Date: 04 March 2016

English Language Test Description

MIPR # M9545012MP24797 CDRL F001

for

Unit Under Test

CDA Logic CCA P/N 16104813-011 **from**

Light Armored Vehicle - 25A2 (LAV-25A2)

ATE SYSTEM

AN/USM-657B – Third Echelon Test System (TETS-B) AN/USM-717 – Virtual Instrument Portable Equipment Repair/Test (VIPER/T)

Developed by

U.S. Army RDECOM
Armament, Research, Development and Engineering Center
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ELTD REVISION SUMMARY

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1.0 Reference Documents

1.1 Virtual Instrument Portable Equipment Repair/Test (VIPER/T)

IEEE Std 716-1989 IEEE Standard Common

Abbreviated Test Language

for All Systems

TM TBD-CD VIPER/T IETM (Interactive

Electronic Technical Manual)

System Design Document Doc # 7992008 VIPER/T AN/USM-717

VIPER/T P/N 7992021 VIPER/T CPM (Computer

Programming Manual)

1.2 Third Echelon Test System (TETS-B)

TM 10530A-CD TETS IETM (Interactive

Electronic Technical Manual)

System Design Description Third Echelon Test System

(TETS)

Doc # 93006A0018 AN/USM-657

TETS P/N 93006A0026 TETS CPM (Computer

Programming Manual)

1.3 Unit Under Test

UUT P/N: 16104813-011

UUT Nomenclature: CDA Logic CCA UUT Type: Shop Replaceable Unit (SRU)

DESCRIPTION	<u>NUMBER</u>	<u>REVISION</u>	<u>DATE</u>
Parts List	16101157 7566139	H AK	07-Jan-2003 09-Sep-1998
LRU QA Spec	ES13456	None	None
Circuit Card Assy, CDA Logic CCA	None	None	None
Schematic Diagram, CDA Logic CCA	16104816-001	-	19-Feb-2009

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1.4 Reference Drawings

Refer to the following schematics when diagnosing connection paths.

ID Schematic



(SYSTEM INTERCONN

W1 Schematic



13020A7101 (CABLE, W1, SCHEMATIC).pdf

W2 Schematic



13020A7201 (CABLE, W2, SCHEMATIC).pdf

2.0 English Language Test Description Steps

2.1 COMMON PROCEDURES

The following connections are common throughout the entire test.

2.1.1 UUT POWER

Description:

15V Power is applied to J3-30 (HI) and J2-10 (LO) using DC2.

-15V Power is applied to J3-29 (HI) and J2-10 (LO) using DC6.

28V Power is applied to ID BUS2 (HI) and J3-10 (LO) using DC4.

Connection Path is as follows:

From ID P1-4 (DC2-HI) to ID A1P1.2 From ID A1J1.2 to ID A1J2.23 From ID A1P2.23 to ID P10-22 (S101-1) From ID P10-86 (S101-2) to ID A1P2.15 From ID A1J2.15 to ID J1A-14E to W1 P3-30 (UUT J3-30) From W1 P1A-14E to ID A1J10.14 From ID A1J2.15 From ID A1P10.14 to ID P11-140 (S301-161)

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		P11-206 (S301-162) A1J10.16			A1P10.16 J1A-13E
_		P1A-13E			P2-10 (UUT J2-10)
From v	NΙ	PIA-13E	LO	WТ	PZ-10 (UU1 UZ-10)
From]	ID	P1-16 (DC6-HI)	to	ID	A1P1.15
From]	ID	A1J1.15	to	ID	A1J2.20
From 1	ID	A1P2.20	to	ID	P10-25 (S101-13)
From 1	ID	P10-89 (S101-14)	to	ID	A1P2.33
From 1	ID	A1J2.33	to	ID	J1A-14D
From V	W1	P1A-14D	to	W1	P3-29 (UUT J3-29)
From]	ID	P1-10 (DC4-HI)	to	ID	A1P1.3
From 1	ID	A1J1.3	to	ID	A1J8.2
From]	ID	A1P8.2	to	ID	P10-141 (S301-70)
From 1	ID	P10-44 (S301-69)	to	ID	A1P8.31
From]	ID	A1J8.31	to	ID	BUS 2

2.1.2 APPLY IC

Description:

Connect J2-32 to DC 4 HI Connect BUS8 to INSTR-GND

Connection Path is as follows:

From	W1 P2-32 (UUT J2-32)	to W1 P1B-6B
From	ID J1B-6B	to ID A1J12.11
From	ID A1P12.11	to ID P12-22 (S201-37)
From	ID P12-20 (S201-3)	to ID A1P12.46
From	ID A1J12.46	to ID A1J10.2
${\tt From}$	ID A1P10.2	to ID P11-39 (S507-1)
${\tt From}$	ID P11-72 (S507-4)	to ID A1P9.27
From	ID A1J9.27	to ID BUS 2
From	CT-RTN	to ID A1J6.9
From	ID A1P6.9	to ID P10-94 (S402-1)
${\tt From}$	ID P10-253 (S402-5)	to ID A1P6.22
From	ID A1J6.22	to ID BUS 8
From	INSTR-RTN	to ID A1J6.11
${\tt From}$	ID A1P6.11	to ID P10-166(S301-26
${\tt From}$	ID P10-102 (S30-25)	to ID A1P7.34
From	ID A1J7.34	to GROUND

2.2 INTERFACE ID

Refer to <u>1.4 Reference Drawings</u> when diagnosing connection paths.

Open 13020A0001 (SYSTEM INTERCONNECT).pdf in section 1.4 during review of the following steps.

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Step 1

Description:

This step verifies the correct ID is installed. The DMM is used to measure the resistance across ID resistors R111 (324 ohms) and R109 (698 ohms). The DMM should measure between 971 and 1073 Ohms.

Connection Path is as follows:

From ID BUS 5 From ID A1P8.47 From ID P10-7 (S301-47) From ID A1J7.23 From ID A1P4.15 From ID R111.2 From ID A1J4.9	to ID A1J8.47 to ID P10-73 (S301-48) to ID A1P7.23 to ID A1J4.15 to ID R111.1 to ID A1P4.9 to +28V
From ID BUS 6 From ID A1P8.48 From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16 From ID R109.2 From ID A1J4.9	to ID A1J8.48 to ID P10-171 (S301-50) to ID A1P7.24 to ID A1J4.16 to ID R109.1 to ID A1P4.9 to +28V
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-137 (S503-7) From ID A1J6.47	to ID A1J8.28 to ID P10-203 (S503-1)
From ID A1J15.50 From ID A1P8.26	to ID A1P15.50 to ID A1J8.26 to ID P10-139 (S503-2) to ID A1P6.38 to ID BUS 6

2.3 UUT ID

Step 2

Description:

This verifies the correct UUT is installed onto the ITA. The DMM is used to measure the resistance from UUT J2.40 to UUT J3.18. The DMM should measure between 9K and 11 Kohms.

Connection Path is as follows:

From W	N1 P2-40 (UUT J2-40)	to W1 P1A-1F
From I	ID J1A-1F	to ID A1J14.11
From I	ID A1P14.11	to ID P13-51 (S201-28)

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From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-77 (S508-3) From ID A1J9.15	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.15 to ID BUS 1
From ID A1J15.49	to ID A1P15.49 to ID A1J8.28
From ID A1P8.28 From ID P10-77 (S503-3)	to ID P10-203 (S503-1) to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From W1 P3-18 (UUT J3-18)	
From ID J1B-12E	to ID A1J13.14
From ID AlP13.14	to ID P12-37 (S701-14)
From ID P12-44 (S701-2)	to ID AlP12.48
From ID AlJ12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-195 (S506-4)	to ID A1P9.33
From ID AlJ9.33	to ID BUS 2
	to ID A1P15.50
From ID A1J15.50	to ID A1J8.26
From ID A1P8.26	to ID P10-139 (S503-2)
From ID P10-12 (S503-4)	to ID A1P6.23
From ID A1J6.23	to ID BUS 2

2.4 SAFE TO TURN ON (STTO)

Refer to 1.4 Reference Drawings when diagnosing connection paths.

Step 3

Description:

This verifies the continuity or isolation of two UUT pins. The DMM is used to measure the resistance from UUT J3.30 to UUT GND. The DMM should measure greater than 5 Kohms.

Connection Path is as follows:

From ID	P20-2 (DMM-HI)	to	ID	A1P15.49
From ID	A1J15.49	to	ID	A1J7.42
From ID	A1P7.24	to	ID	P10-34 (S301-2)
From ID	P10-65 (S301-1)	to	ID	A1P7.3
From ID	A1J7.3	to	ID	A1J2.15
From ID	A1P2.15	to	ID	P10-86 (S101-2)
From ID	P10-22 (S101-1)	to	ID	A1P2.23
${\tt From\ ID}$	A1J2.23	to	ID	A1J1.2
From ID	A1P1.2	to	ID	P1-4 (DC2-HI J3-30)
From ID	P20-3 (DMM-LO)	to	ID	A1P15.50
From ID	A1J15.50	to	ID	A1J7.38
From ID	A1P7.38	to	ID	P10-130 (S301-23)

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From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND

Step 4

Description:

This verifies the continuity or isolation of two UUT pins. The DMM is used to measure the resistance from UUT J3.29 to UUT GND. The DMM should measure greater than 1 Mohm.

Connection Path is as follows:

From ID A1J1.15 (DC2-HI J3-29) From ID A1P2.20 From ID P10-89 (S101-14)	to ID A1J2.20 to ID P10-25 (S101-13) to ID A1P2.33
From ID A1J2.33	to ID A1J7.5
From ID A1P7.5	to ID P10-97 (S301-9)
From ID P10-2 (S301-10)	to ID A1P7.48
From ID A1J7.48	to ID A1J15.49
From ID A1P15.49	to ID P20-2 (DMM-HI
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 5

Description:

This verifies the continuity or isolation of two UUT pins. The DMM is used to measure the resistance from UUT J2.32 to UUT GND. The DMM should measure greater than 10 Kohms.

Connection Path is as follows:

From V	W1	P2-32 (UUT J2-32)	to	W1	P1B-6B
From I	ID	J1B-6B	to	ID	A1J12.11
From I	ID	A1P12.11	to	ID	P12-22 (S201-37)
From I	ID	P12-20 (S201-3)	to	ID	A1P12.46
From I	ID	A1J12.46	to	ID	A1J10.2
From I	ID	A1P10.2	to	ID	P11-39 (S507-1)
From I	ID	P11-168 (S507-3)	to	ID	A1P9.17
From I	ID	A1J9.17	to	ID	BUS 1
From I	ID	P20-2 (DMM-HI)	to	ID	A1P15.49
From I	ID	A1J15.49	to	ID	A1J8.28
From I	ID	A1P8.28	to	ID	P10-203 (S503-1)
From I	ID	P10-77 (S503-3)	to	ID	A1P6.13
From I	ID	A1J6.13	to	ID	BUS 1
From I	ID	P20-3 (DMM-LO)	to	ID	A1P15.50
From I	ID	A1J15.50	to	ID	A1J7.38

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From ID A1P7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND
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2.5 MODULE 1: Discrete Outputs

This module verifies the proper operation of the CDA Logic CCA's Discrete Outputs.

Refer to 1.4 Reference Drawings when diagnosing connection paths.

Step 101

Description:

This step applies 15.0 Vdc to pin J3.30, and -15.0 Vdc to pin J3.29 with respect to J3.10. 28.0 Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. The output measured at pin J4.31 should be between 27.0 and 28.5 Vdc with respect to ground.

