



IRIS Plus 2020.01

Release Notes

1. OVERVIEW

IRIS Plus is a standalone 3D electromagnetic simulation tool for passives and interconnects in RF applications ranging from IC, module, to PCB. Compared to Cadence Virtuoso-integrated IRIS, IRIS Plus supports import with multiple formats and extends the solver capability from IC with micron-scale to PCB with mm-scale while keeping the accuracy and speed offered by the accelerated parallel Method of Moments (MoM) solver.

The Release Notes cover the following releases:

IRIS Plus 2020.01

Release Date: July 24, 2020

The Release Notes present the latest information about IRIS Plus Version in the following sections:

- [SUPPORTED OPERATING SYSTEMS](#)
- [NEW FEATURES AND ENHANCEMENTS IN IRISPLUS 2020.01](#)

2. SUPPORTED OPERATING SYSTEMS

IRIS Plus is available on 64bit Windows. The supported platforms for this release include:

- Windows 7 SP1
- Windows 8.1 KB2999226 or above
- Windows 10

3. NEW FEATURES AND ENHANCEMENTS IN IRISPLUS 2020.01

IRIS Plus 2020.01 provides new features and enhancements as described in the following sections.

- Optimize management of Murata device and add Murata device by filter support.
- Support highlight corresponding Net name when shape is selected.
- Support shortcut key operation: Rotate, Pan, Zoom window, Zoom Rectangle, Isometric View, Top View, Bottom View, Left View, Right View, Front View, Back View.
- Optimize port display sorting according to port type, with the signal port in front of the ground port.
- undo/redo supported in the following features:
 - * delete shape/port/component/device/Net
 - * add port/device

4. LEGAL NOTICE

The source code used in IRIS Plus comprises of both Open Source and proprietary software components.

The Open Source components used in IRIS Plus are:

- Qt 5.13.2

This software uses the Qt library, a multiplatform C++ GUI toolkit from Trolltech. See <http://www.trolltechcom/qt/> for more information.

- Clipper 6.1.3

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- QtXlsx 0.3

This software uses the Qt library, a multiplatform C++ GUI toolkit from Trolltech. See <http://www.trolltechcom/qt/> for more information.

- GCC 4.8.2

cpp (GCC): Copyright (C) 2003 Free Software Foundation, Inc.

- MPFR 2.4.2

MPFR is free. It is distributed under the GNU Lesser General Public License (GNU Lesser GPL), version 3 or later (2.1 or later for MPFR versions until 2.4.x). The library has been registered in France by the Agence de Protection des Programmes under the number IDDN FR 001 120020 00 R P 2000 000 10800, on 15 March 2000. This license guarantees your freedom to share and change MPFR, to make sure MPFR is free for all its users. Unlike the ordinary General Public License, the Lesser GPL enables developers of non-free programs to use MPFR in their programs.

- **MPC 0.8.1**

The library is built upon and follows the same principles as GNU MPFR. It is written by Andreas Enge, Mickaël Gastineau, Philippe Théveny and Paul Zimmermann and is distributed under the GNU Lesser General Public License, either version 3 of the licence, or (at your option) any later version (LGPLv3+). The GNU MPC library has been registered in France by the Agence pour la Protection des Programmes on 2003-02-05 under the number IDDN FR 001 060029 000 R P 2003 000 10000.

- **GMP 4.3.2**

The GMP Announcements mailing list is a read-only list for announcements regarding the GNU Multiple Precision Library (GMP).

- **Boost 1.72**

Boost C++ Libraries <http://www.boost.org> is licensed under the `Boost Software License V1` <http://www.boost.org/users/license.html>

- **CGAL 4.9**

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- **Python 3.7.6**

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- **Klayout 0.25.3**

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- **Inno Setup 6.0.4**

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- **VTK 7.1.1**

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- **Sklearn 0.21**

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