

# E9902G/E9903G/E9905G i3070 In-Circuit Test System

Keysight i3070 Software Version 10.30pa

Release Version:	10.30pa
Release Date:	April 2023
Operating System:	Windows 10 Pro (64-bit) Windows 10 Enterprise (64-bit) Windows 11 Pro Windows 11 Enterprise
System Requirements:	i3070 In-Circuit Test System or test development station
Release Type:	Minor update

This software revision should only be installed on i3070 test systems and i3070 test development workstations that have i3070 10.30p software pre-installed. No new licenses are needed.

## Enhancements

- ICT-455 AE: User configurable resend interval and batch size during data transfer.
- ICT-454 AE: Empty log files will be removed automatically.
- ICT-453 AE: Make it mandatory for user to configure certain settings in AE page.
- ICT-389 BT-BASIC: The maximum number of characters allowed between IF and THEN statements is increased to 2048.
- ICT-378 Add prompts for confirmation of fixture lock/unlock for inline system.
- ICT-372 BT-BASIC: Improvement on “log timestamp” command.
- ICT-364 Add new standard subroutines to testmain (External Discharge and Power Down Board).
- ICT-355 Board Grading can be run on inline systems now.
- ICT-354 Coverage Analyst will include Cluster testing to calculate the test coverage.
- ICT-352 When changing values across multiple variants, provide option to compile the changed test sources.
- ICT-350 BTI: Pull-down menu for available user list during login and enlarged display of panel layout.
- ICT-342 DLC: There will be multiple records for the same device in the DLC output file.

## Resolved Issues

- ICT-471 Fixed: Medalist - Editing parameters in table causes row to be deselected.
- ICT-470 Fixed: If there too many poly coordinates on the board outline, it cannot be displayed in Board Consultant.
- ICT-449 Fixed: Compiling board\_xy will fail if there are too many edges on the board outline.
- ICT-457 Fixed: BTI Shorts test: "Changes cannot be saved.", while the error info is not available.
- ICT-451 Fixed: Medalist - Changes not saved when Browser window is open or opened before.
- ICT-447 Fixed: Fixture Consultant disappears after loading board.
- ICT-392 Fixed: Baseline created in 9.20p cannot be recognized in 10.20p and above.
- ICT-390 Fixed: “unpowered” command takes longer time to complete.
- ICT-387 Fixed: BTI crashed during debugging of boundary scan tests.
- ICT-386 Fixed: RestAPI.dll stuck in infinite loop when parsing upsized log files.
- ICT-385 Fixed: Some test data missing after being parsed by RestAPI.dll.

- ICT-367 Fixed: Test coverage for TPA Report is incorrect for part libraries with child devices.
- ICT-366 Fixed: Inline Debug Macro “call Ready To Test Board” is not working.
- ICT-70 Fixed: Inline Panel board orientation display in BTI does not match that in Fixture Consultant.
- ICT-357 Fixed: Marginal T2824 DGN failure on NASRU card.

## Special Note

New firmware (version 23030809\_1) for the ControlXTPB module control card is released together with the i3070 software revision 10.30pa. The firmware files (*XTPB\_SoC\_HPS\_UnMux.img* and *XTPB\_SoC\_HPS\_Mux.img*) can be found under *C:\i3070\_ICT\lib*, after the i3070 10.30pa software is installed.

Note that this update is not dependent upon the i3070 10.30pa software. This firmware update can be done on any i3070 systems with ControlXTPB cards and running software revision 10.00p or later. Follow the ControlXTPB firmware update procedure to apply the update.

This information is subject to change  
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E9901-90049

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