Step 102

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. The output measured at pin J1.10 should be between 14.5 and 15.5Vdc with respect to ground.

```
From W2 P2-10 (UUT J1-10) to W2 P1B-9A from ID J2B-9A to ID A1J13.27
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From ID A1P13.27	to ID P12-70 (S701-22)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 103

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. The output measured at pin J3.29 should be between -14.5 and -15.5Vdc with respect to ground.

Connection Path is as follows:

From ID AlJ1.15 (DC2-HI J3-29)	to ID A1J2.20
From ID A1P2.20	to ID P10-25 (S101-13)
From ID P10-89 (S101-14)	to ID A1P2.33
From ID A1J2.33	to ID A1J7.5
From ID A1P7.5	to ID P10-97 (S301-9)
From ID P10-2 (S301-10)	to ID A1P7.48
From ID A1J7.48	to ID A1J15.49
From ID A1P15.49	to ID P20-2 (DMM-HI
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 104

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. The output measured at pin J2.41 should be greater than 13.0Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From W1 P2-41 (UUT J2-41) to W1 P1B-10E From ID J1B-10E to ID A1J13.20 from ID A1P13.20 to ID P12-9 (S701-36)

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From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6 From ID A1P8.36 From ID P10-15 (S301-74) From ID A1J8.3 From ID R2.2	to ID A1J8.36 to ID P10-14 (S301-73) to ID A1P8.3 to ID R2.1 to GROUND
From W1 P2-41 (UUT J2-41) From ID J1B-10E From ID A1P13.20	to W1 P1B-10E to ID A1J13.20 to ID P12-9 (S701-36)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 105

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. The output measured at pin J3.17 should be greater than 26.0Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

See "APPLY IC"

From W1	P3-17 (UUT J3-17)	to	W1	P1B-13F
From ID	J1B-13F	to	ID	A1J13.12
From ID	A1P13.12	to	ID	P12-5 (S701-12)
From ID	P12-44 (S701-2)	to	ID	A1P12.48
From ID	A1J12.48	to	ID	A1J10.1
From ID	A1P10.1	to	ID	P11-162 (S506-2)
From ID	P11-164 (S506-3)	to	ID	A1P9.23

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From ID AlJ9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 106

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.39 to ground. The output measured at pin J2.41 should be greater than 13.0Vdc with respect to ground.

From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1J10.8 to ID P11-139 (S508-2)
From W1 P2-41 (UUT J2-41) From ID J1B-10E From ID A1P13.20	to W1 P1B-10E to ID A1J13.20 to ID P12-9 (S701-36)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1J10.1 to ID P11-162 (S506-2)
From ID BUS 6 From ID A1P8.36 From ID P10-15 (S301-74) From ID A1J8.3 From ID R2.2	to ID A1J8.36 to ID P10-14 (S301-73) to ID A1P8.3 to ID R2.1 to GROUND
From W1 P2-41 (UUT J2-41) From ID J1B-10E	to W1 P1B-10E to ID A1J13.20

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From ID A1P13.20	to ID P12-9 (S701-36)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 107

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.39 to ground. The output measured at pin J3.17 should be less than 0.5Vdc with respect to ground.

From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P3-17 (UUT J3-17) From ID J1B-13F From ID A1P13.12	to W1 P1B-13F to ID A1J13.12 to ID P12-5 (S701-12)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49	to ID A1P15.49 to ID A1J8.28

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From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 108

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pin J2.4. Short pin J2.39 to ground. The output measured at pin J2.41 should be less than 0.5Vdc with respect to ground.

From W1 P2-4 (UUT J2-4) From ID J1B-13A From ID A1P13.2	to W1 P1B-13A to ID A1J13.2 to ID P12-47 (S201-6)
From ID P12-52 (S201-4)	to ID A1P12.44
From ID A1J12.44	to ID A1J10.4
From ID A1P10.4	to ID P11-71 (S507-2)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID AlP14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID AlJ12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID AlJ9.2	to ID BUS 8
From W1 P2-41 (UUT J2-41)	
From ID J1B-10E	to ID A1J13.20
From ID AlP13.20	to ID P12-9 (S701-36)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID AlJ9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.36
From ID A1P8.36	to ID P10-14 (S301-73)

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From ID P10-15 (S301-74) From ID A1J8.3 From ID R2.2	to ID A1P8.3 to ID R2.1 to GROUND
From W1 P2-41 (UUT J2-41) From ID J1B-10E From ID A1P13.20	to W1 P1B-10E to ID A1J13.20 to ID P12-9 (S701-36)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 109

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.39 to ground. The output measured at pin J2.41 should be greater than 13.0Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P2-41 (UUT J2-41) From ID J1B-10E From ID A1P13.20	to W1 P1B-10E to ID A1J13.20 to ID P12-9 (S701-36)

From ID P12-44 (S701-2) to ID A1P12.48

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From ID A1J12.48 From ID A1P10.1 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.30 to ID BUS 6
From ID BUS 6 From ID A1P8.36 From ID P10-15 (S301-74) From ID A1J8.3 From ID R2.2	to ID A1J8.36 to ID P10-14 (S301-73) to ID A1P8.3 to ID R2.1 to GROUND
From W1 P2-41 (UUT J2-41) From ID J1B-10E From ID A1P13.20	to W1 P1B-10E to ID A1J13.20 to ID P12-9 (S701-36)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1J10.1 to ID P11-162 (S506-2)
From ID A1J15.49 From ID A1P8.28	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 110

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.39 to ground. The output measured at pin J3.18 should be greater than 26.0Vdc with respect to ground.

to W1 P1A-1E
to ID A1J14.9
to ID P13-17 (S201-26)
to ID A1P12.40
to ID A1J10.8
to ID P11-139 (S508-2)
to ID A1P9.2
to ID BUS 8

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From W1 P3-18 (UUT J3-18) From ID J1B-12E From ID A1P13.14	to W1 P1B-12E to ID A1J13.14 to ID P12-37 (S701-14)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3)	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 111

Description:

This step applies 15.0 Vdc to pin J3.30, and -15.0 Vdc to pin J3.29 with respect to J3.10. 28.0 Vdc is applied to pins J2.32 and J1.70 with respect to J2.11 J2.39 and J2.40 to ground. The output measured at pin J2.41 should be less than 0.5 Vdc with respect to ground.

From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P2-41 (UUT J2-41) From ID J1B-10E From ID A1P13.20 From ID P12-44 (S701-2)	to W1 P1B-10E to ID A1J13.20 to ID P12-9 (S701-36)
From ID AlJ12.48	to ID AlJ10.1

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From ID A1P10.1 From ID P11-129 (S506-8) From ID A1J9.30	to ID P11-162 (S506-2) to ID A1P9.30 to ID BUS 6
From ID BUS 6 From ID A1P8.36 From ID P10-15 (S301-74) From ID A1J8.3 From ID R2.2	to ID A1J8.36 to ID P10-14 (S301-73) to ID A1P8.3 to ID R2.1 to GROUND
From W1 P2-41 (UUT J2-41) From ID J1B-10E From ID A1P13.20	to W1 P1B-10E to ID A1J13.20 to ID P12-9 (S701-36)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 112

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.39 and J2.40 to ground. The output measured at pin J3.18 should be less than 0.5Vdc with respect to ground.

From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8

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From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P3-18 (UUT J3-18) From ID J1B-12E From ID A1P13.14	to W1 P1B-12E to ID A1J13.14 to ID P12-37 (S701-14)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 113

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.39, J2.40 and J3.22 to ground. The output measured at pin J2.41 should be less than 0.5Vdc with respect to ground.

From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10)	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2

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From ID A1J9.2	to ID BUS 8
From W1 P2-41 (UUT J2-41) From ID J1B-10E From ID A1P13.20	to W1 P1B-10E to ID A1J13.20 to ID P12-9 (S701-36)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.30 to ID BUS 6
From ID BUS 6 From ID A1P8.36 From ID P10-15 (S301-74) From ID A1J8.3 From ID R2.2	to ID A1J8.36 to ID P10-14 (S301-73) to ID A1P8.3 to ID R2.1 to GROUND
From W1 P2-41 (UUT J2-41) From ID J1B-10E From ID A1P13.20	to W1 P1B-10E to ID A1J13.20 to ID P12-9 (S701-36)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 114

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.40 to ground. The output measured at pin J2.41 should be greater than 13.0Vdc with respect to ground.

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Connection Path is as follows:
See "UUT Power"
See "APPLY IC"
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From W1 P2-40 (UUT J2-40) to W1 P1A-1F

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From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1910.8	
	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	
From ID AlJ9.2	to ID BUS 8
From W1 P2-41 (UUT J2-41)	to W1 P1B-10E
From ID J1B-10E	to ID A1J13.20
From ID A1P13.20	to ID P12-9 (S701-36)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1012.48 From ID A1P10.1	
	to ID P11-162 (S506-2)
From ID P11-129 (S506-8)	
From ID A1J9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.36
From ID A1P8.36	to ID P10-14 (S301-73)
From ID P10-15 (S301-74)	to ID A1P8.3
From ID AlJ8.3	to ID R2.1
From ID R2.2	to GROUND
From W1 P2-41 (UUT J2-41)	to W1 D1B-10F
From ID J1B-10E	to ID A1J13.20
From ID AlP13.20	to ID P12-9 (S701-36)
FION ID AIPI3.20	to 1D P12-9 (5/01-30)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID AlJ9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID AlJ15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	
	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID AlJ7.36	to GROUND

Step 115

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.40 and J3.22 to ground. The output measured at pin J2.41 should be greater than 13.0Vdc with

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respect to ground.

Connection Path is as follows: See "UUT Power"

From	W1	P3-22 (UUT J3-22)	to	W1	P1A-3E
From	ID	J1A-3E	to	ID	A1J14.13

From ID AlP14.13 to ID P13-19 (S201-34)

From W1 P2-40 (UUT J2-40) to W1 P1A-1F from ID J1A-1F to ID A1J14.1 to ID A1J14.11

From ID A1P14.11 to ID P13-51 (S201-28)

From ID P12-80 (S201-2) to ID A1P12.40 From ID A1J12.40 to ID A1J1U.8

From ID A1P10.8 to ID P11-139 (S508-2)

From ID P11-205 (S508-10) to ID A1P9.2

to ID BUS 8

From W1 P2-41 (UUT J2-41) to W1 P1B-10E From ID J1B-10E to ID A1J13.20 From ID A1P13.20 to ID P12-9 (S701-36)

From ID P12-44 (S701-2) to ID A1P12.48
From ID A1J12.48 to ID A1J10.1
From ID A1P10.1 to ID P11-162 (S506-2)
From ID P11-129 (S506-8) to ID A1P9.30
From ID A1J9.30 to ID BUS 6 From ID A1J9.30 to ID BUS 6

From ID BUS 6 to ID A1J8.36 From ID A1P8.36 to ID P10-14 (S301-73) From ID P10-15 (S301-74) to ID A1P8.3 From ID A1J8.3 to ID R2.1

to GROUND From ID R2.2

From W1 P2-41 (UUT J2-41) to W1 P1B-10E from ID J1B-10E to ID A1J13.20 from ID A1P13.20 to ID P12-9 (S701-36)

From ID P12-44 (S701-2) to ID A1P12.48
From ID A1J12.48 to ID A1J10.1
From ID A1P10.1 to ID P11-162 (S506-2)
From ID P11-164 (S506-3) to ID A1P9.23
From ID A1J9.23 to ID BUS 1

to ID BUS 1 From ID AlJ9.23

From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

to ID BUS 1 From ID AlJ6.13

From ID P20-3 (DMM-LO) to ID A1P15.50 From ID A1J15.50 to ID A1J7.38 From ID A1P7.38 to ID P10-130

From ID A1P7.38 to ID P10-130 (S301-23)

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From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND

Step 116

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.40 and J3.22 to ground. 28.0Vdc is applied to J2.5. The output measured at pin J2.41 should be less than 0.5Vdc with respect to ground.

From W1 P2-5 (UUT J2-5)	to W1 P1B-14A
From ID J1B-14A	to ID AlJ13.1
From ID A1P13.1	to ID P12-79 (S201-5)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID AlJ12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P2-41 (UUT J2-41)	
From ID J1B-10E	to ID A1J13.20
From ID A1P13.20	to ID P12-9 (S701-36)
TD D10 44 (GE01 0)	
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.36
From ID A1P8.36	to ID P10-14 (S301-73)
From ID P10-15 (S301-74)	to ID A1P8.3
From ID A1J8.3	to ID R2.1
From ID R2.2	to GROUND
110 10 10.0	CO GIGGIAD

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From W1 P2-41 (UUT J2-41) From ID J1B-10E From ID A1P13.20	to W1 P1B-10E to ID A1J13.20 to ID P12-9 (S701-36)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID AlJ9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 117

Description:

Connection Path is as follows:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.40 to ground. The output measured at pin J2.41 should be greater than 13.0Vdc with respect to ground.

See "UUT Power" See "APPLY IC"	
From W1 P2-40 (UUT J2-40) From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P2-41 (UUT J2-41)	to W1 P1B-10E
From ID J1B-10E	to ID A1J13.20
From ID A1P13.20	to ID P12-9 (S701-36)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID AlJ12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6

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From ID BUS 6 From ID A1P8.36 From ID P10-15 (S301-74) From ID A1J8.3 From ID R2.2	to ID A1J8.36 to ID P10-14 (S301-73) to ID A1P8.3 to ID R2.1 to GROUND
From W1 P2-41 (UUT J2-41)	to W1 P1B-10E
From ID J1B-10E	to ID A1J13.20
From ID A1P13.20	to ID P12-9 (S701-36)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 118

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.40 and J3.22 to ground. The output measured at pin J2.41 should be greater than 13.0Vdc with respect to ground.

From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID AlP14.11	to ID P13-51 (S201-28)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID AlJ9.2	to ID BUS 8

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From W1 P2-41 (UUT J2-41)	to W1 P1B-10E
From ID J1B-10E	to ID A1J13.20
From ID A1P13.20	to ID P12-9 (S701-36)
From ID P12-44 (S701-2)	+o TD 71D12 40
From ID A1J12.48	to ID AlJ10.1
From ID A1P10.1	to ID P11-162 (S506-2)
,	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.36
From ID A1P8.36	to ID P10-14 (S301-73)
From ID P10-15 (S301-74)	to ID A1P8.3
From ID A1J8.3	to ID R2.1
From ID R2.2	to GROUND
From W1 P2-41 (UUT J2-41)	to W1 P1B-10E
From ID J1B-10E	to ID A1J13.20
From ID A1P13.20	to ID P12-9 (S701-36)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID AlJ10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
FIOM ID A107.23	CO 1D BOS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID AlJ15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1013.30 From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	
From ID A1J7.36	to GROUND
LION ID AIO 1.30	CO GROOND

Step 119

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.40 and J3.22 to ground. Apply 28.0Vdc to J3.16. The output measured at pin J2.41 should be greater than 13.0Vdc with respect to ground.

From W1 P3-16 (UUT	J3-16) to	W1	P1B-6C
From ID J1B-6C	to	ID	A1J12.12
From ID A1P12.12	to	ID	P12-53 (S201-39)

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From ID A	A1J12.46 A1P10.2 P11-72 (S507-4)	to to to	ID ID ID	A1P12.46 A1J10.2 P11-39 (S507-1) A1P9.27 BUS 2
From W1 F From ID J From ID A		to	ID	P1A-3E A1J14.13 P13-19 (S201-34)
From W1 F From ID J From ID A	J1A-1F	to	ID	P1A-1F A1J14.11 P13-51 (S201-28)
From ID A	A1J12.40 A1P10.8 P11-205 (S508-10)	to to to	ID ID ID	A1P12.40 A1J10.8 P11-139 (S508-2) A1P9.2 BUS 8
From W1 F From ID J From ID A	J1B-10E	to	ID	P1B-10E A1J13.20 P12-9 (S701-36)
From ID A	A1J12.48 A1P10.1 P11-129 (S506-8)	to to to	ID ID ID	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.30 BUS 6
From ID E From ID E From ID E From ID E	A1P8.36 P10-15 (S301-74) A1J8.3	to to to	ID ID ID	A1J8.36 P10-14 (S301-73) A1P8.3 R2.1 DUND
From W1 F From ID J From ID A	J1B-10E	to	ID	P1B-10E A1J13.20 P12-9 (S701-36)
From ID A	A1J12.48 A1P10.1 P11-164 (S506-3)	to to to	ID ID ID	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1
From ID A	A1J15.49 A1P8.28 P10-77 (S503-3)	to to to	ID ID ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
From ID F	220-3 (DMM-LO) A1J15.50			A1P15.50 A1J7.38

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From ID AlP7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID Alp7.36 to CPOIND

Step 120

Description:

This test was added to aid in the diagnostics should a failure occur at the J1 7 output.

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pin J1.42. The output measured at pin TP.5 should be greater than 13.0Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From W2 P2-42 (UUT J1-42) to W2 P1A-1C From ID J2A-1C to ID A1J14.34 From ID A1P14.34 to ID P13-58 (S202-17) From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 to ID BUS 2 From ID AlJ9.31 to ID BUS 2 From W2 P4-A13 (UUT J4-25) to W2 P1B-2D to ID A1J10.13 from ID A1P10.13 to ID P11-158 (S405-2) From ID P11-94 (S405-1) to ID A1P9.47 to ID BUS 3 to ID BUS 3 From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-10 (S503-5) to ID A1P6.31
From ID A1T6.31 From ID A1J6.31 to ID BUS 3 From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 121

Description:

From ID A1J7.36

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.46, J2.40, J3.22, and J2.39 to ground. 28.0Vdc is applied to pin J2.29, J2.9 (See note

to ID P10-130 (S301-23)

to GROUND

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below), J1.42, J2.8, and J2.47. The output measured at pin J1.7 should be less than 0.5Vdc with respect to ground.

Note: 28.0Vdc is applied to J2.9 for 10ms, and then it is returned to the OPENED condition.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From W1 P2-29 (UUT J2-29) to W1 P1A-1C from ID J1A-1C to ID A1J14.5 from ID A1P14.5 to ID P13-49 (S201-17)

From ID P12-20 (S201-3) to ID A1P12.46

From ID P12-20 (5201).

From ID A1J12.46 to ID A1J10.2

From ID A1P10.2 to ID P11-39 (S507-1)

From ID P11-72 (S507-4) to ID A1P9.27

TD A1.T9.27 to ID BUS 2

