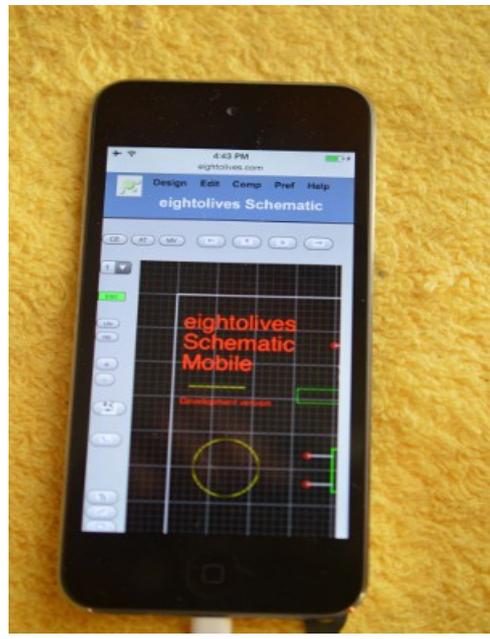
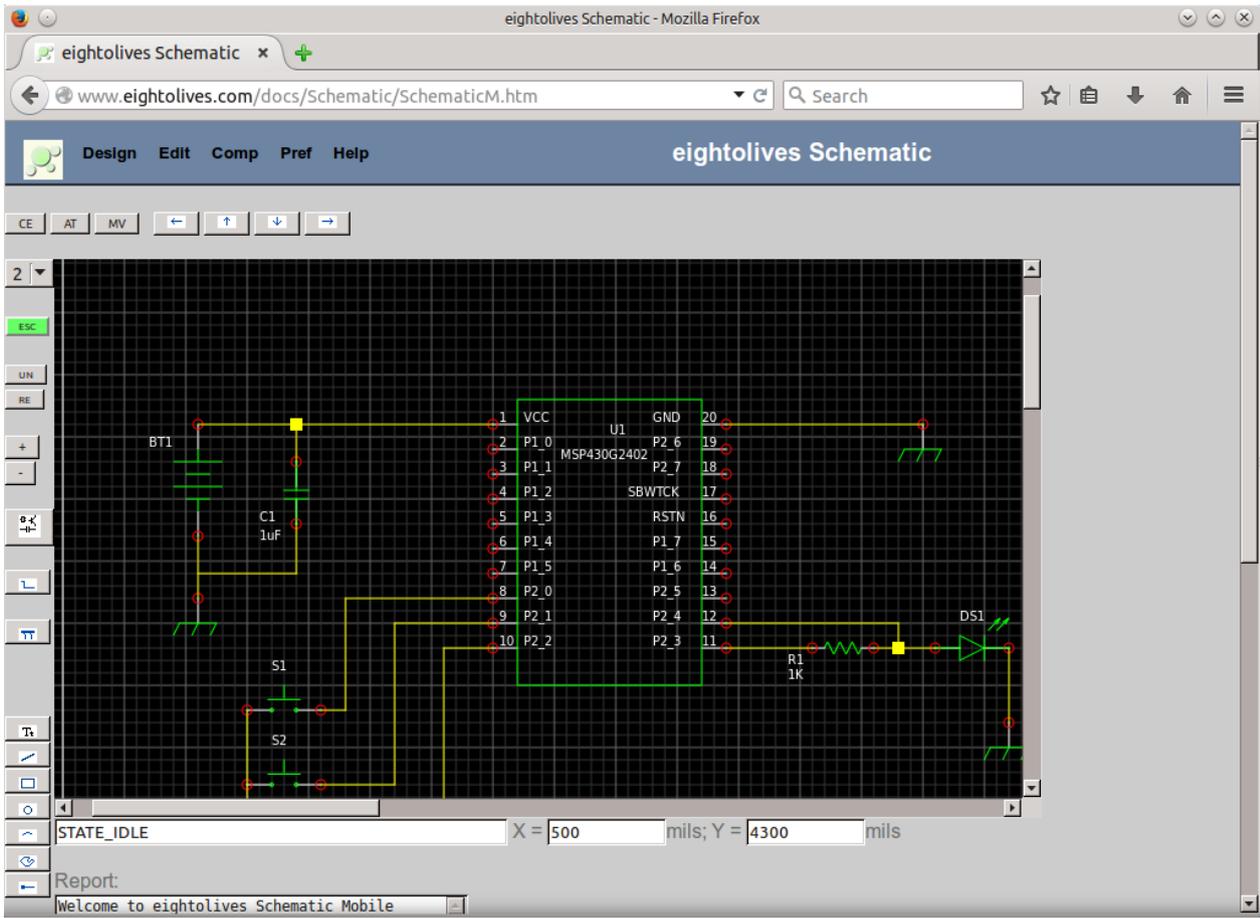


