

ADS
2015.01
HF3

Advanced Design System 2015_01 Hotfix Release Notes

Notice

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Windows : nppc.dll, nppi.dll, npps.dll

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Component : NVIDIA Optimizing Compiler Library

Windows : nvvm.dll

MacOs : libnvvm.dylib

Linux : libnvvm.so

Component : NVIDIA Common Device Math Functions Library

Windows : libdevice.compute_20.bc, libdevice.compute_30.bc, libdevice.compute_35.bc

MacOs : libdevice.compute_20.bc, libdevice.compute_30.bc, libdevice.compute_35.bc

Linux : libdevice.compute_20.bc, libdevice.compute_30.bc, libdevice.compute_35.bc

Component : CUDA Occupancy Calculation Header Library

All : cuda_occupancy.h

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ADS 2015.01 HF3 Release Notes

Release: 3 April 2015

Version

430.hf3

Platform Support

- **Supported Platforms:** Windows and Linux only

Issues Addressed

This hotfix addresses various issues related to Circuit Simulation and Platform.

Circuit Simulation

- 97024: Spectre mos2002t is now supported.
 - 106436: (Duplicate) mos2002t model is now added.

Platform

- 106603: (IC Interoperability) Fixed the issue where a wire label moves to a different wire when a component and wire are moved.
 - 111252: (Duplicate) Fixed the issue where moving schematic components and wire labels resulted in incorrect connectivity.
- 110931: (IC Interoperability) SimInfo can now be used for non-spectre views.

ADS 2015.01 HF2 Release Notes

Release: 24 March 2015

Version

430.hf2

Platform Support

- **Supported Platforms:** **Windows and Linux** only

Issues Addressed

This hotfix addresses various issues related to Circuit Simulation and Platform.

Circuit Simulation

- 110306: Fixed DC and Transient convergence issues related to DynaFET and SDD.
- 111178: (Duplicate) Fixed the simulation failure caused by the get_params() function in Modelithics models.
- 106715: Improved S-parameters simulation speed when there are P_Probes in the schematic.

Platform

- 108761: Fixed the advanced Layout license release issue.

ADS 2015.01 HF1 Release Notes

Release: 24 February 2015

Version

430.hf1

Platform Support

- **Supported Platforms:** Windows and Linux only

Issues Addressed

This hotfix addresses various issues related to ADFI, Artwork Translators, Build, Examples, Layout, Momentum, PCB Links, and Platform.

ADFI

- 106734: Provided a layer mapping capability to match layer names and numbers of exported masks with existing PDKs.
- 106735: Improved transfer of arced cline segments to avoid interconnect issues in ADS.
- 106886: Enhanced component generation for Allegro PCB (.brd) designs.
- 106887: Bondwire profiles are imported as EBOND_Shape components in ADS.

Artwork Translation

- 106430: You can now export GDSII files with "Flatten components" option enabled.
- 106625: Fixed the issue of creating components based on <part_name> instead of <pkg_name>.
- 106626: The single quotes (') from the string value are ignored while importing property records.
- 106639: Fixed the flat import issue that does not put the component pin shape on a net, which leads to an overlap zone in net-based connectivity mode with PCE at every pin.
- 107202: While importing DXF file, the difference between arc coordinates in ADS 2015.01 and ADS 2012.08 is resolved
- 107890: DXF Export now includes pads used in the hierarchy.

Build

- 104562: Fixed the OA Region query updates crash.

Layout

- 33998: Split TLin and tap TLin now preserves forced nets.
- 85978: Show Physical Connectivity now works correctly from the navigator.
- 86471: Fixed the Physical Interconnect (connectivity Engine) breaks issue when an IC design is surrounded with a Bounding Area layer border.
- 87480: Fixed Physical Nodal Connectivity highlight in sub-designs.
- 90456: Fixed bad polygons created by smoothing operation of Plane also fixed caption on the plane dialog box to be more clearer.
- 92932: Fixed the Ground Plane Regeneration issue for a particular value.
- 94174: Show physical connectivity now works on bondwires.
- 99413: Fixed the Layout editor crash after a series of deletion of circles [signifying vias].
- 103614: Fixed the handle crash, when an object with a handle is deleted and the handles are used (or hovered over) without regenerating.
- 105998: Changing Corner type in properties docking window now uses the default values of cutoff and radius curves.
- 106620: Exiting from the 'View > Layer by name' dialog box restores the previous layer visibility settings.
- 107016: Fixed the error message using Cookie Cutter "Error adding polygon: Error adding outline as polygon: Too few points to create a polygon".
- 107866: Fixed the slow display update of HSD design with many traces.
- 108084: Via definition now retains even when the via is edited from referring library.
- 108094: Fixed the flattening of interconnects problem.
- 108096: Fixed the self-intersection check option.
- 108183: Implemented the pre-selection and post-selection behavior of "Move using reference" command.
- 108185: Enhanced snap-to-circle-center feature to make the circle center snap work for rectangle.
- 108267: ADS now supports properties with special characters.
- 108354: Fixed the wrong area pin association issue after copy-paste command.
- 108403: Changed the 'Can't add zero area rectangle' error in AEL to a warning.
- 108441: Edge pin can be assigned even if the pin Term name starts with a number.
- 108665: Edits to hierarchical layouts are now displayed in top level design.
- 108822: Fixed the ADS 2014.01 HF6 random crash when manipulating structures in Layout.
- 108832: Fixed the design differences crash.

Momentum

- 102285: Improved delta-gap port modeling by aligning meshes removing the need for a common reference node.
- 106082: Fixed an EM Model parameter sweep issue when the cell has both real-valued and a Substrate parameter.
- 107878: Fixed a segmentation fault issue during edge meshing.

- 107920: Fixed the false warning message 'the pcell parameters are not set properly for the super master design "ads_bondwires:EBOND:layout", when pushing out of subcircuit'.
- 108181: Fixed an issue with the EM Cosimulation view generation of EBOND shapes.
- 108629: Fixed an issue that could cause Momentum to hang during meshing.

PCB Links

- 104499: MentorDA importer now creates port for "send layout" message.
- 105890: ABL import is now capable to control the force flag for net names.
- 108908: MentorDA "send layout" import does not flatten the layout data after EGS import.

Platform

- 106370: Fixed the ADS crash, when number of TrueType fonts exceeds 11.
- 106589: Fixed the Edit Parameter dialog box issue that losses parameter value when editing MeasEqn or Var using the "Name=Value" mode.
- 107053: Fixed the issue of keeping custom tool bar settings for schematic.
- 107297: Visibility of non-editable parameters can now be controlled.

110931	IC Interoperability: Can't use SimInfo for non-spectre views
106603	IC interoperability: wire label jumps to a different wire after a move of components and wire
111252	IC interoperability: Moving of schematic results in wrong connectivity if wire labels are used in schematic....
97024	spectre mos2002t is not supported
106436	mos2002t model missing in ADS 2014.01