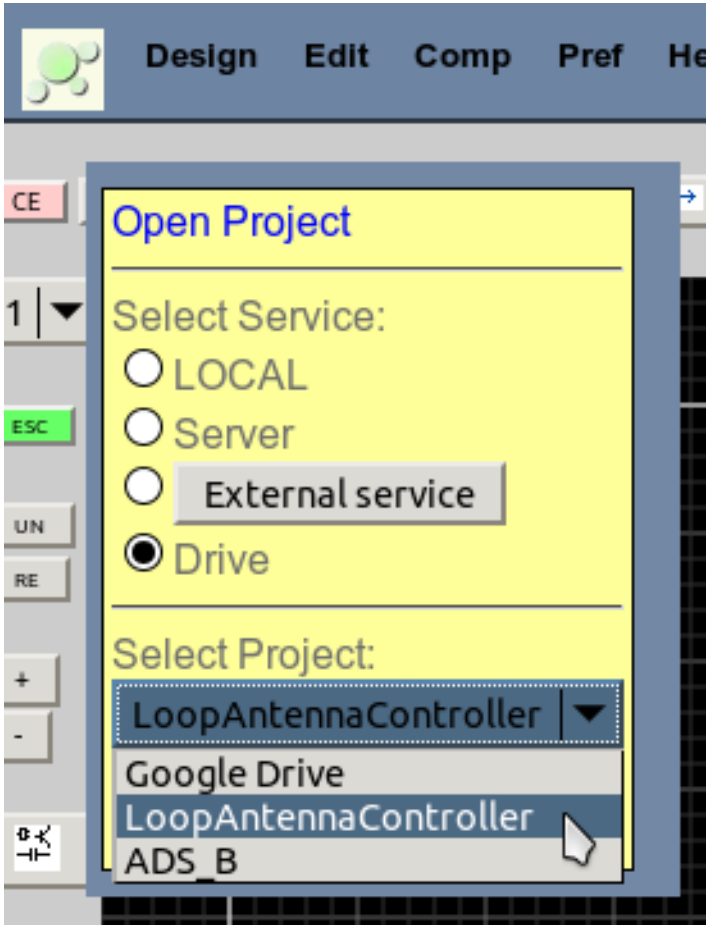
Sign into your account

If your browser blocks popups, you may not get the Google login window.



Once logged in...



- The Select Project pulldown menu will list “Google Drive” and top level folders (projects)
- “Google Drive” is the root directory
- Other top level folders represent different projects
  - Project folders should be created using the Google Drive App
- Pick one and click **Select**

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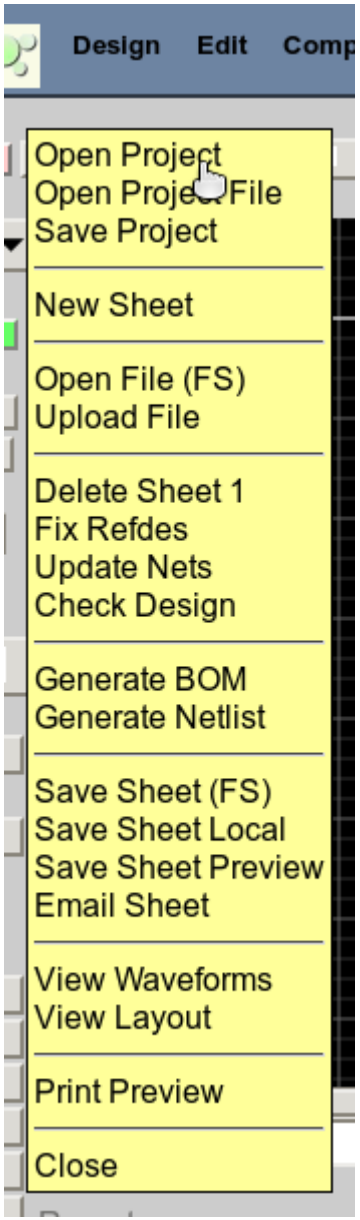
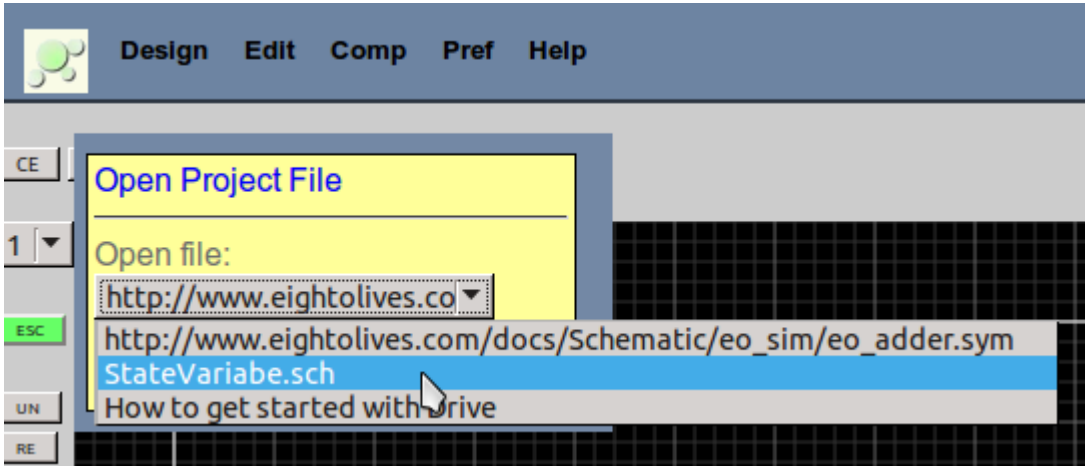
From the Design Menu select Open Project File