Using Schematic Mobile With Google Drive



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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

File Service Capabilities

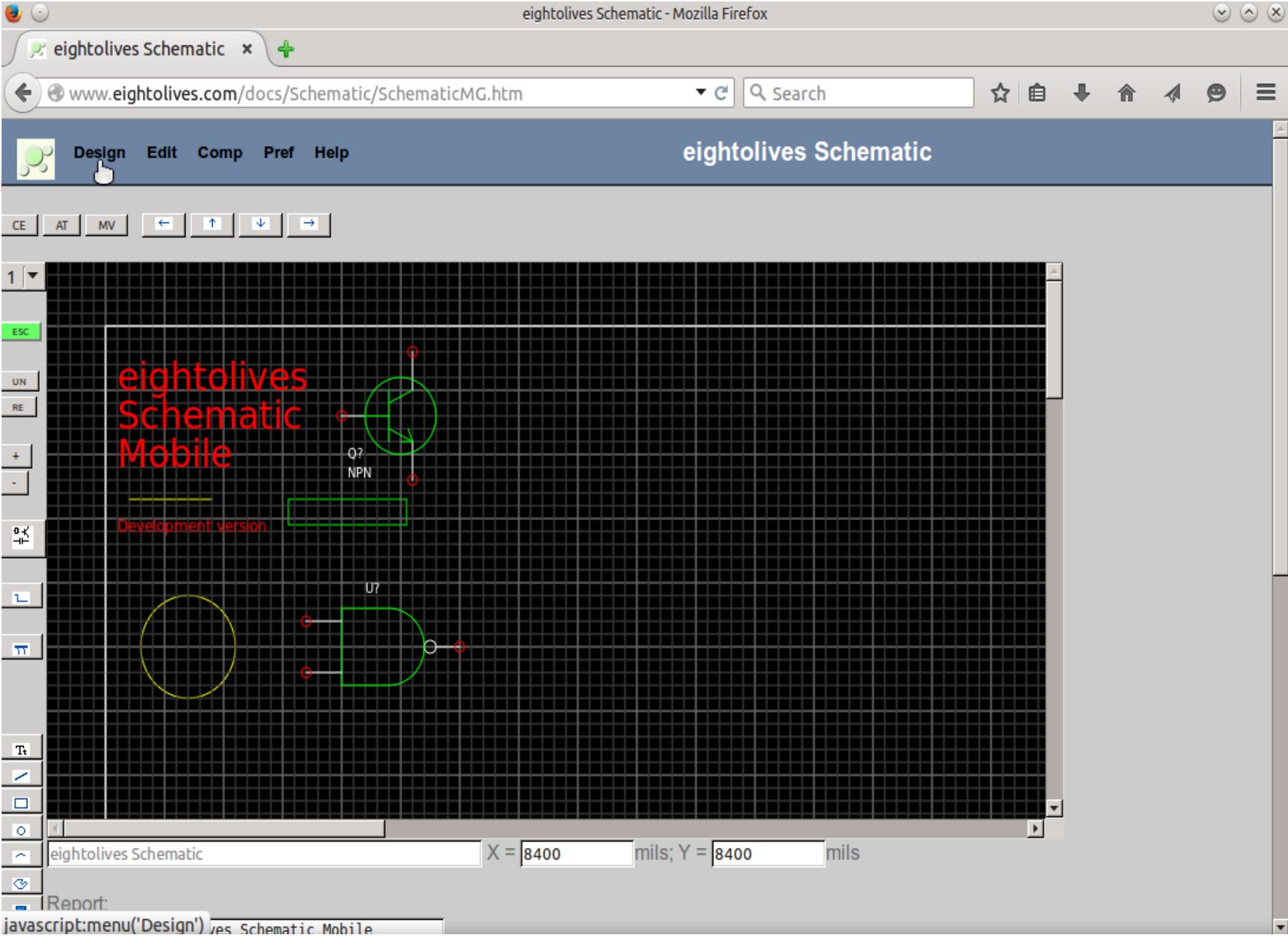
	Local	Server eightolives.com	Ext Server (Microserver)	Drive	FS (File System)
Read Files	Y	Y	Y	Y	Y*
Write Files	Y	N	Y	Y	Y*
Delete Files	Y	N	N	Y	N
Share Files	N	Y**	Y	Y	N

