



CADSOFT EAGLE VERSION 7

V7.0 - V7.2

V7.3

Main Benefits

Schematic

Hierarchy

- 1) Collaborative work made easier! Helps designers organize boards into large functional blocks. Teams can work in separate blocks of complex design and then seamlessly integrate them
- 2) Furthers the power of Design ReUse Tool. Copy schematics from one block of the board design and paste into another

Board Editor

IDF export

IDF Export ULP allowing for 3D rendering when taken to a mechanical application.

Import ACCEL

Capability to import P-CAD, Altium, Protel Files

Autrouter

Topological Autrouter

- 1) **Highly optimized Algorithm for PreRouter and Top Router** producing boards with significantly less points of transition providing users with more cost effective boards
- 2) **Multi Threaded Autrouter:** Autrouter can now run multiple configurations simultaneously. Therefore, the user will be able to select the best outcome that accommodates design

Library

Enhanced Library Editor

- 1) Enables the user to view the entire selected library in a table of content format
- 2) The user can easily rename and remove devices, packages and symbols directly from the library overview screen
- 3) Additional icon and command to view full library structure with one click

New Library Cross References

- 1) Direct access from the library overview to the cross referenced packages and symbols for devices
- 2) Back-references to devices are also available with one click

Simplified Library View

New and simplified full library context view and easy submenu access available. Descriptions can be viewed and changed directly from context menu

Control Panel

Library Tree

Devices, packages and symbols are now visible in a reorganized structure. The symbols were added and can be previewed

Package Description List

The related symbol keeps showing while scrolling through the list

Documentations Tree

Direct access to Reference Manuals, accessible without leaving EAGLE

Other

64 Bit

- 1) Improved performance on Windows, Linux and Mac and simplified Linux installation
- 2) Keeping up with the trend towards 64bit machines, EAGLE now leverages the improved performance of the 64bit architecture

Extended IDF export option

3D view and STEP File export
**3rd Party Tool license subscription required

Update to the latest UI framework from QT

Faster interface response/Improved compatibility with Windows and Mac