From W1 P2-9 (UUT J2-9) to W1 P1A-1A From ID J1A-1A to ID A1J14.1 From ID A1P14.1 to ID P13-47 (S201-9)

From ID P12-20 (S201-3) to ID A1P12.46
From ID A1J12.46 to ID A1J10.2
From ID A1P10.2 to ID P11-39 (S507-1)
From ID P11-72 (S507-4) to ID A1P9.27
From ID A1J9.27 to ID BUS 2

From W2 P2-42 (UUT J1-42) to W2 P1A-1C From WZ PZ-72 (002)
From ID J2A-1C to ID A1017.0.

T1D14 34 to ID P13-58 (S202-17)

From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 to ID BUS 2

From ID AlJ9.31 to ID BUS 2

From W1 P2-8 (UUT J2-8) to W1 P1A-5E from ID J1A-5E to ID A1J14.17 from ID A1P14.17

to ID P13-87 (S202-10)

From ID P13-29 (S202-4) to ID A1P14.50
From ID A1J14.50 to ID A1J10.50
From ID A1P10.50 to ID P11-244 (S510-2)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 to ID BUS 2

From W1 P2-46 (UUT J2-46) to W1 P1B-7B From ID J1B-7B to ID A1J12.8 from ID A1P12.8 to ID P12-50 (S201-30)

From ID P12-80 (S201-2) to ID A1P12.40

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From	ID	A1J12.40	to	ID	A1J10.8
		A1P10.8			P11-139 (S508-2)
					A1P9.2
		AlJ9.2			BUS 8
FIOIII	ΙD	A10 9 . 2	LU	ΙD	BUS 6
Exam	TAT 1	D2 47 (IIII T2 47)	+ 0	TAT 1	P1A-3F
		P2-47 (UUT J2-47)			
_		J1A-3F			A1J14.14
From	ΤD	A1P14.14	to	TD	P13-18 (S201-35)
П	TD	D12 20 (G201 2)		TD	71710 46
		P12-20 (S201-3)			A1P12.46
		A1J12.46			A1J10.2
_		A1P10.2			P11-39 (S507-1)
		, ,			A1P9.27
From	ID	A1J9.27	to	ID	BUS 2
_		-0.40 (0.40)			-1- 1-
		P2-40 (UUT J2-40)			P1A-1F
		J1A-1F			A1J14.11
From	ID	A1P14.11	to	ID	P13-51 (S201-28)
_		-2 00 (2 00)			-1- 0-
		•			P1A-3E
		J1A-3E			A1J14.13
From	ID	A1P14.13	to	ID	P13-19 (S201-34)
_		-0.00 (0.00)			-1- 1-
		•			P1A-1E
		J1A-1E			A1J14.9
From	ID	A1P14.9	to	ID	P13-17 (S201-26)
П	T-T ()	DO 7 /IIII T1 7\		T-7 O	D1D 03
		P2-7 (UUT J1-7)			P1B-8A
		J2B-8A			A1J13.25
From	TD	A1P13.25	to	TD	P12-39 (S701-20)
From	TD	P12-44 (S701-2)	t o	TD	A1P12.48
		A1J12.48			A1J10.1
		A1P10.1			
					P11-162 (S506-2)
		P11-164 (S506-3)			A1P9.23
From	TD	A1J9.23	to	TD	BUS 1
Exam	TD	D20 2 (DMM III)	+ 0	TD	A1P15.49
		P20-2 (DMM-HI) A1J15.49			A1J8.28
		A1P8.28			P10-203 (S503-1)
		P10-77 (S503-3)			A1P6.13
From	ID	A1J6.13	to	ID	BUS 1
Erom	TD	P20-3 (DMM-LO)	+ ~	TD	A1P15.50
		A1J15.50			A1J7.38
		A1P7.38			P10-130 (S301-23)
		P10-229 (S301-24)			A1P7.36
F'rom	TD	A1J7.36	to	GR(DUND

Step 122

Description:

This step applies 15.0 Vdc to pin J3.30, and -15.0 Vdc to pin J3.29 with respect to J3.10. 28.0 Vdc is applied to pins J2.32 and

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J1.70 with respect to J2.11. Short pins J2.46, J2.40, J3.22, and J2.39 to ground. 28.0Vdc is applied to pin J2.29, J2.9 (See note below), J1.42, J2.8, and J2.47. Momentarily lift J2.16 from ground and connect to J2.10. The output measured at pin J1.7 should be greater than 13.0Vdc with respect to ground.

Note: 28.0Vdc is applied to J2.9 for 10ms, and then it is returned to the OPENED condition.

From ID A1P11.9 From ID P11-233 (S301-153)	to ID A1J11.9 to ID P11-43 (S301-154)
From ID A1P11.9 From ID P11-233 (S301-153)	to ID A1J11.9 to ID P11-43 (S301-154)
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID A1J12.46 From ID A1P10.2	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W2 P2-42 (UUT J1-42) From ID J2A-1C From ID A1P14.34	to W2 P1A-1C to ID A1J14.34 to ID P13-58 (S202-17)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P2-8 (UUT J2-8) From ID J1A-5E From ID A1P14.17	to W1 P1A-5E to ID A1J14.17 to ID P13-87 (S202-10)
From ID P13-29 (S202-4) From ID A1J14.50 From ID A1P10.50 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.50 to ID A1J10.50 to ID P11-244 (S510-2) to ID A1P9.31 to ID BUS 2
From W1 P2-46 (UUT J2-46)	to W1 P1B-7B

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	D J1B-7B		D A1J12.8
From I	D A1P12.8	to I	ID P12-50 (S201-30)
From I	D P12-80 (S201-2)	to I	D A1P12.40
		to I	D A1J10.8
From T	D A1P10.8		ID P11-139 (S508-2)
	D P11-205 (S508-10)		
	D A1J9.2		ID BUS 8
110111 1	.5 11109.2		.5 505 0
	71 P2-47 (UUT J2-47)		71 P1A-3F
	D J1A-3F		D A1J14.14
From I	D A1P14.14	to I	D P13-18 (S201-35)
From I	D P12-20 (S201-3)	to I	D A1P12.46
From I	D A1J12.46	to I	D A1J10.2
From I	D A1P10.2	to I	D P11-39 (S507-1)
From I	D P11-72 (S507-4)		D A1P9.27
	D A1J9.27		D BUS 2
Exam W	11 D2 40 /IIII T2 40\	+ ~ ~	יו גות וז
	I1 P2-40 (UUT J2-40)		71 P1A-1F ED A1J14.11
	D J1A-1F		
From 1	D A1P14.11	to 1	ID P13-51 (S201-28)
From W	11 P3-22 (UUT J3-22)	to W	71 P1A-3E
From I	D J1A-3E	to I	D A1J14.13
From I	D A1P14.13	to I	ID P13-19 (S201-34)
From W	/1 P2-39 (UUT J2-39)	to W	// P1A-1E
	D J1A-1E	to I	D A1J14.9
From I	D A1P14.9		D P13-17 (S201-26)
	12 P2-7 (UUT J1-7)		12 P1B-8A
	D J2B-8A		D A1J13.25
From I	D A1P13.25	to I	ID P12-39 (S701-20)
From I	D P12-44 (S701-2)	to I	D A1P12.48
From I	D A1J12.48	to I	D A1J10.1
From I	D A1P10.1	to I	D P11-162 (S506-2)
From I	D P11-164 (S506-3)		D A1P9.23
	D A1J9.23	to I	D BUS 1
Erom ™	D P20-2 (DMM-HI)	t ^ T	ID A1P15.49
	D A1J15.49		D A1J8.28
	D A1915.49		
	D P10-77 (S503-3)		ID P10-203 (S503-1) ID A1P6.13
rrom 1	D A1J6.13	LO I	D BUS 1
	D P20-3 (DMM-LO)		D A1P15.50
	D A1J15.50		D A1J7.38
	D A1P7.38		D P10-130 (S301-23)
	D P10-229 (S301-24)	to I	D A1P7.36
From I	D A1J7.36	to G	ROUND

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Step 123

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.46, J2.40, J3.22, and J2.39 to ground. 28.0Vdc is applied to pin J2.29, J2.9 (See note below), J1.42, and J2.8. The output measured at pin J1.7 should be less than 0.5Vdc with respect to ground.

Note: 28.0 Vdc is applied to J2.9 for 10 ms, and then it is returned to the OPENED condition.

From ID	P2-29 (UUT J2-29) J1A-1C A1P14.5	to	ID	P1A-1C A1J14.5 P13-49 (S201-17)
From ID From ID From ID		to to to	ID ID ID	A1P12.46 A1J10.2 P11-39 (S507-1) A1P9.27 BUS 2
From ID	P2-42 (UUT J1-42) J2A-1C A1P14.34	to	ID	P1A-1C A1J14.34 P13-58 (S202-17)
From ID From ID From ID	P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31	to to to	ID ID ID	A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2
From ID	P2-8 (UUT J2-8) J1A-5E A1P14.17	to	ID	P1A-5E A1J14.17 P13-87 (S202-10)
From ID From ID From ID		to to to	ID ID ID	A1P14.50 A1J10.50 P11-244 (S510-2) A1P9.31 BUS 2
From ID	P2-46 (UUT J2-46) J1B-7B A1P12.8	to	ID	P1B-7B A1J12.8 P12-50 (S201-30)
From ID From ID	P12-80 (S201-2) A1J12.40 A1P10.8 P11-205 (S508-10) A1J9.2	to to to	ID ID ID	A1P12.40 A1J10.8 P11-139 (S508-2) A1P9.2 BUS 8

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From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From W2 P2-7 (UUT J1-7) From ID J2B-8A From ID A1P13.25	to W2 P1B-8A to ID A1J13.25 to ID P12-39 (S701-20)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 124

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.46, J2.40, J3.22, and J2.39 to ground. 28.0Vdc is applied to pin J2.29, J1.41, and J2.13. Momentarily lift J2.16 from ground and connect to J2.10. The output measured at pin J1.7 should be greater than 13.0Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power"

See "APPLY IC"

From W1 P2-29 (UUT J2-29) to W1 P1A-1C

From ID J1A-1C to ID A1J14.5

From ID A1P14.5 to ID P13-49 (S201-17)

From ID P12-20 (S201-3) to ID A1P12.46

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From ID AlJ12.46 to ID AlJ10.2	
From ID A1P10.2 to ID P11-39 (S507-	-1)
From ID P11-72 (S507-4) to ID A1P9.27	•
From ID AlJ9.27 to ID BUS 2	
From W2 P2-41 (UUT J1-41) to W2 P1B-12D	
From ID J2B-12D to ID A1J12.33	
From ID A1P12.33 to ID P12-26 (S202-	-15)
From ID P13-93 (S202-3) to ID A1P14.49	
From ID AlJ14.49 to ID AlJ10.48	
From ID A1P10.48 to ID P11-52 (S510-	-1)
From ID P11-147 (S510-4) to ID A1P9.31	
From ID A1J9.31 to ID BUS 2	
From W1 P2-13 (UUT J2-13) to W1 P1B-14B	
From ID J1B-14B to ID A1J13.3	
From ID A1P13.3 to ID P12-46 (S201-	- 7)
From W1 P2-46 (UUT J2-46) to W1 P1B-7B	
From ID J1B-7B to ID A1J12.8	
From ID A1P12.8 to ID P12-50 (S201-	-30)
FIGHT ID AIF12.0 CO ID F12 30 (B201	30)
From ID P12-80 (S201-2) to ID A1P12.40	
From ID A1J12.40 to ID A1J10.8	
From ID A1P10.8 to ID P11-139 (S508	8-2)
From ID P11-205 (S508-10) to ID A1P9.2	,
From ID AlJ9.2 to ID BUS 8	
From W1 P2-40 (UUT J2-40) to W1 P1A-1F	
From ID J1A-1F to ID A1J14.11	
From ID A1P14.11 to ID P13-51 (S201-	-28)
D 171 D2 00 /177M T2 00\ +- 171 D17 2D	
From W1 P3-22 (UUT J3-22) to W1 P1A-3E	
From ID J1A-3E to ID A1J14.13	24\
From ID A1P14.13 to ID P13-19 (S201-	-34)
From W1 P2-39 (UUT J2-39) to W1 P1A-1E	
From ID J1A-1E to ID A1J14.9	
From ID A1P14.9 to ID P13-17 (S201-	-26)
	_ 0
From W1 P2-16 (UUT J2-16) to W1 P1A-12D	
From ID J1A-12D to ID A1J11.9	
From ID A1P11.9 to ID P11-43 (S301-	-154)
From ID P11-233 (S301-153) to ID A1P11.11	
From ID AlJ11.11 to ID AlJ2.15 (DC2-	-HI J3-30)
From W2 P2-7 (UUT J1-7) to W2 P1B-8A	
From ID J2B-8A to ID A1J13.25	
From ID A1P13.25 to ID P12-39 (S701-	-20)
Error ID D10 44 (C701 0) +- ID 31D10 40	
From ID P12-44 (S701-2) to ID A1712.48	
From ID AlJ12.48 to ID AlJ10.1	5 2)
From ID A1P10.1 to ID P11-162 (S506	0-2)

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From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 125

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.46, J2.40, J3.22, and J2.39 to ground. 28.0Vdc is applied to pin J2.29, J1.41, and J2.13. The output measured at pin J1.7 should be less than 0.5Vdc with respect to ground.

From W1 P2-8 (UUT J2-8) From ID J1A-5E From ID A1P14.17	to W1 P1A-5E to ID A1J14.17 to ID P13-87 (S202-10)
From ID P13-29 (S202-4) From ID A1J14.50 From ID A1P10.50 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.50 to ID A1J10.50 to ID P11-244 (S510-2) to ID A1P9.31 to ID BUS 2
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W2 P2-41 (UUT J1-41) From ID J2B-12D From ID A1P12.33	to ID A1J12.33 to ID P12-26 (S202-15)
From ID P13-93 (S202-3) From ID A1J14.49	to ID A1P14.49 to ID A1J10.48

From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P2-13 (UUT J2-13) From ID J1B-14B From ID A1P13.3	to W1 P1B-14B to ID A1J13.3 to ID P12-46 (S201-7)
From W1 P2-46 (UUT J2-46) From ID J1B-7B From ID A1P12.8	to W1 P1B-7B to ID A1J12.8 to ID P12-50 (S201-30)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From W2 P2-7 (UUT J1-7) From ID J2B-8A From ID A1P13.25	to W2 P1B-8A to ID A1J13.25 to ID P12-39 (S701-20)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

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Step 126

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.12, J2.40, J3.22, and J2.39 to ground. 28.0Vdc is applied to pin J2.29, J1.42, and J2.47. Momentarily lift J2.16 from ground and connect to J2.10. The output measured at pin J1.7 should be greater than 13.0Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC" From W1 P2-29 (UUT J2-29) to W1 P1A-1C From ID J1A-1C to ID A1J14.5 From ID A1P14.5 to ID P13-49 (S201-17) From ID P12-20 (S201-3) to ID A1P12.46
From ID A1J12.46 to ID A1J10.2
From ID A1P10.2 to ID P11-39 (S507-1)
From ID P11-72 (S507-4) to ID A1P9.27
From ID A1J9.27 From ID A1J9.27 to ID BUS 2 From W2 P2-42 (UUT J1-42) to W2 P1A-1C to ID A1J14.34 from ID A1P14.34 to ID P13-58 (S202-17) From ID P13-93 (S202-3) to ID A1P14.49 From ID A1J14.49 to ID A1J1U.40

From ID A1P10.48 to ID P11-52 (S510-1)

From ID P11-147 (S510-4) to ID A1P9.31

to ID BUS 2 From W1 P2-47 (UUT J2-47) to W1 P1A-3F From ID J1A-3F to ID A1J14.14 to ID P13-18 (S201-35) From W1 P2-12 (UUT J2-12) to W1 P1B-8A from ID J1B-8A to ID A1J12.4 from ID A1P12.4 From ID A1P12.4 to ID P12-18 (S201-22) From ID P12-80 (S201-2) to ID A1P12.40 from ID A1J12.40 to ID A1J10.8 from ID A1P10.8 to ID P11-139 (S508-2) from ID P11-205 (S508-10) to ID A1P9.2 From ID A1J9.2 to ID BUS 8 From W1 P2-40 (UUT J2-40) to W1 P1A-1F
From ID J1A-1F to ID A1J14.11
From ID A1P14.11 to ID P13-51 (S to ID P13-51 (S201-28) From W1 P3-22 (UUT J3-22) to W1 P1A-3E

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From ID J1A-3E	to ID AlJ14.13
From ID A1P14.13	to ID P13-19 (S201-34)
From W1 P2-39 (UUT J2-39)	
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
D	L . 111 D12 10D
From W1 P2-16 (UUT J2-16)	
	to ID A1J11.9
	to ID P11-43 (S301-154)
From ID P11-233 (S301-153)	
From ID A1J11.11	to ID A1J2.15 (DC2-HI J3-30)
From W2 P2-7 (UUT J1-7)	to W2 P1B-8A
From ID J2B-8A	to ID AlJ13.25
From ID A1P13.25	to ID P12-39 (S701-20)
FION ID AIPI3.25	CO 1D P12-39 (S/01-20)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID AlJ12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	
From ID AlJ9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 127

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.12, J2.40, J3.22, and J2.39 to ground. 28.0Vdc is applied to pin J2.29, J1.42, J2.47, and J2.9. The output measured at pin J1.7 should be less than 0.5Vdc with respect to ground.

From W1 P2-9 (UUT J2-9) From ID J1A-1A From ID A1P14.1	to W1 P1A-1A to ID A1J14.1 to ID P13-47 (S201-9)
From ID P12-20 (S201-3) From ID AlJ12.46	to ID A1P12.46 to ID A1J10.2

From ID	A1P10.2	to	ID	P11-39 (S507-1)
From ID	P11-72 (S507-4)	to	ID	A1P9.27
From ID	A1J9.27	to	ID	BUS 2
From W1	P2-29 (UUT J2-29)	to	W1	P1A-1C
From ID	J1A-1C	to	ID	A1J14.5
From ID	A1P14.5	to	ID	P13-49 (S201-17)
From ID	P12-20 (S201-3)	to	ID	A1P12.46
From ID	A1J12.46	to	ID	A1J10.2
From ID	A1P10.2	to	ID	P11-39 (S507-1)
From ID	P11-72 (S507-4)	to	ID	A1P9.27
From ID	A1J9.27	to	ID	BUS 2
	P2-42 (UUT J1-42)			P1A-1C
_	J2A-1C			A1J14.34
From ID	A1P14.34	to	ID	P13-58 (S202-17)
Exam ID	P13-93 (S202-3)	+ 0	TD	A1P14.49
	A1J14.49			A1J10.48
	A1014.49 A1P10.48			P11-52 (S510-1)
	P11-147 (S510-4)			A1P9.31
	A1J9.31			BUS 2
TIOM ID	A107.31		ΙD	D0D Z
From W1	P2-47 (UUT J2-47)	to	W1	P1A-3F
	J1A-3F	to	ID	A1J14.14
From ID	A1P14.14	to	ID	P13-18 (S201-35)
From W1	P2-12 (UUT J2-12)	to	W1	P1B-8A
From ID	J1B-8A	to	ID	A1J12.4
From ID	A1P12.4	to	ID	P12-18 (S201-22)
	-10 00 (-001 0)			-1-10 10
	P12-80 (S201-2)			A1P12.40
	A1J12.40			A1J10.8
	A1P10.8			P11-139 (S508-2)
	P11-205 (S508-10)			A1P9.2
From ID	A1J9.2	to	TD	BUS 8
Fr∩m W1	P2-40 (UUT J2-40)	tο	W 1	P1A-1F
	J1A-1F			A1J14.11
	A1P14.11			P13-51 (S201-28)
110111 11	7111 11:11	00	דד	113 31 (8201 20)
From W1	P3-22 (UUT J3-22)	to	W1	P1A-3E
From ID	J1A-3E	to	ID	A1J14.13
From ID	A1P14.13	to	ID	P13-19 (S201-34)
	P2-39 (UUT J2-39)			P1A-1E
	J1A-1E			A1J14.9
From ID	A1P14.9	to	ID	P13-17 (S201-26)
	DO 7 (IIII 71 7)		T-7.0	D1D 03
	P2-7 (UUT J1-7)			P1B-8A
) J2B-8A			A1J13.25
From ID	A1P13.25	CO	ΤŊ	P12-39 (S701-20)

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From ID P12-44 (S701-2) to ID A1P12.48
From ID A1J12.48 to ID A1J10.1
From ID A1P10.1 to ID P11-162 (S506-2)
From ID P11-164 (S506-3) to ID A1P9.23
From ID A1J9.23 to ID BUS 1

From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 128

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.40, J3.22 and J2.39 to ground. 28.0Vdc is applied to pin J2.29, J1.42, and J2.13. The output measured at pin J1.7 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From W1 P2-29 (UUT J2-29)
From ID J1A-1C
From ID AlP14.5

From ID P12-20 (S201-3)
From ID AlJ12.46
From ID AlP10.2
From ID P11-72 (S507-4)
From ID AlJ9.27

From ID J2A-1C
From ID AlP14.34

From ID P13-93 (S202-3)
From ID AlJ14.49
From ID AlJ10.48
From ID AlJ9.31

From W1 P2-13 (UUT J2-13)
From ID J1B-14B
From ID J1B-14B

to ID AlJ13.3

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From ID A1P13.3	to ID P12-46 (S201-7)
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From W2 P2-7 (UUT J1-7) From ID J2B-8A From ID A1P13.25	to W2 P1B-8A to ID A1J13.25 to ID P12-39 (S701-20)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 129

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.40, J3.22 and J2.39 to ground. 28.0Vdc is applied to pin J2.29, J1.42, and J2.13. Momentarily lift J2.16 from ground and connect to J2.10. The output measured at pin J1.7 should be greater than 13.0Vdc with respect to ground.

From ID J2B-8A

From ID A1P13.25

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Connection Path is as follows: See "UUT Power"

See "UUT Power"	
From W1 P2-16 (UUT J2-16) From ID J1A-12D From ID A1P11.9 From ID P11-233 (S301-153) From ID A1J11.11	to ID A1J11.9 to ID P11-43 (S301-154)
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W2 P2-42 (UUT J1-42) From ID J2A-1C From ID A1P14.34	to W2 P1A-1C to ID A1J14.34 to ID P13-58 (S202-17)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P2-13 (UUT J2-13) From ID J1B-14B From ID A1P13.3	to W1 P1B-14B to ID A1J13.3 to ID P12-46 (S201-7)
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From W2 P2-7 (UUT J1-7) From ID J2B-8A	to W2 P1B-8A to ID A1J13.25

to ID A1J13.25

to ID P12-39 (S701-20)

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From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 130

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.40, J3.22, and J2.39 to ground. 28.0Vdc is applied to pin J2.29, J1.42, J2.13 and J2.17. The output measured at pin J1.7 should be greater than 13.0Vdc with respect to ground.

From W1 P2-17 (UUT J2-17) From ID J1A-2B From ID A1P14.4	to W1 P1A-2B to ID A1J14.4 to ID P13-48 (S201-12)
From ID P12-52 (S201-4) From ID A1J12.44 From ID A1P10.4 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.44 to ID A1J10.4 to ID P11-71 (S507-2) to ID A1P9.27 to ID BUS 2
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W2 P2-42 (UUT J1-42) From ID J2A-1C From ID A1P14.34	to W2 P1A-1C to ID A1J14.34 to ID P13-58 (S202-17)

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		· · · · · · · · · · · · · · · · · · ·			A1P14.49
From	ID				A1J10.48
					P11-52 (S510-1)
From	ID	P11-147 (S510-4)	to	ID	A1P9.31
From	ID	A1J9.31	to	ID	BUS 2
		-0.10 (0.10)			-1- 14-
		P2-13 (UUT J2-13)			
					A1J13.3
From	ID	A1P13.3	to	ID	P12-46 (S201-7)
From	W1	P2-40 (UUT J2-40)	to	W1	P1A-1F
From	ID	J1A-1F	to	ID	A1J14.11
From	ID	A1P14.11	to	ID	P13-51 (S201-28)
_		-10 00 (-200			-1-10 10
		,			A1P12.40
					A1J10.8
					P11-139 (S508-2)
					A1P9.2
From	ID	A1J9.2	to	ID	BUS 8
From	พ1	P3-22 (UUT J3-22)	t.o	w1	P1A-3E
		J1A-3E			A1J14.13
From	ID	A1P14.13			P13-19 (S201-34)
					(
From	W1	P2-39 (UUT J2-39)	to	W1	P1A-1E
From	ID	J1A-1E	to	ID	A1J14.9
From	ID	A1P14.9	to	ID	P13-17 (S201-26)
From	W2	P2-7 (UUT J1-7)	to	W2	P1B-8A
		J2B-8A			A1J13.25