* Manual selection only

** eightolives examples and libraries

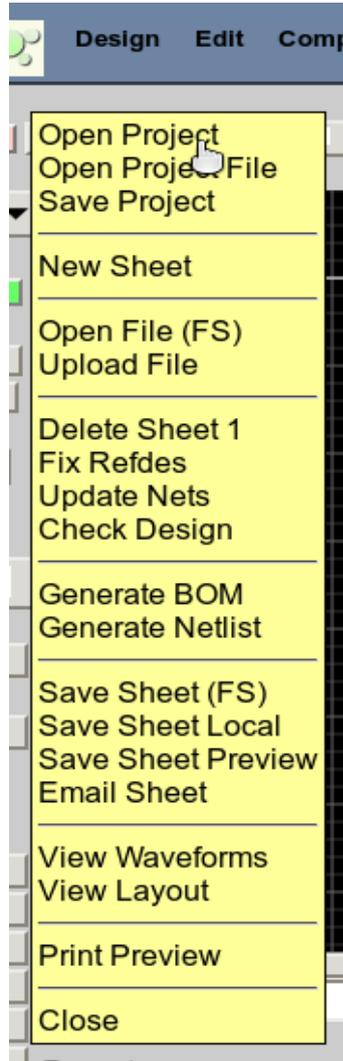
Google Drive Pros and Cons

- 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



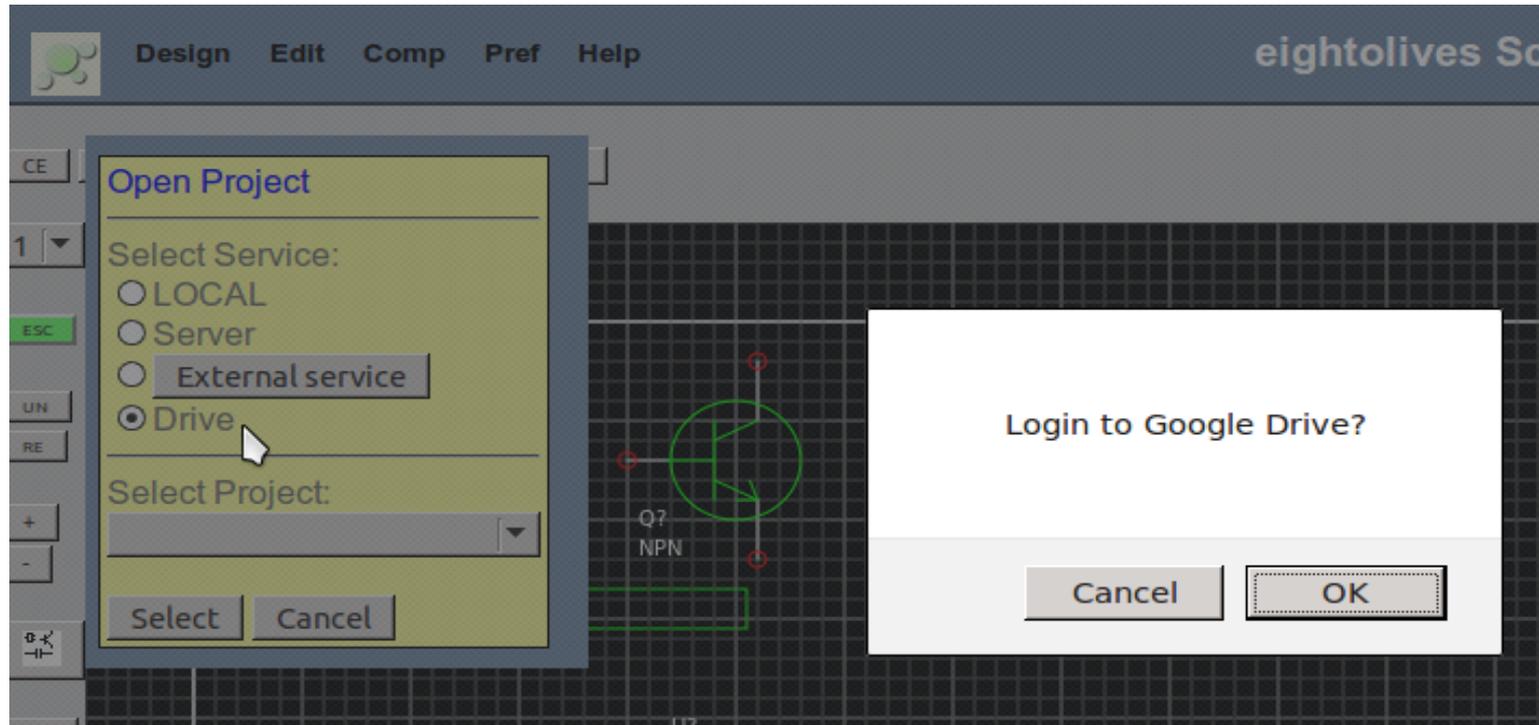
- Menu Bar
- Component Edit
- Attribute Edit
- Move
- Sheet select
- Escape
- Undo
- Redo
- Zoom In
- Zoom Out
- Component Select
- Draw Net
- Draw Bus
- Add Text
- Draw Line
- Draw Box
- Draw Circle
- Draw Arc
- Draw Path
- Add Picture
- Add Pin
- Status Line

