3070-89A

# Modification Recommended Service Note

Supersedes: 3070-89

## Keysight i3070 Series 5 and Series 5i In-Circuit Test System

E9901E and E9901EL - All E9902E - All E9903E - All E9905E and E9905EL - All E9988E and E9988EL - All E9986E - All

**i3070 test system controller encountered intermittent testhead booting error** – i3070 test system controller that uses i3070 09.10p software release may encounter testhead booting issue.

### Parts Required:

P/N Description Qty. NONE

#### ADMINISTRATIVE INFORMATION

ACTION CATEGORY:	[[]] ON SPECIFIED FAILURE [[X]] AGREEABLE TIME	STANDARDS LA	BOR: 0.0 Hours			
LOCATION CATEGORY:	[[X]] CUSTOMER INSTALLABLE [[]] ON-SITE (active On-site contract required) [[]] SERVICE CENTER [[]] CHANNEL PARTNERS	SERVICE: INVENTORY:	[[]] RETURN [[]] SCRAP [[X]] SEE TEXT	USED PARTS:	[[]] RETURN [[]] SCRAP [[X]] SEE TEXT	
AVAILABILITY	: PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL: May 31 2019				
	[[]] Calibration Required [[X]] Calibration NOT Required	PRODUCT LINE: 80 – In Circuit Test AUTHOR: Wee-Sheng, Yong				

ADDITIONAL INFORMATION:



#### Situation:

The i3070 Series 5 test system controller that installed i3070 software 09.10p with Windows 7 Operating System may encounter testhead boot-up issue as shown below.

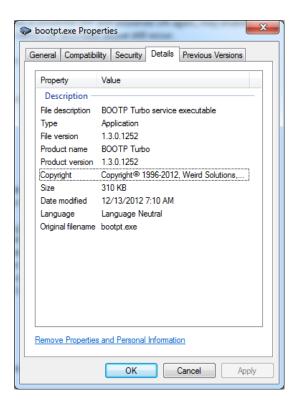
```
S boot 1
COPYRIGHI 1991-2018 Keysight Technologies.
COPYRIGHI 1998-2000 Altera Corporation, Jam STAPL Byte-Code Player Version 2.1
COPYRIGHI 1983-1992 PACIFIC SOFTWORKS, ALL RIGHTS RESERVED
Resetting the System Card
System Card self-test passed
Beginning System Card boot...
System Card successfully booted
Beginning testhead boot
Control ** 2 failed self-test completion handshake
System configuration and actual configuration do not match
Module 2 did not boot but it is defined in the system configuration file
System configuration and actual configuration do not match
Module 3 did not boot but it is defined in the system configuration file
System configuration in the system configuration file
System configuration and actual configuration do not match
Module 3 did not boot but it is defined in the system configuration file
Sathering Revision Info...
Done
Please Wait — Initializing System...
Initialization Done
```

The Bootp Turbo software used in 9.10p is having some conflicts with certain types of PC controller. This could happen to newly shipped systems, or existing systems upgraded from earlier software revision.

#### Solution/Action:

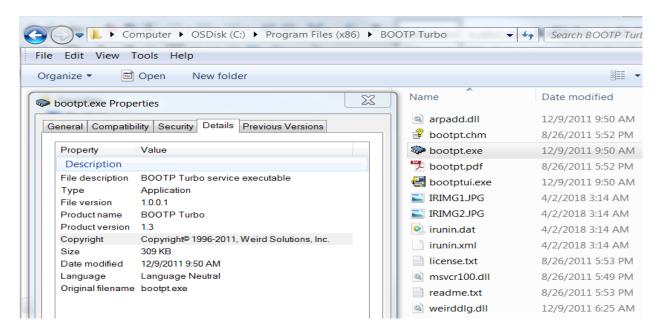
Install a newer version of BOOTP Turbo software could resolved the issue.

The correct Product version is "1.3.0.1252" and the Copyright is "Copyright@1996-2012"



Locate the following file "C:\Program Files (x86)\BOOTP Turbo\bootpt.exe", right click mouse and select the "Properties", then select "Details" tab as shown below:

If the Product version is "1.3" and Copyright is "Copyright@1996-2011", it is recommended to update the BOOTP Turbo software even though the system has not experienced the boot up issue.



#### Download and Install Procedure:

1. Select the "New Bootpt.exe file for i3070" from <a href="www.keysight.com/find/i3070patches">www.keysight.com/find/i3070patches</a>.



- 2. Download the "bootpt\_0830.exe"
- 3. Backup the bootptab file at c:\Windows\system32\drivers\etc.
- 4. Go to "Control Panel -> Programs and Features" to uninstall BOOTP Turbo
- 5. To install newer version, double click on "bootpt 0830.exe".
- 6. Follow the instruction to complete the installation.
- 7. Rename the backup bootptab in earlier step to bootptab in c:\Windows\system32\drivers\etc
- 8. Restart the Controller.

#### **Revision History:**

Date	Service Note Revision	Author	Reason for Change	
10 May 2018	01	Wee-Sheng	As Published	