_		A1P13.25			P12-39 (S701-20)
110		111111111111111111111111111111111111111			112 35 (8,01 20)
From	ID	P12-44 (S701-2)	to	ID	A1P12.48
From	ID	A1J12.48	to	ID	A1J10.1
From	ID	A1P10.1	to	ID	P11-162 (S506-2)
From	ID	P11-164 (S506-3)	to	ID	A1P9.23
From	ID	A1J9.23	to	ID	BUS 1
From	ID	P20-2 (DMM-HI)	to	ID	A1P15.49
		A1J15.49			A1J8.28
		A1P8.28			P10-203 (S503-1)
		P10-77 (S503-3)			A1P6.13
		AlJ6.13			BUS 1
110111					
From	ID	P20-3 (DMM-LO)	to	ID	A1P15.50
From	ID	A1J15.50	to	ID	A1J7.38
From	ID	A1P7.38	to	ID	P10-130 (S301-23)
From	ID	P10-229 (S301-24)	to	ID	A1P7.36
From	ID	A1J7.36	to	GRO	DUND

Step 131

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin

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J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.40, J3.22, J2.39, and J2.17 to ground. 28.0Vdc is applied to pin J2.29, J3.4, and J2.13. The output measured at pin J2.17 should be less than 0.5Vdc with respect to ground.

BCC 001 lowel	
From W1 P2-29 (UUT J2-29)	to W1 D17-1C
From ID J1A-1C	to ID AlJ14.5
From ID A1P14.5	to ID P13-49 (S201-17)
FIOR ID AIF14.5	CO ID F13-49 (5201-17)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	
From ID A1J9.27	to ID BUS 2
FIOU ID ALU9.27	CO ID BOS 2
From W2 P2-42 (UUT J1-42)	to W2 P1A-1C
From ID J2A-1C	to ID A1J14.34
From ID A1P14.34	to ID P13-58 (S202-17)
FIOM ID AIF14.54	CO ID FIS-30 (5202-17)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
110 12 1111 10 1 10	00 12 111 01 (2010 1)
From W1 P2-13 (UUT J2-13)	to W1 P1B-14B
From ID J1B-14B	to ID A1J13.3
From ID A1P13.3	to ID P12-46 (S201-7)
From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID AlJ14.11
From ID A1P14.11	to ID P13-51 (S201-28)
From ID P12-80 (S201-2)	
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	
From ID A1J9.2	to ID BUS 8
E 141 D2 22 / 1111 T2 22)	+
From W1 P3-22 (UUT J3-22)	
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID AlJ14.9
From ID A1P14.9	to ID P13-17 (S201-26)
110.11 11 11.7	20 12 113 17 (5201 20)
From W2 P2-7 (UUT J1-7)	to W2 P1B-8A
From ID J2B-8A	to ID A1J13.25
From ID A1P13.25	to ID P12-39 (S701-20)
	00 10 112 00 (0.01 20)

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From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 132

Description:

See "UUT Power"

Connection Path is as follows:

From W1 P2-47 (UUT J2-47)

From ID J1A-3F

From ID A1P14.14

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.40 to ground. 28.0Vdc is applied to pin J2.29, J1.41, and J2.47. The output measured at pin J1.7 should be less than 0.5Vdc with respect to ground.

See "APPLY IC"	
From W1 P2-29 (UUT J2-29)	
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
From ID P12-20 (S201-3)	
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W2 P2-41 (UUT J1-41)	to W2 P1B-12D
From ID J2B-12D	to ID A1J12.33
From ID A1P12.33	to ID P12-26 (S202-15)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2

to W1 P1A-3F

to ID A1J14.14

to ID P13-18 (S201-35)

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	to ID A1J10.2 to ID P11-39 (S507-1)
From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W2 P2-7 (UUT J1-7)	to W2 P1B-8A
From ID J2B-8A	to ID A1J13.25
From ID A1P13.25	to ID P12-39 (S701-20)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 133

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.40 and J3.22 to ground. 28.0Vdc is applied to pin J2.29, J1.41, J2.47 and J2.5. The output measured at pin J1.7 should be less than 0.5Vdc with respect to ground.

From W1 P2-5 (UUT J2-5)	to W1 P1B-14A
From ID J1B-14A	to ID A1J13.1
From ID A1P13.1	to ID P12-79 (S201-5)

		-2 00 (2 00)			-1- 0-
		,			P1A-3E
		J1A-3E			A1J14.13
From	TD	A1P14.13	to	TD	P13-19 (S201-34)
From	TAT 1	P2-29 (UUT J2-29)	t o	TAT 1	P1A-1C
		J1A-1C			A1J14.5
		A1P14.5			P13-49 (S201-17)
I I Olli	עב	AIF14.5	LU	ענ	P13-49 (3201-17)
From	ID	P12-20 (S201-3)	to	ID	A1P12.46
From	ID	A1J12.46	to	ID	A1J10.2
From	ID	A1P10.2	to	ID	P11-39 (S507-1)
From	ID	P11-72 (S507-4)	to	ID	A1P9.27
From	ID	A1J9.27	to	ID	BUS 2
	T-7 O	DO 41 (TTTT T1 41)		T-7.0	D1D 10D
		P2-41 (UUT J1-41)			P1B-12D
		J2B-12D			A1J12.33
From	ID	A1P12.33	to	ID	P12-26 (S202-15)
From	ID	P13-93 (S202-3)	to	ID	A1P14.49
		A1J14.49			A1J10.48
From	ID	A1P10.48			P11-52 (S510-1)
		P11-147 (S510-4)			A1P9.31
		A1J9.31			BUS 2
		P2-47 (UUT J2-47)			P1A-3F
		J1A-3F			A1J14.14
From	ID	A1P14.14	to	ID	P13-18 (S201-35)
From	ID	P12-20 (S201-3)	to	ID	A1P12.46
		A1J12.46			A1J10.2
		A1P10.2			P11-39 (S507-1)
		P11-72 (S507-4)			A1P9.27
		A1J9.27			BUS 2
110		11100.11			200 2
		P2-40 (UUT J2-40)			P1A-1F
_		J1A-1F			A1J14.11
From	ID	A1P14.11	to	ID	P13-51 (S201-28)
From	ID	P12-80 (S201-2)	t.o	ΙD	A1P12.40
		A1J12.40			A1J10.8
		A1P10.8			P11-139 (S508-2)
_		P11-205 (S508-10)			A1P9.2
		A1J9.2			BUS 8
rrom	בט	A10 7 . 2	CO	דב	000
From	W2	P2-7 (UUT J1-7)	to	W2	P1B-8A
From	ID	J2B-8A	to	ID	A1J13.25
From	ID	A1P13.25	to	ID	P12-39 (S701-20)
From	TD	P12-44 (S701-2)	t o	TD	A1P12.48
		A1J12.48			A1J10.1
		A1P10.1			P11-162 (S506-2)
		P11-164 (S506-3)			A1P9.23
		A1J9.23			BUS 1
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From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 134

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.40 and J3.22 to ground. 28.0Vdc is applied to pin J2.29, J1.41, J2.47 and J2.5. Momentarily lift J2.16 from ground and connect to J2.10. The output measured at pin J1.7 should be greater than 13.0Vdc with respect to ground.

From ID A1P11.9 From ID P11-233 (S301-153)	to ID AlJ11.9 to ID P11-43 (S301-154)
	to W1 P1B-14A to ID A1J13.1 to ID P12-79 (S201-5)
	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID A1P10.2 From ID P11-72 (S507-4)	to ID A1J10.2 to ID P11-39 (S507-1)
From W2 P2-41 (UUT J1-41) From ID J2B-12D From ID A1P12.33 From ID P13-93 (S202-3)	to ID A1J12.33 to ID P12-26 (S202-15)

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From ID AlJ14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From W1 P2-47 (UUT J2-47)	to W1 P1A-3F
From ID J1A-3F	to ID A1J14.14
From ID A1P14.14	to ID P13-18 (S201-35)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID AlJ14.11
From ID A1P14.11	to ID P13-51 (S201-28)
Error ID D12 00 (C201 2)	+
From ID P12-80 (S201-2)	to ID A1712.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W2 P2-7 (UUT J1-7)	to W2 P1B-8A
From ID J2B-8A	to ID A1J13.25
From ID A1P13.25	to ID P12-39 (S701-20)
FIOM ID AIFI3.23	CO 1D F12 35 (5701 20)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID AlJ12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID AlJ9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 135

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.40 and J3.22 to ground. 28.0Vdc is applied to pin J2.29, J1.41, J2.47, J2.5, and J2.51. The output measured at pin J1.7 should be greater than 13.0Vdc with respect to ground.

From ID AlJ9.27

From ID J1A-1F From ID A1P14.11

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Connection Path is as follows: See "UUT Power"

From W1 P2-51 (UUT J2-51) to W1 P1B-9B from ID J1B-9B to ID A1J12.2 from ID A1P12.2 to ID P12-15 (S201-16) From ID P12-52 (S201-4) to ID A1P12.44 to ID A1J10.4 From ID A1P10.4 to ID P11-71 (S507-2) From ID P11-72 (S507-4) to ID A1P9.27 From ID A1J9.27 to ID BUS 2 From W1 P2-5 (UUT J2-5) to W1 P1B-14A From ID J1B-14A to ID A1J13.1 from ID A1P13.1 to ID P12-79 (S201-5) From W1 P3-22 (UUT J3-22) to W1 P1A-3E From ID J1A-3E to ID A1J14.13 to ID P13-19 (S to ID P13-19 (S201-34) From W1 P2-29 (UUT J2-29) to W1 P1A-1C From ID J1A-1C to ID A1J14.5 from ID A1P14.5 to ID A1J14.5 to ID P13-49 (S201-17) From ID P12-20 (S201-3) to ID A1P12.46
From ID A1J12.46 to ID A1J10.2
From ID A1P10.2 to ID P11-39 (S507-1)
From ID P11-72 (S507-4) to ID A1P9.27
From ID A1J9.27 to ID BUS 2 From W2 P2-41 (UUT J1-41) to W2 P1B-12D From ID J2B-12D to ID A1J12.33 From ID A1P12.33 to ID P12-26 (S From ID A1P12.33 to ID P12-26 (S202-15) From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31 From ID A1J9.31 to ID BUS 2 From W1 P2-47 (UUT J2-47) to W1 P1A-3F from ID J1A-3F to ID A1J14.3 to ID A1J14.14 to ID P13-18 (S201-35) From ID A1P14.14 From ID P12-20 (S201-3) to ID A1P12.46 From ID A1J12.46 to ID A1J10.2 From ID A1P10.2 to ID P11-39 (S507-1) From ID P11-72 (S507-4) to ID A1P9.27 From ID A1J9.27 to ID BUS 2

From W1 P2-40 (UUT J2-40) to W1 P1A-1F

to ID BUS 2

to ID A1J14.11 to ID P13-51 (S201-28)

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From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W2 P2-7 (UUT J1-7) From ID J2B-8A From ID A1P13.25	to W2 P1B-8A to ID A1J13.25 to ID P12-39 (S701-20)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1J10.1 to ID P11-162 (S506-2)
From ID A1J15.49 From ID A1P8.28	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 136

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.40 and J3.22 to ground. 28.0Vdc is applied to pin J2.29, J1.41, J2.47, and J2.5. The output measured at pin J1.7 should be less than 0.5Vdc with respect to ground.

From W1 P2-5 (UUT J2-5) From ID J1B-14A From ID A1P13.1	to W1 P1B-14A to ID A1J13.1 to ID P12-79 (S201-5)
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID P12-20 (S201-3)	to ID A1P12.46

From ID	A1J12.46	tο	TD	A1J10.2
From ID				P11-39 (S507-1)
				A1P9.27
From ID	A109.27	to	ID	BUS 2
Erom W2	P2-41 (UUT J1-41)	+ 0	C 141	P1B-12D
From ID				A1J12.33
From ID	A1P12.33	to	TD	P12-26 (S202-15)
From ID	P13-93 (S202-3)	t.o	TD	A1P14.49
	A1J14.49			A1J10.48
	A1P10.48			P11-52 (S510-1)
				A1P9.31
From ID	A109.31	to	ΙD	BUS 2
From W1	P2-47 (UUT J2-47)	to	W1	P1A-3F
From ID		t.o	TD	A1J14.14
	A1P14.14			P13-18 (S201-35)
TIOM ID	AIIIII		דט	113 10 (5201 55)
From ID	P12-20 (S201-3)	to	ID	A1P12.46
From ID	A1J12.46	to	ID	A1J10.2
From ID	A1P10.2	to	ID	P11-39 (S507-1)
	P11-72 (S507-4)			A1P9.27
From ID				BUS 2
11011112	11100.11			200 2
From W1	P2-40 (UUT J2-40)	to	W1	P1A-1F
From ID	J1A-1F	to	ID	A1J14.11
From ID	A1P14.11	to	ID	P13-51 (S201-28)
Erom ID	P12-80 (S201-2)	t o	TD	A1P12.40
	A1J12.40			A1J10.8
From ID				P11-139 (S508-2)
				,
				A1P9.2
From ID	A1J9.2	to	ID	BUS 8
From W2	P2-7 (UUT J1-7)	to	W2	P1B-8A
From ID		t.o	TD	A1J13.25
	A1P13.25			P12-39 (S701-20)
TIOM ID	A11 13.23		דע	112 35 (6701 20)
From ID	P12-44 (S701-2)	to	ID	A1P12.48
From ID	A1J12.48	to	ID	A1J10.1
From ID	A1P10.1	to	ID	P11-162 (S506-2)
From ID	P11-164 (S506-3)	to	ID	A1P9.23
From ID		to	ID	BUS 1
	D00 0 (D104 117)			71715 40
	P20-2 (DMM-HI)			A1P15.49
	A1J15.49			A1J8.28
From ID				P10-203 (S503-1)
	P10-77 (S503-3)			A1P6.13
From ID	A1J6.13	to	ID	BUS 1
From ID	P20-3 (DMM-LO)	to	TD	A1P15.50
	A1J15.50			A1J7.38
From ID				P10-130 (S301-23)
LTOU ID	MIF / . 30	LU	Tυ	F1U-13U (S3U1-23)

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From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND

Step 137

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pin J2.29, J1.42, and J2.13. Momentarily lift J2.16 from ground and connect to J2.10. Short pin J2.39 to ground. The output measured at pin J1.7 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

See "APPLY IC"

From ID P12-20 (S201-3) to ID A1P12.46
From ID A1J12.46 to ID A1J10.2
From ID A1P10.2 to ID P11-39 (S507-1)
From ID P11-72 (S507-4) to ID A1P9.27
From ID A1J9.27 to ID BUS 2

From ID A1J9.27 to ID BUS 2

From W2 P2-42 (UUT J1-42) to W2 P1A-1C to ID A1J14.34 From ID J2A-1C From ID A1P14.34

to ID P13-58 (S202-17)

From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 to ID BUS 2

From ID AlJ9.31 to ID BUS 2

From W1 P2-13 (UUT J2-13) to W1 P1B-14B from ID J1B-14B to ID A1J13.3 from ID A1P13.3 to ID P12-46 (S201-7)

From W1 P2-16 (UUT J2-16) to W1 P1A-12D to ID A1J11.9 From ID A1P11.9 to ID P11-43 (S301-154) From ID P11-233 (S301-153) to ID A1P11.11 to ID A1J2.15 (DC2-HI J3-30)

From W1 P2-39 (UUT J2-39) to W1 P1A-1E from ID J1A-1E to ID A1J14.9

to ID P13-17 (S201-26) From ID A1P14.9

From ID P12-80 (S201-2) to ID A1P12.40 From ID A1J12.40 to ID A1J10.8 From ID A1P10.8 to ID P11-139 (to ID P11-139 (S508-2) From ID A1P10.8

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From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P9.2 to ID BUS 8
From W2 P2-7 (UUT J1-7) From ID J2B-8A From ID A1P13.25	to W2 P1B-8A to ID A1J13.25 to ID P12-39 (S701-20)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 138

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pin J2.29, J1.42, J2.13, and J2.38. Short pin J2.39 to ground. The output measured at pin J1.7 should be greater than 13.0Vdc with respect to ground.

From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5 From ID P12-20 (S201-3) From ID A1J12.46	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17) to ID A1P12.46 to ID A1J10.2

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From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W2 P2-42 (UUT J1-42)	to W2 P1A-1C
From ID J2A-1C	to ID A1J14.34
From ID A1P14.34	to ID P13-58 (S202-17)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From W1 P2-13 (UUT J2-13)	to W1 P1B-14B
From ID J1B-14B	to ID A1J13.3
From ID A1P13.3	to ID P12-46 (S201-7)
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W2 P2-7 (UUT J1-7)	to W2 P1B-8A
From ID J2B-8A	to ID A1J13.25
From ID A1P13.25	to ID P12-39 (S701-20)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 139

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin

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J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.39 to ground. 28.0Vdc is applied to pin J2.29, J2.9 (for 10msec and then open), J1.41, J2.13, J2.5, and J2.38. The output measured at pin J1.7 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

See "APPLY IC"	
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
	,
From ID P12-20 (S201-3)	to ID A1P12.46
From ID AlJ12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P2-9 (UUT J2-9)	to W1 P1A-1A
From ID J1A-1A	to ID A1J14.1
From ID A1P14.1	to ID P13-47 (S201-9)
From W2 P2-41 (UUT J1-41)	to W2 P1B-12D
From ID J2B-12D	to ID A1J12.33
From ID A1P12.33	to ID P12-26 (S202-15)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID AlJ14.49	to ID A1J10.48
From ID AlP10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From W1 P2-13 (UUT J2-13)	to W1 P1B-14B
From ID J1B-14B	to ID A1J13.3
From ID A1P13.3	
From 1D AIP13.3	to ID P12-46 (S201-7)
From W1 P2-5 (UUT J2-5)	to W1 P1B-14A
From ID J1B-14A	to ID AlJ13.1
From ID A1P13.1	to ID P12-79 (S201-5)
F 1/1 DO 20 / 1/1/19 TO 20 \	L W1 D1D OD
From W1 P2-38 (UUT J2-38)	
From ID J1B-8B	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID AlJ12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2

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From ID AlJ9.2	to ID BUS 8
From W2 P2-7 (UUT J1-7) From ID J2B-8A From ID A1P13.25	to W2 P1B-8A to ID A1J13.25 to ID P12-39 (S701-20)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 140

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.39 to ground. 28.0Vdc is applied to pin J2.29, J1.41, J2.13, J2.5, J2.38 and J2.8. The output measured at pin J1.7 should be greater than 13.0Vdc with respect to ground.

From W1 P2-8 (UUT J2-8) From ID J1A-5E From ID A1P14.17	to W1 P1A-5E to ID A1J14.17 to ID P13-87 (S202-10)
From ID P13-29 (S202-4) From ID A1J14.50 From ID A1P10.50 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.50 to ID A1J10.50 to ID P11-244 (S510-2) to ID A1P9.31 to ID BUS 2
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1)

From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P9.27 to ID BUS 2
From W2 P2-41 (UUT J1-41) From ID J2B-12D From ID A1P12.33	to W2 P1B-12D to ID A1J12.33 to ID P12-26 (S202-15)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P2-13 (UUT J2-13) From ID J1B-14B From ID A1P13.3	to W1 P1B-14B to ID A1J13.3 to ID P12-46 (S201-7)
From W1 P2-5 (UUT J2-5) From ID J1B-14A From ID A1P13.1	to W1 P1B-14A to ID A1J13.1 to ID P12-79 (S201-5)
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23)
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W2 P2-7 (UUT J1-7) From ID J2B-8A From ID A1P13.25	to W2 P1B-8A to ID A1J13.25 to ID P12-39 (S701-20)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23)

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From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND

Step 141

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.39 and J2.46 to ground. 8.0Vdc is applied to pin J2.29, J1.41, J2.13, J2.5, J2.38, and J2.8. The output measured at pin J1.7 should be less than 0.5Vdc with respect to ground.

From W1 P2-46 (UUT J2-46)	to W1 P1B-7B
From ID J1B-7B	to ID A1J12.8
From ID A1P12.8	to ID P12-50 (S201-30)
From W1 P2-8 (UUT J2-8)	to W1 P1A-5E
From ID J1A-5E	to ID A1J14.17
From ID A1P14.17	to ID P13-87 (S202-10)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID AlJ14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	
From ID AlJ9.31	to ID BUS 2
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID AlJ14.5
From ID A1P14.5	to ID P13-49 (S201-17)
110 12 11111110	(2201 17)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID AlJ12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID Alp9.27
From ID AlJ9.27	to ID BUS 2
From W2 P2-41 (UUT J1-41)	to W2 P1B-12D
From ID J2B-12D	to ID A1J12.33
From ID A1P12.33	to ID P12-26 (S202-15)
	,
From ID P13-93 (S202-3)	to ID A1P14.49
From ID AlJ14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID Alp9.31
From ID AlJ9.31	to ID BUS 2
· · - -	-
From W1 P2-13 (UUT J2-13)	to W1 P1B-14B
From ID J1B-14B	to ID AlJ13.3
From ID AlP13.3	to ID P12-46 (S201-7)
_	: \ \ := : \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

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	515 143
From W1 P2-5 (UUT J2-5)	to W1 P1B-14A
From ID J1B-14A	to ID A1J13.1
From ID A1P13.1	to ID P12-79 (S201-5)
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W2 P2-7 (UUT J1-7)	to W2 P1B-8A
From ID J2B-8A	to ID A1J13.25
From ID A1P13.25	to ID P12-39 (S701-20)
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 142

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.39 to ground. 28.0Vdc is applied to pin J2.29, J1.42, J2.19 (for 2 seconds and then open), J2.5, and J2.38. The output measured at pin J1.7 should be less than 0.5Vdc with respect to ground.

