

IC-CAP 2016.01

IC-CAP 2016.01 Hotfix Release Notes

Notices

© Keysight Technologies, Inc. 1983-2016

1400 Fountaingrove Pkwy., Santa Rosa, CA 95403-1738, United States

All rights reserved.

No part of this documentation may be reproduced in any form or by any means (including electronic storage and retrieval or translation into a foreign language) without prior agreement and written consent from Keysight Technologies, Inc. as governed by United States and international copyright laws.

Restricted Rights Legend

If software is for use in the performance of a U.S. Government prime contract or subcontract, Software is delivered and licensed as "Commercial computer software" as defined in DFAR 252.227-7014 (June 1995), or as a "commercial item" as defined in FAR 2.101(a) or as "Restricted computer software" as defined in FAR 52.227-19 (June 1987) or any equivalent agency regulation or contract clause.

Use, duplication or disclosure of Software is subject to Keysight Technologies' standard commercial license terms, and non-DOD Departments and Agencies of the U.S. Government will receive no greater than Restricted Rights as defined in FAR 52.227-19(c)(1-2) (June 1987). U.S. Government users will receive no greater than Limited Rights as defined in FAR 52.227-14 (June 1987) or DFAR 252.227-7015 (b)(2) (November 1995), as applicable in any technical data.

Portions of this software are licensed by third parties including open source terms and conditions. For detail information on third party licenses, see [Notice](#).

Contents

IC-CAP 2016.01 Hotfix 1 Release Notes	5
Version	5
Enhancements	5
Issues Addressed	5

IC-CAP 2016.01 Hotfix 1 Release Notes

Release: Sep 02, 2016

Version

711.hf1

Enhancements

- IC-CAP 2016.01 HF1 now ships with the newer 2016.05 EEsof EDA licensing software on windows platform. This version of licensing software resolves various bugs when running the license software on Windows 10. IC-CAP 2016.01 HF1 still uses the same licenses as IC-CAP 2016.01.
- Flicker Noise simulations now supports ELDO simulator.
- Added two new system variables to control the default state of the 'Tuner' column for optimizer parameter tables. By default, this column is set to 'G' for logarithmic scaling. You can set the value of `OPT_PARTABLE_DEFAULT_LIN_TUNER` to 1, T to True, and Yes to set the default standard optimizers to 'L'. The variable only affects transforms within its scope. For plot optimizers, use `PLOT_OPT_PARTABLE_DEFAULT_LIN_TUNER` at either the model level or at the system level (Main > Tools > System Variables). This impacts just the model where defined, or all plot optimizers, respectively. For further documentation, use the System Variables browser and find the variable(s) under 'Optimize Options'.
- Support added to WaferPro for the Cascade Velox software for prober control.
- Support added for MCSMU (Medium Current SMU) in B1500.
- HiSIM_HV 2.3.1 support added to HiSIM Modeling package.

Issues Addressed

- Repaired issue causing plots using the marker designate 'Reverse Triangle'.
- Repaired issue with S Parameter measurements with a PNA-X that does not support receiver leveling.
- Repaired crash in plots that have mismatched data sizes between curve data and other datasets.
- Fixed issue in ELDO simulator with transient simulations with a CON time sweep.
- Fixed simulation issue with HSPICE and ELDO when sweeping variables with parameter sweeps where the variable is referenced from the netlist via `$var()` command.
- Added ability to read actual sourced voltage during a voltage sweep with B1500.

- Fixed issue in HiSim *.va files during Cox vs Vgb simulation.
- Fixed issues around the sequence of zeroing supplies for the B2900.

This information is subject to change
without notice.

www.keysight.com