Select your file from the drop-down select box.

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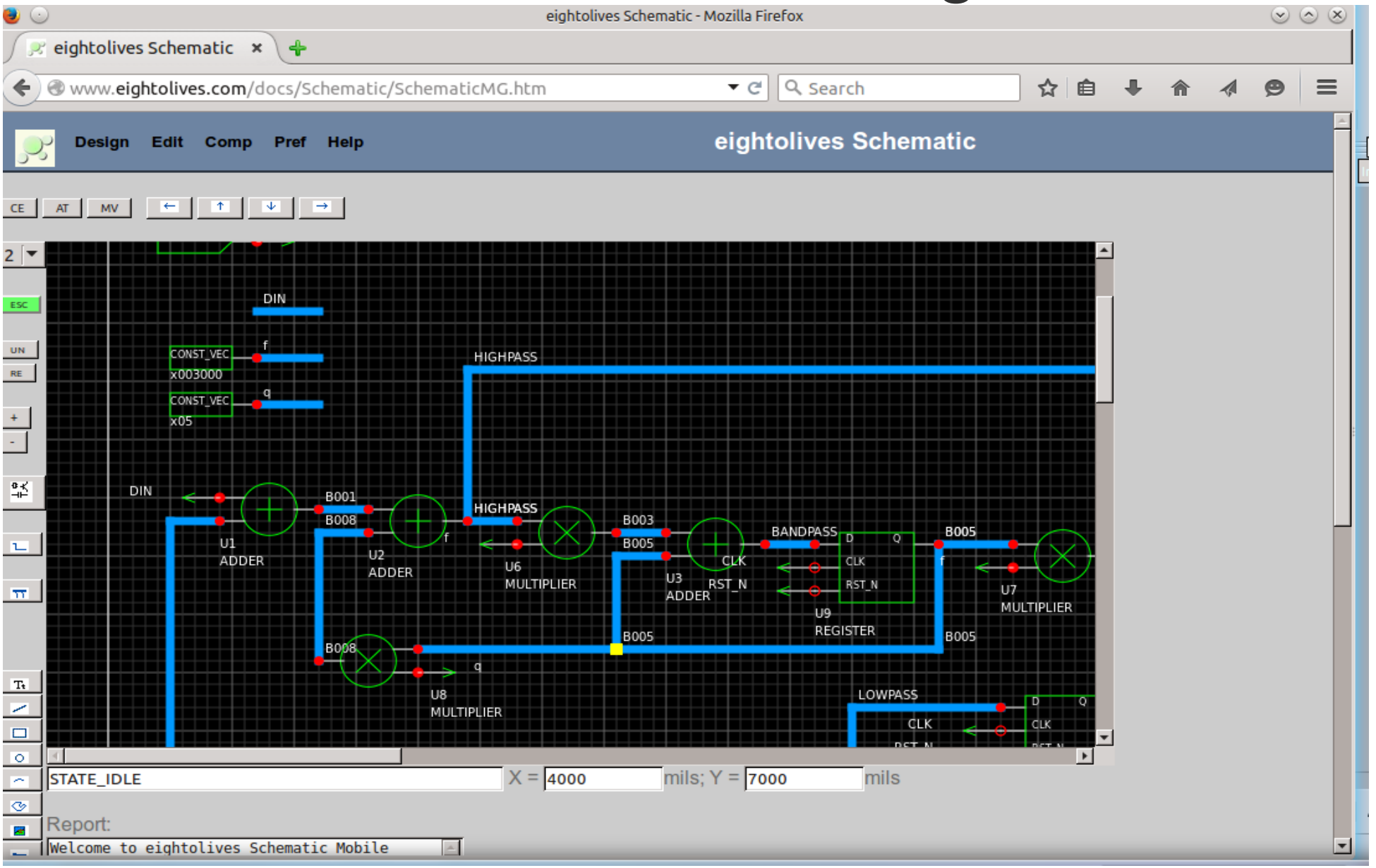

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Notes:

- The Google Drive interface is still being refined so it's subject to changes.
- Schematic Mobile uses Google Drive API v3

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For more information

- Visit http://www.eightolives.com
- For the gEDA Project Wiki visit http://wiki.geda-project.org

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