```
Connection Path is as follows:
See "UUT Power"
See "APPLY IC"
```

From	W1	P2-29 (UUT J2-29)	to	W1	P1A-1C
		J1A-1C	to	ID	A1J14.5
		A1P14.5			P13-49 (S201-17)
110111		1111 11:3	-		113 19 (8201 17)
Erom	TD	P12-20 (S201-3)	+ 0	TD	A1P12.46
		A1J12.46			A1J10.2
		A1P10.2			P11-39 (S507-1)
		P11-72 (S507-4)			A1P9.27
From	ID	A1J9.27	to	ID	BUS 2
From	W2	P2-42 (UUT J1-42)	to	W2	P1A-1C
From	ID	J2A-1C	to	ID	A1J14.34
From	ID	A1P14.34	to	ID	P13-58 (S202-17)
_					,
From	TD	P13-93 (S202-3)	t o	TD	A1P14.49
		A1J14.49			A1J10.48
		A1014.49 A1P10.48			
					P11-52 (S510-1)
		P11-147 (S510-4)			A1P9.31
From	ID	A1J9.31	to	ID	BUS 2
From	W1	P2-19 (UUT J2-19)	to	W1	P1B-13C
From	ID	J1B-13C	to	ID	A1J13.6
From	ID	A1P13.6	to	ID	P12-78 (S201-14)
					,
From	TD	P12-52 (S201-4)	tο	TD	A1P12.44
		A1J12.44			A1J10.4
		A1P10.4			
					P11-71 (S507-2)
		P11-72 (S507-4)			A1P9.27
From	ID	A1J9.27	to	ID	BUS 2
		P2-5 (UUT J2-5)			P1B-14A
From	ID	J1B-14A	to	ID	A1J13.1
From	ID	A1P13.1	to	ID	P12-79 (S201-5)
From	ID	P12-20 (S201-3)	to	ID	A1P12.46
		A1J12.46			A1J10.2
_		A1P10.2			P11-39 (S507-1)
		P11-72 (S507-4)			A1P9.27
		A1J9.27			
FLOIII	TD	A109.27	LO	TD	BUS 2
_		-0.20 /0.20)			-1- 0-
		P2-38 (UUT J2-38)			P1B-8B
		J1B-8B			A1J12.5
From	ID	A1P12.5	to	ID	P12-17 (S201-23)
From	W1	P2-39 (UUT J2-39)	to	W1	P1A-1E
		J1A-1E			A1J14.9
		A1P14.9			P13-17 (S201-26)
			20		(5201 20)
From	TD	P12-80 (S201-2)	+ ~	TD	A1P12.40
		A1J12.40			A1J10.8
		A1P10.8			P11-139 (S508-2)
		P11-205 (S508-10)			A1P9.2
From	ID	A1J9.2	to	ID	BUS 8

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From W2 P2-7 (UUT J1-7) From ID J2B-8A From ID A1P13.25	to W2 P1B-8A to ID A1J13.25 to ID P12-39 (S701-20)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 143

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.39 to ground. 28.0Vdc is applied to pin J2.29, J1.42, J2.5, J2.38, and J2.9. The output measured at pin J1.7 should be greater than 13.0Vdc with respect to ground.

From W1 P2-9 (UUT J2-9) From ID J1A-1A From ID A1P14.1	to W1 P1A-1A to ID A1J14.1 to ID P13-47 (S201-9)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2

From W2 P2-42 (UUT J1-42)	to W2 P1A-1C
From ID J2A-1C	to ID A1J14.34
From ID A1P14.34	to ID P13-58 (S202-17)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From W1 P2-5 (UUT J2-5)	to W1 P1B-14A
From ID J1B-14A	to ID A1J13.1
From ID A1P13.1	to ID P12-79 (S201-5)
•	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P2-38 (UUT J2-38)	
From ID J1B-8B	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)
	513 15
From W1 P2-39 (UUT J2-39)	
From ID J1A-1E	to ID AlJ14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W2 P2-7 (UUT J1-7)	to W2 P1B-8A
From ID J2B-8A	to ID A1J13.25
From ID A1P13.25	to ID P12-39 (S701-20)
FION ID AIPI3.23	CO ID PIZ-39 (S/01-20)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID AlJ12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
110111107.23	
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID AlJ15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID AlJ15.50	to ID A1J7.38
From ID A1013.30	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Date: 04 March 2016

Step 144

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.39 and J2.12 to ground. 28.0Vdc is applied to pin J2.29, J1.42, J2.5, J2.38, and J2.9. The output measured at pin J1.7 should be less than 0.5Vdc with respect to ground.

From W1 P2-12 (UUT J2-12) From ID J1B-8A From ID A1P12.4	to W1 P1B-8A to ID A1J12.4 to ID P12-18 (S201-22)
From W1 P2-9 (UUT J2-9) From ID J1A-1A From ID A1P14.1	to W1 P1A-1A to ID A1J14.1 to ID P13-47 (S201-9)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W2 P2-42 (UUT J1-42) From ID J2A-1C From ID A1P14.34	to W2 P1A-1C to ID A1J14.34 to ID P13-58 (S202-17)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P2-5 (UUT J2-5) From ID J1B-14A From ID A1P13.1	to W1 P1B-14A to ID A1J13.1 to ID P12-79 (S201-5)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1)

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From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P9.27 to ID BUS 2
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23)
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W2 P2-7 (UUT J1-7) From ID J2B-8A From ID A1P13.25	to W2 P1B-8A to ID A1J13.25 to ID P12-39 (S701-20)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13 From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24)	to ID BUS 1 to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23)
From ID A1J7.36	to GROUND

Step 145

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.39 and J2.12 to ground. 28.0Vdc is applied to pin J2.29, J1.42, J2.5, J2.38, and J2.9. Momentarily lift J2.16 from ground and connect to J2.10. The output measured at pin J2.60 should be greater than 13.0Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W1 P2-16 (UUT J2-16) to W1 P1A-12D from ID J1A-12D to ID A1J11.9

From ID A1P11.9	to ID P11-43 (S301-154)
From ID P11-233 (S301-153)	to ID A1P11.11
From ID A1J11.11	to ID A1J2.15 (DC2-HI J3-30)
From W1 P2-12 (UUT J2-12)	to W1 P1B-8A
From ID J1B-8A	to ID A1J12.4
From ID A1P12.4	to ID P12-18 (S201-22)
From W1 P2-9 (UUT J2-9)	to W1 P1A-1A
From ID J1A-1A	to ID A1J14.1
From ID A1P14.1	to ID P13-47 (S201-9)
From ID P12-20 (S201-3)	
From ID A1J12.46	to ID A1J10.2
	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P2-29 (UUT J2-29)	
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W2 P2-42 (UUT J1-42)	to W2 P1A-1C
From ID J2A-1C	to ID AlJ14.34
From ID 32A-1C From ID A1P14.34	to ID P13-58 (S202-17)
FION ID AIPI4.34	CO ID PI3-36 (3202-17)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID AlJ10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID Alp9.31
From ID A1J9.31	to ID BUS 2
From W1 P2-5 (UUT J2-5)	to W1 P1B-14A
From ID J1B-14A	to ID A1J13.1
From ID A1P13.1	to ID P12-79 (S201-5)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From M1 D2 20 /IIIIII T2 20\	+ 0 W1 D1D 0D
From W1 P2-38 (UUT J2-38) From ID J1B-8B	to W1 P1B-8B
From ID JIB-8B From ID A1P12.5	to ID A1J12.5 to ID P12-17 (S201-23)
FION ID AIFIZ.3	CO ID FIZ-I/ (2201-23)
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
FIOU ID OIM-IE	CO ID MIUIT.9

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From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1J10.8 to ID P11-139 (S508-2)
From W2 P2-7 (UUT J1-7)	to W2 P1B-8A
From ID J2B-8A	to ID A1J13.25
From ID A1P13.25	to ID P12-39 (S701-20)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 146

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.39, J2.12, and J2.56 to ground. 28.0Vdc is applied to pin J2.29, J1.42, J2.5, J2.38, and J2.9. Initiate Counter/Timer to measure the time interval between pins J2.56 and J2.60. When J2.56 decreases past 5 volts, the output at pin J1.7 should drop to less than 0.5Vdc with respect to ground in between 190 and 725 msecs.

From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-115 (S510-7) From ID A1J9.38	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.38 to ID BUS 5
From ID P19-18 (CT-IN1) From ID A1J21.1 From ID A1P6.8	to ID A1P21.1 to ID A1J6.8 to ID P10-162 (S501-2)

From ID	P10-161 (S501-7)	to	ID	A1P7.45
From II	A1J7.45	to	ID	BUS 5
	P2-7 (UUT J1-7)			P1B-8A
From II	J2B-8A			A1J13.25
From ID	A1P13.25	to	ID	P12-39 (S701-20)
D TD	D10 44 (G701 0)		TD	71710 40
	P12-44 (S701-2)			A1P12.48
	A1J12.48 A1P10.1			A1J10.1
	P11-193 (S506-6)			P11-162 (S506-2) A1P9.50
	A1J9.50			BUS 4
FIOIII IL	A109.30	LO	ΙD	DUD 4
From II	P19-19 (CT-IN2)	to	ID	A1P22.1
	A1J22.1	to	ID	A1J6.10
From ID	A1P6.10	to	ID	P10-71 (S502-2)
From ID	P10-38 (S502-6)			A1P7.43
	A1J7.43			BUS 4
	-0.56 (0.56)			-1- 11-
	. P2-56 (UUT J2-56)			P1B-11D
) J1B-11D			A1J13.16
From II	A1P13.16	to	TD	P12-6 (S701-21)
From ID	P12-76 (S701-1)	to	ID	A1P12.50
	A1J12.50			A1J10.3
	A1P10.3			P11-194 (S506-1)
	P11-36 (S506-10)			A1P9.10
	A1J9.10			BUS 8
	-0.10 (0.10)			-1- 0-
	P2-12 (UUT J2-12)			P1B-8A
) J1B-8A			A1J12.4
From IL	A1P12.4	to	TD	P12-18 (S201-22)
From W1	. P2-9 (UUT J2-9)	to	W1	P1A-1A
) J1A-1A			A1J14.1
From ID	A1P14.1			P13-47 (S201-9)
	P12-20 (S201-3)			A1P12.46
	A1J12.46			A1J10.2
	A1P10.2			P11-39 (S507-1)
	P11-72 (S507-4)			A1P9.27
From II	A1J9.27	to	ID	BUS 2
From W1	. P2-29 (UUT J2-29)	to	W1	P1A-1C
	J1A-1C			A1J14.5
	A1P14.5			P13-49 (S201-17)
_	-10 00 /-201 5:		_	
	P12-20 (S201-3)			A1P12.46
	A1J12.46			A1J10.2
	A1P10.2			P11-39 (S507-1)
	P11-72 (S507-4)			A1P9.27
From ID	A1J9.27	to	ID	BUS 2
From W2	P2-42 (UUT J1-42)	to	W2	P1A-1C
	,	-		

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From :	ID J2A-1C	to	ID	A1J14.34
From :	ID A1P14.34	to	ID	P13-58 (S202-17)
From :	ID P13-93 (S202-3)	to	ID	A1P14.49
From	ID A1J14.49	to	ID	A1J10.48
From	ID A1P10.48	to	ID	P11-52 (S510-1)
From	ID P11-147 (S510-4)	to	ID	A1P9.31
From	ID A1J9.31	to	ID	BUS 2
From N	W1 P2-5 (UUT J2-5)	to	W1	P1B-14A
From	ID J1B-14A	to	ID	A1J13.1
From	ID A1P13.1	to	ID	P12-79 (S201-5)
From	ID P12-20 (S201-3)	to	ID	A1P12.46
From	ID A1J12.46	to	ID	A1J10.2
From	ID A1P10.2	to	ID	P11-39 (S507-1)
From	ID P11-72 (S507-4)	to	ID	A1P9.27
	ID A1J9.27	to	ID	BUS 2
From N	W1 P2-38 (UUT J2-38)	to	W1	P1B-8B
From	ID J1B-8B	to	ID	A1J12.5
From	ID A1P12.5			P12-17 (S201-23)
				·
From N	W1 P2-39 (UUT J2-39)	to	W1	P1A-1E
	ID J1A-1E		ID	A1J14.9
From	ID A1P14.9	to	ID	P13-17 (S201-26)
				,
From	ID P12-80 (S201-2)	to	ID	A1P12.40
	ID A1J12.40		ID	A1J10.8
From	ID A1P10.8	to	ID	P11-139 (S508-2)
From	ID P11-205 (S508-10)			A1P9.2
	ID A1J9.2		ID	BUS 8

Step 147

Description:

Connection Path is as follows:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.39 to ground. 28.0Vdc is applied to pin J2.29, J1.41, J2.19 (for 2 seconds and then open), J2.47, and J2.8. The output measured at pin J1.7 should be less than 0.5Vdc with respect to ground.

to W1 P1A-1C
to ID A1J14.5
to ID P13-49 (S201-17)
to ID A1P12.46
to ID A1J10.2
to ID P11-39 (S507-1)

From ID	P11-72 (S507-4)	to	ID	A1P9.27
From ID	A1J9.27	to	ID	BUS 2
Exam W2	P2-41 (UUT J1-41)	+ 0	C 147	P1B-12D
	J2B-12D			A1J12.33
From ID	A1P12.33	to	ID	P12-26 (S202-15)
From ID	P13-93 (S202-3)	to	ID	A1P14.49
From ID	A1J14.49	to	ID	A1J10.48
From ID	A1P10.48	to	ID	P11-52 (S510-1)
From ID	P11-147 (S510-4)	to	ID	A1P9.31
From ID	A1J9.31	to	ID	BUS 2
From W1	P2-19 (UUT J2-19)	t o	₩1	P1B-13C
	J1B-13C			A1J13.6
	A1P13.6			P12-78 (S201-14)
From ID	AIPI3.0	LO	TD	P12-78 (S201-14)
From ID	P12-52 (S201-4)	to	ID	A1P12.44
From ID	A1J12.44	to	ID	A1J10.4
From ID	A1P10.4	to	ID	P11-71 (S507-2)
	P11-72 (S507-4)			A1P9.27
	A1J9.27			BUS 2
110111 11	1110 9 . 2 /	00	בב	200 2
From W1	P2-47 (UUT J2-47)	to	W1	P1A-3F
From ID	J1A-3F	to	ID	A1J14.14
From ID	A1P14.14	to	ID	P13-18 (S201-35)
From W1	P2-8 (UUT J2-8)	to	W1	P1A-5E
	J1A-5E	to	ID	A1J14.17
	A1P14.17			P13-87 (S202-10)
	712 00 (6000 4)			71714 50
	P13-29 (S202-4)			A1P14.50
	A1J14.50			A1J10.50
	A1P10.50			P11-244 (S510-2)
	P11-147 (S510-4)			A1P9.31
From ID	A1J9.31	to	ID	BUS 2
From W1	P2-39 (UUT J2-39)	to	W1	P1A-1E
From ID	J1A-1E	to	ID	A1J14.9
From ID	A1P14.9	to	ID	P13-17 (S201-26)
From ID	P12-80 (S201-2)	to	ID	A1P12.40
	A1J12.40			A1J10.8
	A1P10.8			P11-139 (S508-2)
	P11-205 (S508-10)			A1P9.2
From ID				BUS 8
rrom rd	11107.2		עב	200 0
From W2	P2-7 (UUT J1-7)	to	W2	P1B-8A
From ID	J2B-8A	to	ID	A1J13.25
From ID	A1P13.25	to	ID	P12-39 (S701-20)
From ID	P12-44 (S701-2)	to	ID	A1P12.48
	A1J12.48			A1J10.1
	A1P10.1			P11-162 (S506-2)
		20		(5500 2)

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From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 148

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.39 to ground. 28.0Vdc is applied to pin J2.29, J1.41, J2.47, J2.8, and J2.38. The output measured at pin J1.7 should be greater than 13.0Vdc with respect to ground.

From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23)
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1J10.2 to ID P11-39 (S507-1)
From W2 P2-41 (UUT J1-41) From ID J2B-12D From ID A1P12.33	to W2 P1B-12D to ID A1J12.33 to ID P12-26 (S202-15)
	to ID A1J10.48 to ID P11-52 (S510-1)
From W1 P2-47 (UUT J2-47) From ID J1A-3F	to W1 P1A-3F to ID A1J14.14

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From ID AlP14.14	to ID P13-18 (S201-35)
From W1 P2-8 (UUT J2-8)	to W1 P1A-5E
From ID J1A-5E	to ID A1J14.17
From ID A1P14.17	to ID P13-87 (S202-10)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W2 P2-7 (UUT J1-7)	to W2 P1B-8A
From ID J2B-8A	to ID A1J13.25
From ID A1P13.25	to ID P12-39 (S701-20)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID A1J10.1 to ID P11-162 (S506-2)
	to ID A1J10.1
From ID A1P10.1	to ID A1J10.1 to ID P11-162 (S506-2)
From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23 From ID P20-2 (DMM-HI)	to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1 to ID A1P15.49
From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23 From ID P20-2 (DMM-HI) From ID A1J15.49	to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23 From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28	to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1 to ID A1P15.49
From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23 From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3)	to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1 to ID A1P15.49 to ID A1J8.28
From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23 From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28	to ID AlJ10.1 to ID P11-162 (S506-2) to ID AlP9.23 to ID BUS 1 to ID AlP15.49 to ID AlJ8.28 to ID P10-203 (S503-1)
From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23 From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13 From ID P20-3 (DMM-LO)	to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1 to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1 to ID A1P15.50
From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23 From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13 From ID P20-3 (DMM-LO) From ID A1J15.50	to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1 to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1 to ID A1P15.50 to ID A1J7.38
From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23 From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13 From ID P20-3 (DMM-LO)	to ID AlJ10.1 to ID P11-162 (S506-2) to ID AlP9.23 to ID BUS 1 to ID AlP15.49 to ID AlJ8.28 to ID P10-203 (S503-1) to ID AlP6.13 to ID BUS 1 to ID AlP15.50 to ID AlJ7.38 to ID P10-130 (S301-23)
From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23 From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13 From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24)	to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1 to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1 to ID A1P15.50 to ID A1J7.38
From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23 From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13 From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38	to ID AlJ10.1 to ID P11-162 (S506-2) to ID AlP9.23 to ID BUS 1 to ID AlP15.49 to ID AlJ8.28 to ID P10-203 (S503-1) to ID AlP6.13 to ID BUS 1 to ID AlP15.50 to ID AlJ7.38 to ID P10-130 (S301-23)

Step 149

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.39 to ground. 28.0Vdc is applied to pin J2.29, J1.41, J2.8 and J2.38. The output measured at pin J1.7should be greater than 13.0Vdc with respect to ground.

Connection Path is as follows:

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See	"UUT	Power"
See	O O.T.	Power

From ID A1P10.1

From ID P11-164 (S506-3)

See "UUT Power"	
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID AlJ12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W2 P2-41 (UUT J1-41)	to W2 P1B-12D
From ID J2B-12D	to ID A1J12.33
From ID A1P12.33	to ID P12-26 (S202-15)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID AlJ14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From W1 P2-8 (UUT J2-8)	to W1 P1A-5E