Click **Design** in the Menu Bar



- Then click **Open Project**

In the Open Project Popup click **Drive**



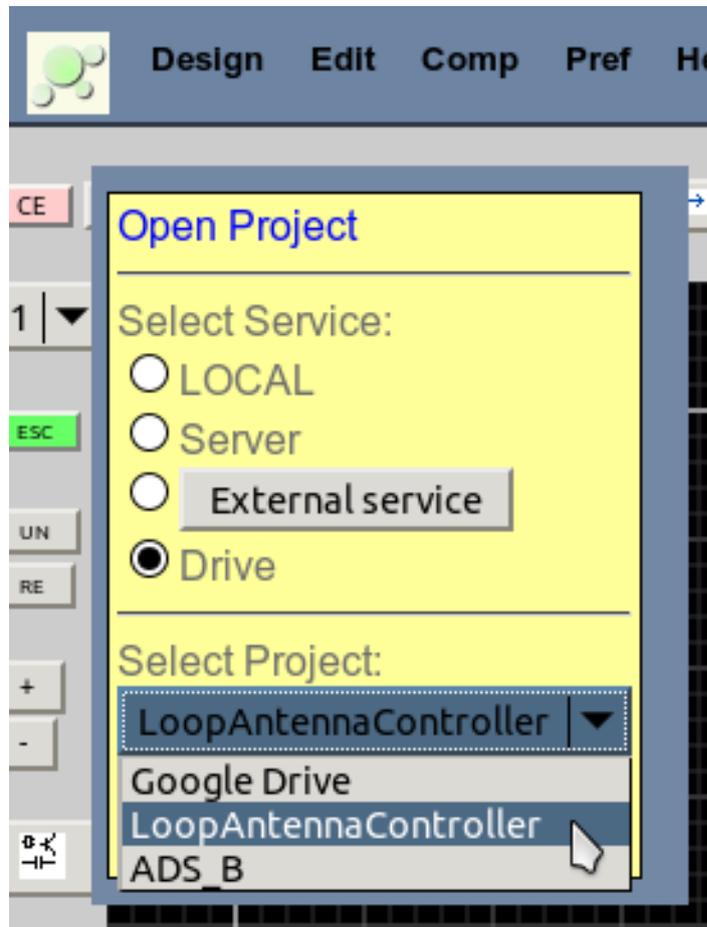
- If you are not logged in to Google Drive, a dialog box asks if you wish to do so.

