LTspiceXVII Notes for Usage on Mac

By courtesy of Craig Burkhart

Links to Get Started

- Download： https://www.analog.com/en/design-center/design-tools-and-calculators/ltspice-simulator.html
- Shortcuts: https://www.analog.com/media/en/simulation-models/spice-models/LTspiceShortcutsForMacOSX.pdf?modelType=spice-models
- "Getting Started": https://www.analog.com/media/en/simulation-models/spice-models/LTspiceGettingStartedGuide.pdf?modelType=spice-models
- Video with helpful hints: https://www.youtube.com/watch?v=6AA4YBtqhwE

Reminders for Usage

- There is no schematic editor toolbar; instead, right click for "mini-toolbar"
- To rotate: 1st "move" and once selected CTRL-R
- To mirror: 1st "move" and once selected CTRL-E
- To get a dialog for optional component input (e.g. IC's), get "device selection arrow" and then, instead of right-click for value dialog, CTRL-right-click for optional input window (double click to open line for editing)

Alternatively, Run under Windows Emulation (Winebottler) on MAC

- Use same links in "Links to Get Started"
  - Recommended to run LTspiceXVII, but can also run older WinXP version, LTspiceIV
- Link to WineBottler: https://winebottler.kronenberg.org/downloads
- Link to Wine download: https://wiki.winehq.org/MacOS
- "Install" Wine
  - Intro: note XQuartz (ver 2.7.7 or higher) must be installed
  - Destination: install for "all" or "single" user
  - Install type: install optional 64 bit
  - Installation will be under User "home directory" (to access folder with Finder, "Go to Folder", folder name "~")
  - Find hidden folder ".wine/drive_c/Program Files (or x86 for 32-bit)/LTC/LTSpiceXVII"
    - (to toggle on/off hidden folders; press command/shift/period keys simultaneously)
- To run
  - Right-click "XVIIx64.exe" (in above directory), select "Open With", and select "Wine stable"

- Link to running LTspice with Winebottler: https://www.howtogeek.com/263211/how-to-run-windows-programs-on-a-mac-with-wine/
- Another link to running LTspice with Winebottler (with links to both software): https://www.jackenhack.com/use-ltspice-iv-windows-version-mac-os/
- Tested WineBottler 1.86 (stable build) and also tried 2.0 (development version).
  - Neither created the integrated application (suggested by "howtogeek" and "jackenhack"

- "howtogeek" link also describes using Winebottler to execute the Windows .exe directly (just open with Wine). This worked with both LTspiceXVII and LTspiceIV.