From ID J1A-5E	to ID A1J14.17
From ID A1P14.17	to ID P13-87 (S202-10)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID AlJ9.2	to ID BUS 8
From W2 P2-7 (UUT J1-7)	to W2 P1B-8A
From ID J2B-8A	to ID A1J13.25
From ID A1P13.25	to ID P12-39 (S701-20)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID AlJ12.48	to ID A1J10.1
T TD 31D10 1	

to ID P11-162 (S506-2)

to ID A1P9.23

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From ID AlJ9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 150

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.39 to ground. 28.0Vdc is applied to pin J2.29, J1.41, J2.8, J2.38 and J2.30. Initiate Counter/Timer to measure the time interval between pins J2.30 and J2.7. When J2.30 increases past 5 volts, the output at pin J1.7 should drop to less than 0.5Vdc with respect to ground in between 190 and 725 msecs.

From I From I From I	ED P13-93 (S202-3) ED A1J14.49 ED A1P10.48 ED P11-115 (S510-7) ED A1J9.38	to ID to ID to ID	A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.38 BUS 5
From I From I From I	D A1J21.1	to ID to ID to ID	A1P21.1 A1J6.8 P10-162 (S501-2) A1P7.45 BUS 5
From I	72 P2-7 (UUT J1-7) D J2B-8A D A1P13.25	to ID	P1B-8A A1J13.25 P12-39 (S701-20)
From I From I From I	ED A1J12.48 ED A1P10.1 ED P11-193 (S506-6) ED A1J9.50	to ID to ID to ID	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.50 BUS 4
From I	D P19-19 (CT-IN2) D A1J22.1 D A1P6.10	to ID	A1P22.1 A1J6.10 P10-71 (S502-2)

	P10-38 (S502-6)			
From ID	A1J7.43	to	ID	BUS 4
	P2-30 (UUT J2-30)			P1B-4B
From ID				A1J12.17
From ID	A1P12.17	to	ID	P12-96 (S202-47)
	P12-59 (S202-1)			
				A1J10.10
	A1P10.10			P11-177 (S509-1) A1P9.36
	P11-207 (S509-7) A1J9.36			BUS 5
riom id	A107.30	20	דט	105 5
	P2-38 (UUT J2-38)			
From ID				A1J12.5
From ID	A1P12.5	to	ID	P12-17 (S201-23)
				P1A-1C
From ID				A1J14.5
From ID	A1P14.5	to	ID	P13-49 (S201-17)
From ID	P12-20 (S201-3)	to	ID	A1P12.46
From ID	A1J12.46	to	ID	A1J10.2
From ID	A1P10.2	to	ID	P11-39 (S507-1)
	,			A1P9.27
From ID	A1J9.27	to	ID	BUS 2
	P2-41 (UUT J1-41)			P1B-12D
	J2B-12D			A1J12.33
From ID	A1P12.33	to	ID	P12-26 (S202-15)
From ID	P13-93 (S202-3)	to	ID	A1P14.49
From ID	A1J14.49	to	ID	A1J10.48
	A1P10.48	to	ID	P11-52 (S510-1)
	P11-147 (S510-4)			A1P9.31
From ID	A1J9.31	to	ID	BUS 2
From W1	P2-8 (UUT J2-8)			P1A-5E
From ID				A1J14.17
From ID	A1P14.17	to	ID	P13-87 (S202-10)
From ID	P13-29 (S202-4)	to	ID	A1P14.50
From ID	A1J14.50	to	ID	A1J10.50
From ID	A1P10.50			P11-244 (S510-2)
	P11-147 (S510-4)	to	ID	A1P9.31
From ID	A1J9.31	to	ID	BUS 2
	P2-39 (UUT J2-39)			P1A-1E
From ID				A1J14.9
From ID	A1P14.9	to	ID	P13-17 (S201-26)
From ID	P12-80 (S201-2)			A1P12.40
From ID	A1J12.40	to	ID	A1J10.8
From ID	A1P10.8	to	ID	P11-139 (S508-2)

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From ID P11-205 (S508-10) to ID A1P9.2 From ID A1J9.2 to ID BUS 8

Step 151

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J1.41, J2.47, and J2.17. The output measured at pin J1.7 should be between 4.5Vdc and 5.5Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power" See "APPLY IC"

From W1 P2-29 (UUT J2-29) to W1 P1A-1C From ID J1A-1C to ID A1J14.5 From ID A1P14.5

to ID P13-49 (S201-17)

From ID P12-20 (S201-3) to ID A1P12.46 from ID A1J12.46 to ID A1J10.2 from ID A1P10.2 to ID P11-39 (S507-1) from ID P11-72 (S507-4) to ID A1P9.27 from ID A1J9.27 to ID BUS 2

From W2 P2-41 (UUT J1-41) to W2 P1B-12D to ID A1J12.33 From ID A1P12.33 to ID P12-26 (S202-15)

From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 to ID BUS 2

From ID A1J9.31 to ID BUS 2

From W1 P2-47 (UUT J2-47) to W1 P1A-3F to ID A1J14.14 to ID P13-18 (S201-35)

From W1 P2-17 (UUT J2-17) to W1 P1A-2B From ID J1A-2B to ID A1J14.4 From ID A1P14.4 to ID P13-48 (

From ID A1P14.4 to ID P13-48 (S201-12)

From ID P12-52 (S201-4) to ID A1P12.44 from ID A1J12.44 to ID A1J10.4 from ID A1P10.4 to ID P11-71 (S507-2) from ID P11-72 (S507-4) to ID A1P9.27 from ID A1J9.27 to ID BUS 2

From W2 P2-7 (UUT J1-7) to W2 P1B-8A from ID J2B-8A to ID A1J13.2 From ID J2B-8A to ID A1J13.25 From ID A1P13.25 to ID P12-39 (S701-20)

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From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 152

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J1.41, J2.47, J2.17, and J3.16. The output measured at pin J1.7 should be greater than 13.0Vdc with respect to ground.

From W1 P3-16 (UUT J3-16) From ID J1B-6C From ID A1P12.12	to W1 P1B-6C to ID A1J12.12 to ID P12-53 (S201-39)
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W2 P2-41 (UUT J1-41) From ID J2B-12D From ID A1P12.33 From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48	to ID A1J12.33 to ID P12-26 (S202-15) to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P9.31 to ID BUS 2

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From W1 P2-47 (UUT J2-47) From ID J1A-3F From ID A1P14.14	to W1 P1A-3F to ID A1J14.14 to ID P13-18 (S201-35)
From W1 P2-17 (UUT J2-17) From ID J1A-2B From ID A1P14.4	to W1 P1A-2B to ID A1J14.4 to ID P13-48 (S201-12)
From ID P12-52 (S201-4) From ID A1J12.44 From ID A1P10.4 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.44 to ID A1J10.4 to ID P11-71 (S507-2) to ID A1P9.27 to ID BUS 2
From W2 P2-7 (UUT J1-7) From ID J2B-8A From ID A1P13.25	to W2 P1B-8A to ID A1J13.25 to ID P12-39 (S701-20)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 153

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J1.41, J2.47, J2.17, and J3.16. Short pin J2.50 to ground. The output measured at pin J1.7 should be greater than 13.0Vdc with respect to ground.

From W1	P2-50 (UUT J2-50)	to	W1	P1B-6A
From ID	J1B-6A	to	ID	A1J12.10
From ID	A1P12.10	to	ID	P12-83 (S201-32)

From	ID	P12-80 (S201-2)	to	ID	A1P12.40
		A1J12.40			A1J10.8
		A1P10.8			P11-139 (S508-2)
		P11-205 (S508-10)			A1P9.2
From	ID	A1J9.2	to	ID	BUS 8
From	W1	P3-16 (UUT J3-16)	to	W1	P1B-6C
From	ID	J1B-6C	to	ID	A1J12.12
From	ID	A1P12.12	to	ID	P12-53 (S201-39)
From	W1	P2-29 (UUT J2-29)	t.o	W1	P1A-1C
		J1A-1C			A1J14.5
		A1P14.5			P13-49 (S201-17)
FLOIII	Tυ	AIPI4.5	LO	ΤD	P13-49 (S201-17)
П	TD	D12 20 /G201 2)		TD	71710 46
		P12-20 (S201-3)			A1P12.46
		A1J12.46			A1J10.2
		A1P10.2			P11-39 (S507-1)
From	ID	P11-72 (S507-4)	to	ID	A1P9.27
From	ID	A1J9.27	to	ID	BUS 2
From	W2	P2-41 (UUT J1-41)	to	W2	P1B-12D
		J2B-12D			A1J12.33
_		A1P12.33			P12-26 (S202-15)
110111	דב	AII 12.55	CO	דע	112 20 (5202 15)
From	TD	P13-93 (S202-3)	to	TD	A1P14.49
		A1J14.49			A1J10.48
		A1P10.48			P11-52 (S510-1)
		P11-147 (S510-4)			A1P9.31
From	ID	A1J9.31	to	ID	BUS 2
		P2-47 (UUT J2-47)			P1A-3F
From	ID	J1A-3F	to	ID	A1J14.14
From	ID	A1P14.14	to	ID	P13-18 (S201-35)
		P2-17 (UUT J2-17)			P1A-2B
From	ID	J1A-2B	to	ID	A1J14.4
From	ID	A1P14.4	to	ID	P13-48 (S201-12)
From	ID	P12-52 (S201-4)	to	ID	A1P12.44
From	ID	A1J12.44	to	ID	A1J10.4
From	ID	A1P10.4	to	ID	P11-71 (S507-2)
		P11-72 (S507-4)			A1P9.27
		AlJ9.27			BUS 2
FIOIII	ΙD	A109.27	LO	ΤD	BUS 2
From	C 147	P2-7 (UUT J1-7)	+ ~	C 147	P1B-8A
		J2B-8A			A1J13.25
From	ΙD	A1P13.25	to	ΙD	P12-39 (S701-20)
P	TD	D12 44 (G701 2)	+ ~	TD	1010 //0
		P12-44 (S701-2)			A1P12.48
		A1J12.48			A1J10.1
		A1P10.1			P11-162 (S506-2)
From	ID	P11-164 (S506-3)	to	ID	A1P9.23
From	ID	A1J9.23	to	ID	BUS 1

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From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 154

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.34, J2.61, J2.9, J1.42, J2.47, and J2.5. The output measured at pin J2.26 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
	to ID A1J10.2 to ID P11-39 (S507-1)
From W1 P2-34 (UUT J2-34) From ID J1A-5F From ID A1P14.18	to W1 P1A-5F to ID A1J14.18 to ID P13-89 (S202-18)
From ID P13-29 (S202-4) From ID A1J14.50 From ID A1P10.50 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1J10.50 to ID P11-244 (S510-2)
From W1 P2-61 (UUT J2-61) From ID J1B-7A From ID A1P12.7	to W1 P1B-7A to ID A1J12.7 to ID P12-82 (S201-29)
From W1 P2-9 (UUT J2-9) From ID J1A-1A From ID A1P14.1	to W1 P1A-1A to ID A1J14.1 to ID P13-47 (S201-9)
From W2 P2-42 (UUT J1-42)	to W2 P1A-1C

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From ID A1P14.34 to ID P13-58 (S202-17 From ID P13-93 (S202-3) to ID A1P14.49 From ID A1J14.49 to ID A1J10.48 From ID A1P10.48 to ID P11-52 (S510-1) From ID P11-147 (S510-4) to ID A1P9.31 From ID A1J9.31 to ID BUS 2 From W1 P2-47 (UUT J2-47) to W1 P1A-3F From ID J1A-3F to ID A1J14.14 From ID A1P14.14 to ID P13-18 (S201-35) From W1 P2-5 (UUT J2-5) to W1 P1B-14A From ID J1B-14A to ID A1J13.1	
From ID A1J14.49 to ID A1J10.48 From ID A1P10.48 to ID P11-52 (S510-1) From ID P11-147 (S510-4) to ID A1P9.31 From ID A1J9.31 to ID BUS 2 From W1 P2-47 (UUT J2-47) to W1 P1A-3F From ID J1A-3F to ID A1J14.14 From ID A1P14.14 to ID P13-18 (S201-35) From W1 P2-5 (UUT J2-5) to W1 P1B-14A)
From ID A1P10.48 From ID P11-147 (S510-4) From ID A1P9.31 From ID A1J9.31 From W1 P2-47 (UUT J2-47) From ID J1A-3F From ID A1P14.14 From ID A1P14.14 From W1 P2-5 (UUT J2-5) to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2 to W1 P1A-3F to ID A1J14.14 to ID P13-18 (S201-35)	
From ID P11-147 (S510-4) to ID A1P9.31 from ID A1J9.31 to ID BUS 2 From W1 P2-47 (UUT J2-47) to W1 P1A-3F from ID J1A-3F to ID A1J14.14 from ID A1P14.14 to ID P13-18 (S201-35) From W1 P2-5 (UUT J2-5) to W1 P1B-14A	
From ID AlJ9.31 to ID BUS 2 From W1 P2-47 (UUT J2-47) to W1 P1A-3F From ID J1A-3F to ID AlJ14.14 From ID AlP14.14 to ID P13-18 (S201-35) From W1 P2-5 (UUT J2-5) to W1 P1B-14A	
From W1 P2-47 (UUT J2-47) to W1 P1A-3F to ID A1J14.14 from ID A1P14.14 to ID P13-18 (S201-35) from W1 P2-5 (UUT J2-5) to W1 P1B-14A	
From ID J1A-3F to ID A1J14.14 From ID A1P14.14 to ID P13-18 (S201-35 From W1 P2-5 (UUT J2-5) to W1 P1B-14A	
From ID A1P14.14 to ID P13-18 (S201-35) From W1 P2-5 (UUT J2-5) to W1 P1B-14A	
From W1 P2-5 (UUT J2-5) to W1 P1B-14A	
)
From ID J1B-14A to ID A1J13.1	
From ID A1P13.1 to ID P12-79 (S201-5)	
From W1 P2-26 (UUT J2-26) to W1 P1A-6C	
From ID J1A-6C to ID A1J15.12	
From ID A1P15.12 to ID P13-74 (S701-34)
From ID P12-44 (S701-2) to ID A1P12.48	
From ID A1J12.48 to ID A1J10.1	
From ID AlP10.1 to ID P11-162 (S506-2)
From ID P11-164 (S506-3) to ID A1P9.23	
From ID A1J9.23 to ID BUS 1	
From ID P20-2 (DMM-HI) to ID A1P15.49	
From ID AlJ15.49 to ID AlJ8.28	
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13	
From ID AlJ6.13 to ID BUS 1	
From ID P20-3 (DMM-LO) to ID A1P15.50	
From ID AlJ15.50 to ID AlJ7.38	
From ID A1P7.38 to ID P10-130 (S301-2	3)
From ID P10-229 (S301-24) to ID A1P7.36	
From ID AlJ7.36 to GROUND	

Step 155

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.34, J2.61, J2.9, J1.42, J2.47, and J2.5. Short pins J3.22 and J2.40 to ground. The output measured at pin J2.26 should be greater than 13.0Vdc with respect to ground.

From	W1	P3-22 (UUT J3-22)	to	W1	P1A-3E
From	ID	J1A-3E	to	ID	A1J14.13
From	ID	A1P14.13	to	ID	P13-19 (S201-34)

From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID AlJ9.2	to ID BUS 8
FIOR ID A107.2	CO 1D BOS 0
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
FIOM ID AIF14.5	CO ID FIS 49 (SZ01 17)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID AlJ12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
FION ID AIO9.27	CO ID BOS 2
From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)
FIOM ID AIFI4.10	CO ID F13 09 (5202 10)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID AlJ14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
riom id Aioy. 31	CO 1D BOS 2
From W1 P2-61 (UUT J2-61)	to W1 P1B-7A
From ID J1B-7A	to ID A1J12.7
From ID A1P12.7	to ID P12-82 (S201-29)
From W1 P2-9 (UUT J2-9)	to W1 P1A-1A
From ID J1A-1A	to ID A1J14.1
From ID A1P14.1	to ID P13-47 (S201-9)
From W2 P2-42 (UUT J1-42)	to W2 P1A-1C
From ID J2A-1C	to ID A1J14.34
From ID A1P14.34	to ID P13-58 (S202-17)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
D	L. M. D.
From W1 P2-47 (UUT J2-47)	to W1 P1A-3F
From ID J1A-3F	to ID A1J14.14
From ID AlP14.14	to ID P13-18 (S201-35)
From W1 P2-5 (UUT J2-5)	to W1 P1B-14A
From ID J1B-14A	to ID AlJ13.1
From ID AlP13.1	to ID P12-79 (S201-5)
IIOM ID DIEID'I	CO ID FIZ-19 (920I-3)
From W1 P2-26 (UUT J2-26)	to W1 P1A-6C
From ID J1A-6C	to ID A1J15.12
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From ID A1P15.12	to ID P13-74 (S701-34)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 156

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.34, J2.9, J1.42, J2.47, and J2.5. Short pins J3.22 and J2.40 to ground. The output measured at pin J2.26 should be less than 0.5Vdc with respect to ground.

From W1 P3-22 (UUT J3-22)	
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
From ID P12-80 (S201-2)	to ID AlP12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID AlJ12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P2-34 (UUT J2-34)	to W1 P1A-5F

From ID				A1J14.18 P13-89 (S202-18)
From ID 2	A1J14.50 A1P10.50 P11-147 (S510-4)	to to to	ID ID ID	A1P14.50 A1J10.50 P11-244 (S510-2) A1P9.31 BUS 2
From W1 1 From ID 7	·	to	ID	P1A-1A A1J14.1 P13-47 (S201-9)
From W2 1 From ID 6		to	ID	P1A-1C A1J14.34 P13-58 (S202-17)
From ID 7	A1P10.48 P11-147 (S510-4)	to to to	ID ID ID	A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2
From W1 From ID From ID		to	ID	P1A-3F A1J14.14 P13-18 (S201-35)
From W1 From ID From ID		to	ID	P1B-14A A1J13.1 P12-79 (S201-5)
From W1 From ID From I		to	ID	P1A-6C A1J15.12 P13-74 (S701-34)
From ID 7	A1P10.1 P11-164 (S506-3)	to to to	ID ID ID	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1
From ID 7	A1P8.28 P10-77 (S503-3)	to to to	ID ID ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
From ID 7	A1P7.38 P10-229 (S301-24)	to to to	ID ID ID	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36 DUND

Date: 04 March 2016

Step 157

Description:

This step applies 15.0 Vdc to pin J3.30, and -15.0 Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.27, J2.9, J1.41, J2.13, and J2.5. The output measured at pin J2.26 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

The W1 D2 20 (THIR T2 20)	L- W1 D17 10
From W1 P2-29 (UUT J2-29)	
From ID J1A-1C From ID A1P14.5	to ID A1J14.5
From ID AIP14.5	to ID P13-49 (S201-17)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P2-27 (UUT J2-27)	to W1 P1B-14C
From ID J1B-14C	to ID A1J13.5
From ID A1P13.5	to ID P12-14 (S201-13)
From W1 P2-9 (UUT J2-9)	to W1 P1A-1A
From ID J1A-1A	to ID A1J14.1
From ID A1P14.1	to ID P13-47 (S201-9)
From W2 P2-41 (UUT J1-41)	to W2 P1B-12D
From ID J2B-12D	to ID A1J12.33
From ID A1P12.33	to ID P12-26 (S202-15)
,	to ID AlP14.49
From ID AlJ14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	
From ID A1J9.31	to ID BUS 2
Eron W1 D2 12 /IIII T2 12\	+
From W1 P2-13 (UUT J2-13) From ID J1B-14B	to ID AlJ13.3
From ID A1P13.3	to ID P12-46 (S201-7)
LION ID AIRIS.S	CO ID PIZ-40 (5201-7)

From W1 P2-26 (UUT J2-26) to W1 P1A-6C From ID J1A-6C to ID A1J15.12 From ID A1P15.12

From ID J1B-14A

From ID A1P13.1

From ID P12-44 (S701-2) to ID A1P12.48

to ID A1J13.1 to ID P12-79 (S201-5)

to ID P13-74 (S701-34)

From W1 P2-5 (UUT J2-5) to W1 P1B-14A

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From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 158

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.27, J2.9, J1.41, J2.13, J2.5, and J2.38. Short pin J2.39 to ground. The output measured at pin J2.26 should be greater than 13.0Vdc with respect to ground.

From I	1 P2-39 (UUT J2-39) D J1A-1E	to	ID	P1A-1E A1J14.9
-	D A1P14.9			P13-17 (S201-26)
	D P12-80 (S201-2)			
-	D A1J12.40			A1J10.8
_	D A1P10.8			P11-139 (S508-2)
	D P11-205 (S508-10)			A1P9.2
From I	D A1J9.2	to	ID	BUS 8
From W	1 P2-38 (UUT J2-38)	to	W1	P1B-8B
From I	D J1B-8B	to	ID	A1J12.5
From I	D A1P12.5	to	ID	P12-17 (S201-23)
From W	1 P2-29 (UUT J2-29)	to	W1	P1A-1C
From I	D J1A-1C	to	ID	A1J14.5