eightolives.com Sign into your account

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

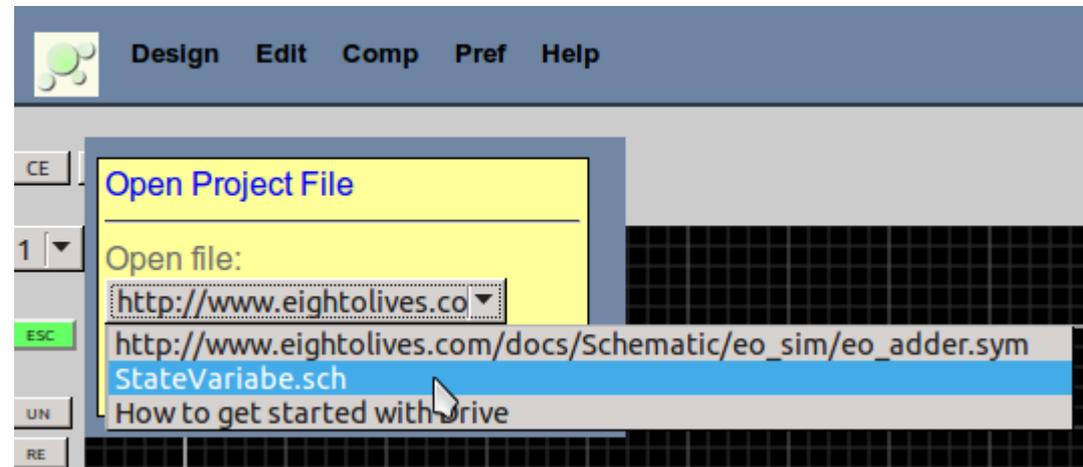
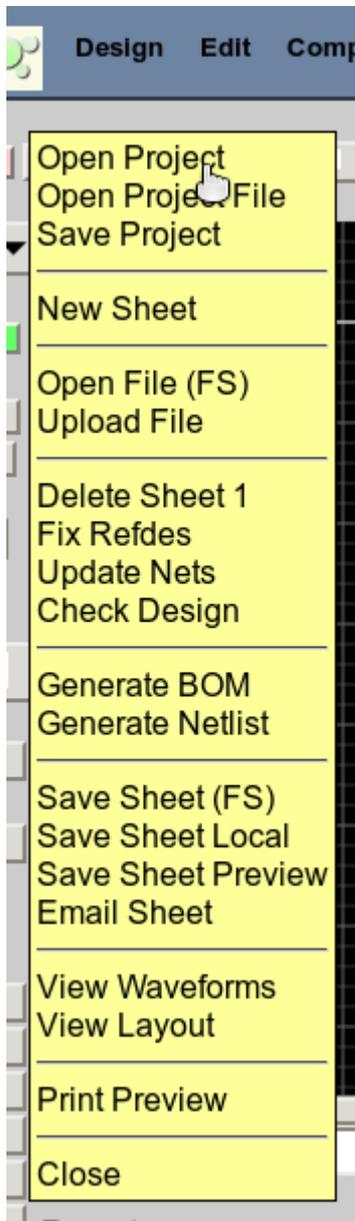
The screenshot displays a Mozilla Firefox browser window with two tabs. The active tab is titled "eightolives Schematic" and shows the URL "www.eightolives.com/docs/Schematic/SchematicMG.htm". The application interface includes a menu bar with "Design", "Edit", "Comp", "Pref", and "Help". A yellow "Open Project" dialog box is open, featuring "Select Service:" options (LOCAL, Server, External service, Drive) and a "Select Project:" dropdown. The background shows a schematic diagram on a grid. A second browser window, titled "Sign in - Google Accounts", is overlaid on top, displaying the Google login page with the URL "https://accounts.google.com/ServiceLogin?service=iso&passive=1209600&continue=https://". The login page includes the Google logo, the text "Sign in with your Google Account", a profile icon, input fields for "Email" and "Password", a blue "Sign in" button, and a "Need help?" link. At the bottom of the login page, it says "One Google Account for everything Google" with icons for various Google services. The browser's address bar and footer are also visible.

Once logged in...

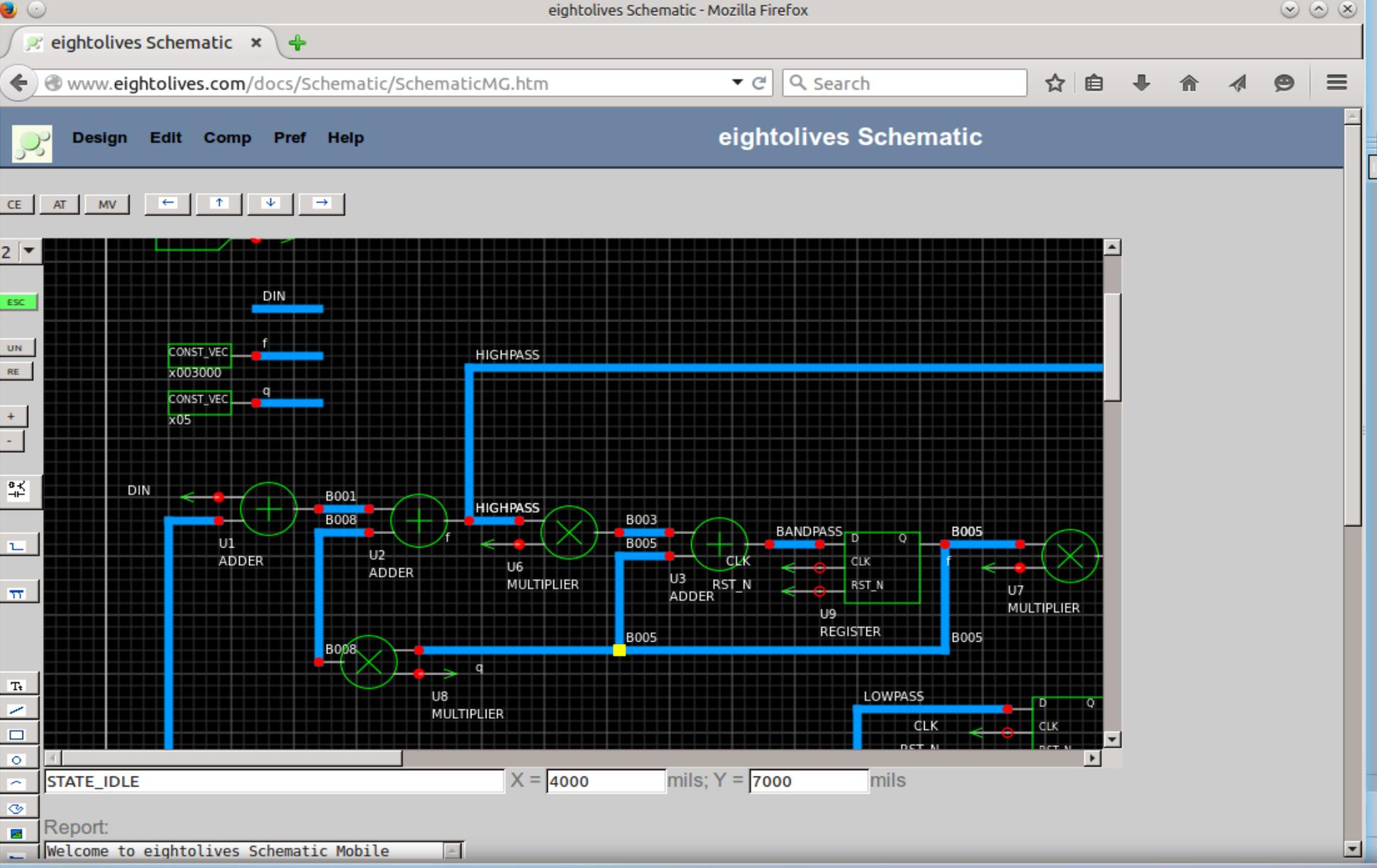


- The Select Project pulldown menu will list “Google Drive” and top level folders (projects)
- “Google Drive” is the root directory
- Other top level folders represent different projects
 - Project folders should be created using the Google Drive App
- Pick one and click **Select**

From the Design Menu select Open Project File



Select your file from the drop-down select box.



Notes:

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

For more information

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