From I	D A1P14.5	to	ID	P13-49 (S201-17)
From I	D P12-20 (S201-3)	to	ID	A1P12.46
From I	D A1J12.46	to	ID	A1J10.2
From I	D A1P10.2	to	ID	P11-39 (S507-1)
From I	D P11-72 (S507-4)	to	ID	A1P9.27
From I	D A1J9.27	to	ID	BUS 2

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From W1 P2-27 (UUT J2-27)	to W1 P1B-14C
From ID J1B-14C	to ID A1J13.5
From ID A1P13.5	to ID P12-14 (S201-13)
From W1 P2-9 (UUT J2-9)	to W1 P1A-1A
From ID J1A-1A	to ID AlJ14.1
From ID A1P14.1	to ID P13-47 (S201-9)
From W2 P2-41 (UUT J1-41)	to W2 P1B-12D
From ID J2B-12D	to ID A1J12.33
From ID A1P12.33	to ID P12-26 (S202-15)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID AlJ14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P2-13 (UUT J2-13)	
From ID J1B-14B	to ID A1J13.3
From ID A1P13.3	to ID P12-46 (S201-7)
From W1 P2-5 (UUT J2-5)	to W1 P1B-14A
From ID J1B-14A	to ID A1J13.1
From ID A1P13.1	to ID P12-79 (S201-5)
From W1 P2-26 (UUT J2-26)	to W1 P1A-6C
From ID J1A-6C	to ID A1J15.12
From ID A1P15.12	to ID P13-74 (S701-34)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 159

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.9,

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J1.41, J2.13, J2.5 and J2.38. Short pin J2.39 to ground. The output measured at pin J2.26 should be less than 0.5 Vdc with respect to ground.

See "UUT Power"	
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID AlJ9.2	to ID BUS 8
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID AlJ12.5
From ID A1P12.5	to ID P12-17 (S201-23)
IIOM ID AIII2.5	CO 1D 112 17 (D201 23)
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P2-9 (UUT J2-9)	to W1 P1A-1A
From ID J1A-1A	to ID A1J14.1
From ID A1P14.1	to ID P13-47 (S201-9)
	, ,
From W2 P2-41 (UUT J1-41)	to W2 P1B-12D
From ID J2B-12D	to ID A1J12.33
From ID A1P12.33	to ID P12-26 (S202-15)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID AlJ14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID Alp9.31
From ID A1J9.31	to ID BUS 2
110111 110 1110 9:31	20 10 000 2
From W1 P2-13 (UUT J2-13)	to W1 P1B-14B
From ID J1B-14B	to ID AlJ13.3
From ID A1P13.3	to ID P12-46 (S201-7)
IIOM ID AIIIO.	CO 1D 112 10 (D201-7)
From W1 P2-5 (UUT J2-5)	to W1 P1B-14A
From ID J1B-14A	to ID A1J13.1
From ID A1P13.1	to ID P12-79 (S201-5)
110 12 1111 10.1	
From W1 P2-26 (UUT J2-26)	to W1 P1A-6C
110 W1 12 20 (001 02 20)	CO WI LIV OC

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From ID J1A-6C	to ID A1J15.12
From ID A1P15.12	to ID P13-74 (S701-34)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 160

Description:

From ID AlJ14.49

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.27, J1.42, J2.38, and J2.5. The output measured at pin J2.26 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"	
Dee Affili ie	
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P2-61 (UUT J2-61)	to W1 P1B-7A
From ID J1B-7A	to ID A1J12.7
From ID A1P12.7	to ID P12-82 (S201-29)
From W2 P2-42 (UUT J1-42)	to W2 P1A-1C
From ID J2A-1C	to ID A1J14.34
From ID A1P14.34	to ID P13-58 (S202-17)
From ID P13-93 (S202-3)	to ID A1P14.49

to ID A1J10.48

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From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)
From W1 P2-5 (UUT J2-5)	to W1 P1B-14A
From ID J1B-14A	to ID A1J13.1
From ID A1P13.1	to ID P12-79 (S201-5)
From W1 P2-26 (UUT J2-26)	to W1 P1A-6C
From ID J1A-6C	to ID A1J15.12
From ID A1P15.12	to ID P13-74 (S701-34)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 161

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.27, J1.42, J2.38, J2.5, J2.19 (for 2 seconds and then open), and J2.9. Short pin J2.39 to ground. The output measured at pin J2.26 should be greater than 13.0Vdc with respect to ground.

Connection Path is as follows:
See "UUT Power"
See "APPLY IC"

From W1 P2-39 (UUT J2-39) to W1 P1A-1E

From ID J1A-1E to ID A1J14.9 From ID A1P14.9 to ID P13-17 (S201-26)

From ID P12-80 (S201-2) to ID A1P12.40 From ID A1J12.40 to ID A1J10.8

From ID	A1P10.8	to	ID	P11-139 (S508-2)
	P11-205 (S508-10)			
From ID				BUS 8
From W1	P2-19 (UUT J2-19)	to	W1	P1B-13C
From ID	J1B-13C	to	ID	A1J13.6
From ID	A1P13.6	to	ID	P12-78 (S201-14)
From ID	P12-52 (S201-4)	to	ID	A1P12.44
From ID	A1J12.44	to	ID	A1J10.4
From ID	A1P10.4	to	ID	P11-71 (S507-2)
From ID	P11-72 (S507-4)	to	ID	A1P9.27
From ID	A1J9.27	to	ID	BUS 2
	DO 0 (17777 TO 0)			D12 12
	P2-9 (UUT J2-9)			P1A-1A
From ID				A1J14.1
From ID	A1P14.1	to	TD	P13-47 (S201-9)
From W1	P2-29 (UUT J2-29)	tο	₩1	P1A-1C
From ID				A1J14.5
	A1P14.5			P13-49 (S201-17)
IIOM ID	1111 11.5	20	דד	115 15 (8201 17)
From ID	P12-20 (S201-3)	to	ID	A1P12.46
	A1J12.46	to	ID	A1J10.2
From ID	A1P10.2	to	ID	P11-39 (S507-1)
From ID	P11-72 (S507-4)	to	ID	A1P9.27
From ID	A1J9.27	to	ID	BUS 2
	P2-61 (UUT J2-61)			P1B-7A
From ID				A1J12.7
From ID	A1P12.7	to	ID	P12-82 (S201-29)
From W2	P2-42 (UUT J1-42)	t o	W 2	P1A-1C
From ID				A1J14.34
From ID	A1P14.34			P13-58 (S202-17)
				,
From ID	P13-93 (S202-3)	to	ID	A1P14.49
From ID	A1J14.49	to	ID	A1J10.48
From ID	A1P10.48	to	ID	P11-52 (S510-1)
From ID	P11-147 (S510-4)	to	ID	A1P9.31
From ID	A1J9.31	to	ID	BUS 2
	- 0 00 /0 00)			-4- 0-
	P2-38 (UUT J2-38)			P1B-8B
From ID				A1J12.5
From ID	A1P12.5	τo	ΤŊ	P12-17 (S201-23)
Fr∩m W1	P2-5 (UUT J2-5)	tο	W 1	P1B-14A
	J1B-14A			A1J13.1
	A1P13.1			P12-79 (S201-5)
3 			_	/
From W1	P2-26 (UUT J2-26)	to	W1	P1A-6C
From ID				A1J15.12
From ID	A1P15.12	to	ID	P13-74 (S701-34)

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From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 162

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.27, J1.42, J2.38, J2.5, and J2.9. Short pins J2.39 and J2.12 to ground. The output measured at pin J2.26 should be less than 0.5Vdc with respect to ground.

From W1 P2-12 (UUT J2-12) From ID J1B-8A From ID A1P12.4	to W1 P1B-8A to ID A1J12.4 to ID P12-18 (S201-22)
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P2-9 (UUT J2-9) From ID J1A-1A From ID A1P14.1 From W1 P2-29 (UUT J2-29) From ID J1A-1C	to W1 P1A-1A to ID A1J14.1 to ID P13-47 (S201-9) to W1 P1A-1C to ID A1J14.5
From ID A1P14.5 From ID P12-20 (S201-3)	to ID P13-49 (S201-17)

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From	ID	A1J12.46	to	ID	A1J10.2
From	ID	A1P10.2	to	ID	P11-39 (S507-1)
From	ID	P11-72 (S507-4)	to	ID	A1P9.27
		A1J9.27	to	ID	BUS 2
From	W1	P2-61 (UUT J2-61)	to	W1	P1B-7A
From	ID	J1B-7A	to	ID	A1J12.7
From	ID	A1P12.7	to	ID	P12-82 (S201-29)
${\tt From}$	W2	P2-42 (UUT J1-42)	to	W2	P1A-1C
From	ID	J2A-1C	to	ID	A1J14.34
${\tt From}$	ID	A1P14.34	to	ID	P13-58 (S202-17)
${\tt From}$	ID	P13-93 (S202-3)	to	ID	A1P14.49
From	ID	A1J14.49	to	ID	A1J10.48
From	ID	A1P10.48	to	ID	P11-52 (S510-1)
From	ID	P11-147 (S510-4)	to	ID	A1P9.31
From	ID	A1J9.31	to	ID	BUS 2
${\tt From}$	W1	P2-38 (UUT J2-38)			P1B-8B
From	ID	J1B-8B	to	ID	A1J12.5
${\tt From}$	ID	A1P12.5	to	ID	P12-17 (S201-23)
		P2-5 (UUT J2-5)			P1B-14A
		J1B-14A			A1J13.1
From	ID	A1P13.1	to	ID	P12-79 (S201-5)
_		-0.05 (0.05)			717 60
		P2-26 (UUT J2-26)			P1A-6C
		J1A-6C			A1J15.12
From	ID	A1P15.12	to	ID	P13-74 (S701-34)
Erom	TD	P12-44 (S701-2)	+ 0	TD	A1P12.48
		A1J12.48			A1J10.1
		A1012.46 A1P10.1			
		P11-164 (S506-3)			P11-162 (S506-2) A1P9.23
_		A1J9.23			BUS 1
FIOIII	דט	A109.23	LU	ΙD	DUD I
From	TD	P20-2 (DMM-HI)	t o	TD	A1P15.49
		A1J15.49			A1J8.28
		A1P8.28			P10-203 (S503-1)
		P10-77 (S503-3)			A1P6.13
		A1J6.13			BUS 1
FIOIII	ΙD	A100.13	LO	ID	DUS I
From	TD	P20-3 (DMM-LO)	t.o	TD	A1P15.50
		A1J15.50			A1J7.38
		A1P7.38			P10-130 (S301-23)
		P10-229 (S301-24)			A1P7.36
		A1J7.36			OUND
1 1 0111	ســ			J1((

Step 163

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and

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J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.27, J1.42, J2.38, J2.5, and J2.9. Short pins J2.39 and J2.12 to ground. Momentarily connect J2.16 to J2.44. The output measured at pin J2.26 should be greater than 13.0Vdc with respect to ground.

From W1 P2-16 (UUT J2-16)	to W1 P1A-12D
	to ID A1J11.9
	to ID P11-43 (S301-154)
From ID P11-233 (S301-153)	
From ID AlJ11.11	to ID A1J2.15 (DC2-HI J3-30)
From W1 P2-12 (UUT J2-12)	to W1 D1R-8A
From ID J1B-8A	to ID A1J12.4
From ID A1P12.4	to ID P12-18 (S201-22)
FIOM ID AIPIZ.4	(5201-22)
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
FIOM ID AIP14.9	to 1D P13-17 (5201-20)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	· · · · · · · · · · · · · · · · · · ·
From ID A1J9.2	to ID BUS 8
From W1 P2-9 (UUT J2-9)	to W1 P1A-1A
From ID J1A-1A	to ID AlJ14.1
From ID A1P14.1	to ID P13-47 (S201-9)
FIOM ID AIPI4.I	CO 1D P13-47 (5201-9)
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID AlJ14.5
From ID A1P14.5	to ID P13-49 (S201-17)
TIOM ID MITTIES	00 10 113 10 (0201 17)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	
From ID A1J9.27	to ID BUS 2
FIOR ID A109.27	CO 1D B05 Z
From W1 P2-61 (UUT J2-61)	to W1 P1B-7A
From ID J1B-7A	to ID A1J12.7
From ID A1P12.7	to ID P12-82 (S201-29)
110111 12 111112.7	00 15 112 02 (5201 25)
From W2 P2-42 (UUT J1-42)	to W2 P1A-1C
From ID J2A-1C	to ID A1J14.34
From ID A1P14.34	to ID P13-58 (S202-17)
	V /
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID AlP9.31
(/	

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From ID AlJ9.31	to ID BUS 2
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID AlJ12.5
From ID A1P12.5	to ID P12-17 (S201-23)
From W1 P2-5 (UUT J2-5)	to W1 P1B-14A
From ID J1B-14A	to ID A1J13.1
From ID A1P13.1	to ID P12-79 (S201-5)
From W1 P2-26 (UUT J2-26)	to W1 P1A-6C
From ID J1A-6C	to ID A1J15.12
From ID A1P15.12	to ID P13-74 (S701-34)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
· · · · · · · · · · · · · · · · · · ·	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
,	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 164

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.27, J1.42, J2.38, J2.5, and J2.9. Short pins J2.39, J2.12, and J2.56 to ground. Initiate Counter/Timer to measure the time interval between pins J2.56 and J2.26. When J2.56 decreases past 5 volts, the output at pin J2.26 should drop to less than 0.5Vdc with respect to ground in between 190 and 725 msecs.

From CT-RTN	to ID A1J6.9
From ID A1P6.9	to ID P10-94 (S402-1)
From ID P10-253 (S402-5)	to ID A1P6.22
From ID A1J6.22	to ID BUS 8
From W1 P2-30 (UUT J2-30)	to W1 P1B-4B
From ID J1B-4B	to ID A1J12.17

From ID A1P12	.17	to	ID	P12-96 (S202-47)
From ID P12-59	9 (S202-1)	to	TD	A1P12.38
From ID A1J12				A1J10.10
From ID A1012				P11-177 (S509-1)
	07 (S509-7)			A1P9.36
From ID A1J9.	36	to	ID	BUS 5
From ID P19-18	8 (CT-IN1)	to	ID	A1P21.1
From ID A1J21	.1	to	ID	A1J6.8
From ID A1P6.	8	to	ID	P10-162 (S501-2)
From ID P10-1	61 (S501-7)	to	ID	A1P7.45
From ID A1J7.				BUS 5
From W1 D2-26	(UUT J2-26)	t o	₩1	D1 A - 6C
From ID J1A-60				A1J15.12
From ID A1P15	.12	to	TD	P13-74 (S701-34)
	4 (S701-2)			A1P12.48
From ID A1J12	.48	to	ID	A1J10.1
From ID A1P10	.1	to	ID	P11-162 (S506-2)
From ID P11-19	93 (S506-6)	to	ID	A1P9.50
From ID A1J9.	50	to	ID	BUS 4
From ID P19-1	9 (CT-IN2)	to	TD	A1P22.1
From ID A1J22				A1J6.10
From ID A196.				P10-71 (S502-2)
From ID P10-3				A1P7.43
From ID A1J7.	±3	to	TD	BUS 4
From W1 P2-56	(UUT J2-56)	to	W1	P1B-11D
From ID J1B-1	1D	to	ID	A1J13.16
From ID A1P13	.16	to	ID	P12-6 (S701-21)
From ID P12-7	б (S701-1)	to	ID	A1P12.50
From ID A1J12	.50	to	ID	A1J10.3
From ID A1P10				P11-194 (S506-1)
From ID P11-3				A1P9.10
From ID AlJ9.				BUS 8
From ID P12-5				A1P12.38
From ID A1J12		to	ID	A1J10.10
From ID A1P10	.10	to	ID	P11-177 (S509-1)
From ID P11-1	7 (S509-4)	to	ID	A1P9.29
From ID A1J9.				BUS 2
From W1 P2-12	(111117 , 172–17)	t o	W1	P1B-8A
From ID J1B-82				A1J12.4
From ID A1P12				P12-18 (S201-22)
FIOM ID AIPIZ	• 1		דע	FIZ-IO (9Z0I-ZZ)
From W1 P2-39				P1A-1E
From ID J1A-1				A1J14.9
From ID A1P14	.9	to	ID	P13-17 (S201-26)

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From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P2-9 (UUT J2-9) From ID J1A-1A From ID A1P14.1	to W1 P1A-1A to ID A1J14.1 to ID P13-47 (S201-9)
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W1 P2-61 (UUT J2-61) From ID J1B-7A From ID A1P12.7	to W1 P1B-7A to ID A1J12.7 to ID P12-82 (S201-29)
From W2 P2-42 (UUT J1-42) From ID J2A-1C From ID A1P14.34	to W2 P1A-1C to ID A1J14.34 to ID P13-58 (S202-17)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23)
From W1 P2-5 (UUT J2-5) From ID J1B-14A From ID A1P13.1	to W1 P1B-14A to ID A1J13.1 to ID P12-79 (S201-5)

Step 165

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.27, J1.42, J2.47, and J2.8. Short pins J2.40, J3.22, and J2.39 to ground. The output measured at pin J2.26 should be greater than 13.0Vdc with respect to ground.

See	"APPLY	IC"
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From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
110 12 1110,712,	00 12 200 1
From W1 P2-27 (UUT J2-27)	to W1 P1B-14C
From ID J1B-14C	to ID A1J13.5
From ID A1P13.5	to ID P12-14 (S201-13)
From W2 P2-42 (UUT J1-42)	to W2 P1A-1C
From ID J2A-1C	to ID A1J14.34
From ID A1P14.34	to ID P13-58 (S202-17)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID AlP14.11	to ID P13-51 (S201-28)
D	L . 111 D17 2D
From W1 P2-47 (UUT J2-47)	to W1 P1A-3F
From ID J1A-3F	to ID A1J14.14
From ID A1P14.14	to ID P13-18 (S201-35)
From W1 P2-8 (UUT J2-8)	to W1 P1A-5E
From ID J1A-5E	to ID A1J14.17
From ID A1P14.17	to ID P13-87 (S202-10)
110 10 1111 11.11	00 10 110 01 (0202 10)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID P13-29 (S202-4) From ID A1J14.50	to ID A1P14.50 to ID A1J10.50

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From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P2-26 (UUT J2-26) From ID J1A-6C From ID A1P15.12	to W1 P1A-6C to ID A1J15.12 to ID P13-74 (S701-34)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 166

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.27, J1.42, J2.47, and J2.8. Short pins J3.22, J2.39, and J2.46 to ground. The output measured at pin J2.26 should be less than 0.5Vdc with respect to ground.

From W1 P2-46 (UUT J2-46)	to W1 P1B-7B
From ID J1B-7B	to ID A1J12.8
From ID A1P12.8	to ID P12-50 (S201-30)
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P2-27 (UUT J2-27)	to W1 P1B-14C

From ID J1B-14C From ID A1P13.5	to ID AlJ13.5 to ID P12-14 (S201-13)
From W2 P2-42 (UUT J1-42) From ID J2A-1C From ID A1P14.34	to W2 P1A-1C to ID A1J14.34 to ID P13-58 (S202-17)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From W1 P2-47 (UUT J2-47) From ID J1A-3F From ID A1P14.14	to W1 P1A-3F to ID A1J14.14 to ID P13-18 (S201-35)
From W1 P2-8 (UUT J2-8) From ID J1A-5E From ID A1P14.17	to W1 P1A-5E to ID A1J14.17 to ID P13-87 (S202-10)
From ID P13-29 (S202-4) From ID A1J14.50 From ID A1P10.50 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.50 to ID A1J10.50 to ID P11-244 (S510-2) to ID A1P9.31 to ID BUS 2
From W1 P2-26 (UUT J2-26) From ID J1A-6C From ID A1P15.12	to W1 P1A-6C to ID A1J15.12 to ID P13-74 (S701-34)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1

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From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 167

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.61, J1.41, J2.47, and J2.17. The output measured at pin J2.26 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID AlJ12.46	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W1 P2-61 (UUT J2-61) From ID J1B-7A From ID A1P12.7	to W1 P1B-7A to ID A1J12.7 to ID P12-82 (S201-29)
From W2 P2-41 (UUT J1-41) From ID J2B-12D From ID A1P12.33	to W2 P1B-12D to ID A1J12.33 to ID P12-26 (S202-15)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1J10.48 to ID P11-52 (S510-1)
From W1 P2-47 (UUT J2-47) From ID J1A-3F From ID A1P14.14 From W1 P2-17 (UUT J2-17)	to ID A1J14.14 to ID P13-18 (S201-35)

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From ID J1A-2B	to ID A1J14.4
From ID A1P14.4	to ID P13-48 (S201-12)
From ID P12-52 (S201-4)	to ID A1P12.44
From ID A1J12.44	to ID A1J10.4
From ID A1P10.4	to ID P11-71 (S507-2)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P2-26 (UUT J2-26)	to W1 P1A-6C
From ID J1A-6C	to ID A1J15.12
From ID A1P15.12	to ID P13-74 (S701-34)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 168

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.61, J1.41, J2.47, and J2.17. Connect J3.14 to J3.16. The output measured at pin J2.26 should be greater than 13.0Vdc with respect to ground.

From W1 P3-16 (UUT J3-16) From ID J1B-6C From ID A1P12.12	to W1 P1B-6C to ID A1J12.12 to ID P12-53 (S201-39)
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1)

	P11-72 (S507-4) A1J9.27			A1P9.27 BUS 2
From ID	•	to	ID	P1B-7A A1J12.7 P12-82 (S201-29)
From ID	P2-41 (UUT J1-41) J2B-12D A1P12.33	to	ID	P1B-12D A1J12.33 P12-26 (S202-15)
From ID From ID From ID	P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31	to to to	ID ID ID	A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2
From ID	P2-47 (UUT J2-47) J1A-3F A1P14.14	to	ID	P1A-3F A1J14.14 P13-18 (S201-35)
From ID	P2-17 (UUT J2-17) J1A-2B A1P14.4	to	ID	P1A-2B A1J14.4 P13-48 (S201-12)
From ID From ID From ID	P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27	to to to	ID ID ID	A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2
From ID	P2-26 (UUT J2-26) J1A-6C A1P15.12	to	ID	P1A-6C A1J15.12 P13-74 (S701-34)
From ID From ID From ID	P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23	to to to	ID ID ID	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1
From ID From ID From ID	P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13	to to to	ID ID ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
From ID From ID From ID	P20-3 (DMM-LO) A1J15.50 A1P7.38 P10-229 (S301-24) A1J7.36	to to to	ID ID ID	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36 DUND

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Step 169

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.9, J1.42, J2.47, and J2.62. Short pins J2.39, J3.22, and J2.40 to ground. The output measured at pin J2.23 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC" From W1 P2-29 (UUT J2-29) to W1 P1A-1C From ID J1A-1C to ID A1J14.5 From ID A1P14.5 to ID P13-49 (S201-17) From ID P12-20 (S201-3) to ID A1P12.46 from ID A1J12.46 to ID A1J10.2 from ID A1P10.2 to ID P11-39 (S507-1) from ID P11-72 (S507-4) to ID A1P9.27 from ID A1J9.27 to ID BUS 2 From W1 P2-9 (UUT J2-9) to W1 P1A-1A From ID J1A-1A to ID A1J14.1 From ID A1P14.1 to ID P13-47 (S201-9) From W2 P2-42 (UUT J1-42) to W2 P1A-1C From ID J2A-1C to ID A1J14.34 From ID A1P14.34 to ID P13-58 (S202-17) From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 to ID BUS 2 From W1 P2-47 (UUT J2-47) to W1 P1A-3F to ID A1J14.14 to ID P13-18 (S201-35) From W1 P2-62 (UUT J2-62) to W1 P1B-7C From ID J1B-7C to ID A1J12.9 From ID A1P12.9 to ID P12-19 to ID P12-19 (S201-31) From W1 P2-39 (UUT J2-39) to W1 P1A-1E from ID J1A-1E to ID A1J14.9 from ID A1P14.9 to ID P13-17 (S201-26) From ID P12-80 (S201-2) to ID A1P12.40 From ID A1J12.40 to ID A1J10.8 From ID A1P10.8 to ID P11-139 From ID P11-205 (S508-10) to ID A1P9.2 to ID P11-139 (S508-2)

Date: 04 March 2016

From ID	A1J9.2	to	ID	BUS 8
From ID	P3-22 (UUT J3-22) J1A-3E A1P14.13	to	ID	P1A-3E A1J14.13 P13-19 (S201-34)
From ID	P2-40 (UUT J2-40) J1A-1F A1P14.11	to	ID	P1A-1F A1J14.11 P13-51 (S201-28)
From ID	P2-23 (UUT J2-23) J1A-6A A1P15.10	to	ID	P1A-6A A1J15.10 P13-43 (S701-32)
From ID From ID From ID		to to to	ID ID ID	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1
From ID From ID From ID		to to to	ID ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
From ID From ID From ID		to to to	ID ID ID	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36 DUND

Step 170

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.9, J1.42, and J2.47. Short pins J2.39, J3.22, and J2.40 to ground. The output measured at pin J2.23 should be greater than 13.0Vdc with respect to ground.

From W1	P2-29 (UUT J2-29)	to	W1	P1A-1C
From ID	J1A-1C	to	ID	A1J14.5
From ID	A1P14.5	to	ID	P13-49 (S201-17)
From ID	P12-20 (S201-3)	to	ID	A1P12.46
From ID	A1J12.46	to	ID	A1J10.2
From ID	A1P10.2	to	ID	P11-39 (S507-1)
From ID	P11-72 (S507-4)	to	ID	A1P9.27
From ID	A1J9.27	to	ID	BUS 2

From					
I' I OIII	W1	P2-9 (UUT J2-9)	to	W1	P1A-1A
From	ID	J1A-1A	to	ID	A1J14.1
From	TD	A1P14.1			P13-47 (S201-9)
110111	דב	AII II, I	CO	ΙD	113 17 (5201))
Erom	TAT 2	P2-42 (UUT J1-42)	+ 0	TAT O	P1A-1C
		J2A-1C			
		· ·			A1J14.34
From	ID	A1P14.34	to	ID	P13-58 (S202-17)
		P13-93 (S202-3)			A1P14.49
From	ID	A1J14.49			A1J10.48
From	ID	A1P10.48	to	ID	P11-52 (S510-1)
From	ID	P11-147 (S510-4)	to	ID	A1P9.31
From	ID	A1J9.31	to	ID	BUS 2
From	W1	P2-47 (UUT J2-47)	to	W1	P1A-3F
From	ID	J1A-3F	to	ID	A1J14.14
		A1P14.14			P13-18 (S201-35)
110111	10	7111 11.11	00	10	113 10 (5201 33)
From	W1	P2-39 (UUT J2-39)	to	W1	P1A-1E
		J1A-1E			A1J14.9
		A1P14.9			P13-17 (S201-26)
FLOIII	ΙD	AIPI4.9	LO	ID	P13-17 (S201-20)
From	TD	P12-80 (S201-2)	t o	TD	A1P12.40
		A1J12.40			A1J10.8
		A1P10.8			P11-139 (S508-2)
		P11-205 (S508-10)			A1P9.2
From	ID	A1J9.2	to	ID	BUS 8
	T.77	DO 00 / FFFFFFF TO 00 \		T.77	
		P3-22 (UUT J3-22)			P1A-3E
From	ID	J1A-3E	to	ID	A1J14.13
From	ID		to	ID	
From From	ID	J1A-3E A1P14.13	to to	ID ID	AlJ14.13 P13-19 (S201-34)
From From From	ID ID W1	J1A-3E A1P14.13 P2-40 (UUT J2-40)	to to	ID ID W1	A1J14.13 P13-19 (S201-34) P1A-1F
From From From From	ID ID W1 ID	J1A-3E A1P14.13 P2-40 (UUT J2-40) J1A-1F	to to to	ID ID W1 ID	A1J14.13 P13-19 (S201-34) P1A-1F A1J14.11
From From From From	ID ID W1 ID	J1A-3E A1P14.13 P2-40 (UUT J2-40)	to to to	ID ID W1 ID	A1J14.13 P13-19 (S201-34) P1A-1F
From From From From	ID ID W1 ID	J1A-3E A1P14.13 P2-40 (UUT J2-40) J1A-1F A1P14.11	to to to to	ID ID W1 ID ID	AlJ14.13 P13-19 (S201-34) P1A-1F AlJ14.11 P13-51 (S201-28)
From From From From	ID ID W1 ID	J1A-3E A1P14.13 P2-40 (UUT J2-40) J1A-1F	to to to to	ID ID W1 ID ID	A1J14.13 P13-19 (S201-34) P1A-1F A1J14.11
From From From From From	ID ID W1 ID ID	J1A-3E A1P14.13 P2-40 (UUT J2-40) J1A-1F A1P14.11	to to to to	ID ID W1 ID ID	AlJ14.13 P13-19 (S201-34) P1A-1F AlJ14.11 P13-51 (S201-28)
From From From From From From	ID ID W1 ID ID W1 ID	J1A-3E A1P14.13 P2-40 (UUT J2-40) J1A-1F A1P14.11 P2-23 (UUT J2-23)	to to to to to	ID ID W1 ID ID W1 ID	A1J14.13 P13-19 (S201-34) P1A-1F A1J14.11 P13-51 (S201-28) P1A-6A
From From From From From From From	ID ID W1 ID ID W1 ID ID	J1A-3E A1P14.13 P2-40 (UUT J2-40) J1A-1F A1P14.11 P2-23 (UUT J2-23) J1A-6A A1P15.10	to to to to to	ID ID W1 ID ID ID ID	A1J14.13 P13-19 (S201-34) P1A-1F A1J14.11 P13-51 (S201-28) P1A-6A A1J15.10 P13-43 (S701-32)
From From From From From From From	ID ID W1 ID ID W1 ID ID	J1A-3E A1P14.13 P2-40 (UUT J2-40) J1A-1F A1P14.11 P2-23 (UUT J2-23) J1A-6A	to to to to to	ID ID W1 ID ID ID ID	A1J14.13 P13-19 (S201-34) P1A-1F A1J14.11 P13-51 (S201-28) P1A-6A A1J15.10
From From From From From From From From	ID ID W1 ID ID ID ID ID	J1A-3E A1P14.13 P2-40 (UUT J2-40) J1A-1F A1P14.11 P2-23 (UUT J2-23) J1A-6A A1P15.10	to to to to to	ID ID W1 ID ID ID ID ID	A1J14.13 P13-19 (S201-34) P1A-1F A1J14.11 P13-51 (S201-28) P1A-6A A1J15.10 P13-43 (S701-32)
From From From From From From From From	UD W1 ID ID ID ID ID	J1A-3E A1P14.13 P2-40 (UUT J2-40) J1A-1F A1P14.11 P2-23 (UUT J2-23) J1A-6A A1P15.10 P12-44 (S701-2)	to to to to to to	ID ID W1 ID ID ID ID	A1J14.13 P13-19 (S201-34) P1A-1F A1J14.11 P13-51 (S201-28) P1A-6A A1J15.10 P13-43 (S701-32) A1P12.48
From From From From From From From From	W1 ID ID ID ID ID	J1A-3E A1P14.13 P2-40 (UUT J2-40) J1A-1F A1P14.11 P2-23 (UUT J2-23) J1A-6A A1P15.10 P12-44 (S701-2) A1J12.48 A1P10.1	to to to to to to	UD W1 ID ID ID ID ID	AlJ14.13 P13-19 (S201-34) P1A-1F AlJ14.11 P13-51 (S201-28) P1A-6A AlJ15.10 P13-43 (S701-32) AlP12.48 AlJ10.1 P11-162 (S506-2)
From From From From From From From From	W1 ID ID ID ID ID ID	J1A-3E A1P14.13 P2-40 (UUT J2-40) J1A-1F A1P14.11 P2-23 (UUT J2-23) J1A-6A A1P15.10 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3)	to to to to to to to	W1 ID ID ID ID ID ID	AlJ14.13 P13-19 (S201-34) P1A-1F AlJ14.11 P13-51 (S201-28) P1A-6A AlJ15.10 P13-43 (S701-32) AlP12.48 AlJ10.1 P11-162 (S506-2) AlP9.23
From From From From From From From From	W1 ID ID ID ID ID ID	J1A-3E A1P14.13 P2-40 (UUT J2-40) J1A-1F A1P14.11 P2-23 (UUT J2-23) J1A-6A A1P15.10 P12-44 (S701-2) A1J12.48 A1P10.1	to to to to to to to	W1 ID ID ID ID ID ID	AlJ14.13 P13-19 (S201-34) P1A-1F AlJ14.11 P13-51 (S201-28) P1A-6A AlJ15.10 P13-43 (S701-32) AlP12.48 AlJ10.1 P11-162 (S506-2)
From From From From From From From From	UD W1 ID	J1A-3E A1P14.13 P2-40 (UUT J2-40) J1A-1F A1P14.11 P2-23 (UUT J2-23) J1A-6A A1P15.10 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23	to to to to to to to	W1 ID ID ID ID ID ID	A1J14.13 P13-19 (S201-34) P1A-1F A1J14.11 P13-51 (S201-28) P1A-6A A1J15.10 P13-43 (S701-32) A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1
From From From From From From From From	UD U	J1A-3E A1P14.13 P2-40 (UUT J2-40) J1A-1F A1P14.11 P2-23 (UUT J2-23) J1A-6A A1P15.10 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI)	to to to to to to to to	W1 ID ID ID ID ID ID ID ID	A1J14.13 P13-19 (S201-34) P1A-1F A1J14.11 P13-51 (S201-28) P1A-6A A1J15.10 P13-43 (S701-32) A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1 A1P15.49
From From From From From From From From	UD U	J1A-3E A1P14.13 P2-40 (UUT J2-40) J1A-1F A1P14.11 P2-23 (UUT J2-23) J1A-6A A1P15.10 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49	to to to to to to to to	W1 ID	A1J14.13 P13-19 (S201-34) P1A-1F A1J14.11 P13-51 (S201-28) P1A-6A A1J15.10 P13-43 (S701-32) A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1 A1P15.49 A1J8.28
From From From From From From From From	W1 ID	J1A-3E A1P14.13 P2-40 (UUT J2-40) J1A-1F A1P14.11 P2-23 (UUT J2-23) J1A-6A A1P15.10 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28	to	W1 ID	AlJ14.13 P13-19 (S201-34) P1A-1F AlJ14.11 P13-51 (S201-28) P1A-6A AlJ15.10 P13-43 (S701-32) A1P12.48 AlJ10.1 P11-162 (S506-2) A1P9.23 BUS 1 A1P15.49 AlJ8.28 P10-203 (S503-1)
From From From From From From From From	W1 ID	J1A-3E A1P14.13 P2-40 (UUT J2-40) J1A-1F A1P14.11 P2-23 (UUT J2-23) J1A-6A A1P15.10 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3)	to t	W1 ID	AlJ14.13 P13-19 (S201-34) P1A-1F AlJ14.11 P13-51 (S201-28) P1A-6A AlJ15.10 P13-43 (S701-32) AlP12.48 AlJ10.1 P11-162 (S506-2) AlP9.23 BUS 1 AlP15.49 AlJ8.28 P10-203 (S503-1) AlP6.13
From From From From From From From From	W1 ID	J1A-3E A1P14.13 P2-40 (UUT J2-40) J1A-1F A1P14.11 P2-23 (UUT J2-23) J1A-6A A1P15.10 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28	to t	W1 ID	AlJ14.13 P13-19 (S201-34) P1A-1F AlJ14.11 P13-51 (S201-28) P1A-6A AlJ15.10 P13-43 (S701-32) A1P12.48 AlJ10.1 P11-162 (S506-2) A1P9.23 BUS 1 A1P15.49 AlJ8.28 P10-203 (S503-1)
From From From From From From From From	W1 ID	J1A-3E A1P14.13 P2-40 (UUT J2-40) J1A-1F A1P14.11 P2-23 (UUT J2-23) J1A-6A A1P15.10 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13	to t	W1 ID	AlJ14.13 P13-19 (S201-34) P1A-1F AlJ14.11 P13-51 (S201-28) P1A-6A AlJ15.10 P13-43 (S701-32) AlP12.48 AlJ10.1 P11-162 (S506-2) AlP9.23 BUS 1 AlP15.49 AlJ8.28 P10-203 (S503-1) AlP6.13 BUS 1
From From From From From From From From	UD U	J1A-3E A1P14.13 P2-40 (UUT J2-40) J1A-1F A1P14.11 P2-23 (UUT J2-23) J1A-6A A1P15.10 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3)	to t	W1 ID	AlJ14.13 P13-19 (S201-34) P1A-1F AlJ14.11 P13-51 (S201-28) P1A-6A AlJ15.10 P13-43 (S701-32) AlP12.48 AlJ10.1 P11-162 (S506-2) AlP9.23 BUS 1 AlP15.49 AlJ8.28 P10-203 (S503-1) AlP6.13

Date: 04 March 2016

From ID A1P7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 171

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.61, J1.42, J2.5, J2.13, and J2.9. Short pins J3.22 and J2.40 to ground. The output measured at pin J2.23 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From W1 P2-29 (UUT J2-29) to W1 P1A-1C From ID J1A-1C to ID AlJ14.5 From ID A1P14.5 to ID P13-49 (S201-17)

From ID P12-20 (S201-3) to ID A1P12.46
From ID A1J12.46 to ID A1J10.2
From ID A1P10.2 to ID P11-39 (S507-1)
From ID P11-72 (S507-4) to ID A1P9.27
From ID A1J9.27 to ID BUS 2

From ID A1J9.27

From W1 P2-61 (UUT J2-61) to W1 P1B-7A From ID J1B-7A to ID A1J12.7 to ID P12-82 to ID A1J12.7 to ID P12-82 (S201-29)

From W2 P2-42 (UUT J1-42) to W2 P1A-1C from ID J2A-1C to ID A1J14.34 from ID A1P14.34

to ID P13-58 (S202-17)

From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 to ID BUS 2

From ID A1J9.31 to ID BUS 2

From W1 P2-5 (UUT J2-5) to W1 P1B-14A from ID J1B-14A to ID A1J13.1 from ID A1P13.1 to ID P12-79 (

to ID P12-79 (S201-5)

From W1 P2-13 (UUT J2-13) to W1 P1B-14B from ID J1B-14B to ID A1J13.3 to ID P12-46 (S201-7)

From W1 P2-9 (UUT J2-9) to W1 P1A-1A to ID A1J14.1 From ID J1A-1A to ID A1J14.1 From ID A1P14.1 to ID P13-47 (S201-9)

Date: 04 March 2016

From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From W1 P2-23 (UUT J2-23) From ID J1A-6A From ID A1P15.10	to W1 P1A-6A to ID A1J15.10 to ID P13-43 (S701-32)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 172

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J1.42, J2.5, J2.13, and J2.9. Short pins J3.22 and J2.40 to ground. The output measured at pin J2.23 should be greater than 13.0Vdc with respect to ground.

From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
From ID P12-20 (S201-3)	to ID A1P12.46

From ID	A1J12.46	to	ID	A1J10.2
	A1P10.2			P11-39 (S507-1)
	P11-72 (S507-4)			A1P9.27
From ID	A1J9.27	to	TD	BUS 2
From W2	P2-42 (UUT J1-42)	t.o	W2	P1A-1C
	J2A-1C			A1J14.34
_	A1P14.34			P13-58 (S202-17)
riom id	AIFI1.J1	CO	דד	113 30 (5202 17)
From ID	P13-93 (S202-3)	to	ID	A1P14.49
From ID	A1J14.49	to	ID	A1J10.48
From ID	A1P10.48	to	ID	P11-52 (S510-1)
From ID	P11-147 (S510-4)	to	ID	A1P9.31
	A1J9.31			BUS 2
110 12				
	P2-5 (UUT J2-5)			P1B-14A
From ID	J1B-14A	to	ID	A1J13.1
From ID	A1P13.1	to	ID	P12-79 (S201-5)
From W1	P2-13 (UUT J2-13)	t o	TAT 1	P1B-14B
	J1B-14B			
				A1J13.3
From ID	A1P13.3	to	TD	P12-46 (S201-7)
From W1	P2-9 (UUT J2-9)	to	W1	P1A-1A
From ID	J1A-1A	to	ID	A1J14.1
From ID	A1P14.1			P13-47 (S201-9)
From W1	P3-22 (UUT J3-22)	to	W1	P1A-3E
From ID	J1A-3E	to	ID	A1J14.13
From ID	A1P14.13	to	ID	P13-19 (S201-34)
	P12-80 (S201-2)			A1P12.40
	A1J12.40	to	ID	A1J10.8
From ID	A1P10.8	to	ID	P11-139 (S508-2)
From ID	P11-205 (S508-10)	to	ID	A1P9.2
From ID	A1J9.2	to	ID	BUS 8
From W1	P2-40 (UUT J2-40)	to	W1	P1A-1F
From ID	J1A-1F	to	ID	A1J14.11
From ID	A1P14.11	to	ID	P13-51 (S201-28)
From 141	D2 22 (IIIIm T2 22)	+ ~	ר דעד	D1
	P2-23 (UUT J2-23)			P1A-6A
	J1A-6A			A1J15.10
From ID	A1P15.10	to	ID	P13-43 (S701-32)
From ID	P12-44 (S701-2)	to	ID	A1P12.48
	A1J12.48			A1J10.1
	A1P10.1			P11-162 (S506-2)
	P11-164 (S506-3)			A1P9.23
From ID	A1J9.23	ŪΟ	ΤŊ	BUS 1
From ID	P20-2 (DMM-HI)	to	ID	A1P15.49
	A1J15.49			A1J8.28
	A1P8.28			P10-203 (S503-1)
110111 110	3.20		-1	(DJ05 I)

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From ID P10-77 (S503-3) to ID A1P6.13 from ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50 from ID A1J15.50 to ID A1J7.38 from ID A1P7.38 to ID P10-130 (S301-23) from ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 173

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J1.42, J2.5, and J2.9. Short pins J3.22 and J2.40 to ground. The output measured at pin J2.23 should be less than 0.5Vdc with respect to ground.

From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W2 P2-42 (UUT J1-42) From ID J2A-1C From ID A1P14.34	to W2 P1A-1C to ID A1J14.34 to ID P13-58 (S202-17)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P2-5 (UUT J2-5) From ID J1B-14A From ID A1P13.1	to W1 P1B-14A to ID A1J13.1 to ID P12-79 (S201-5)
From W1 P2-9 (UUT J2-9) From ID J1A-1A From ID A1P14.1	to W1 P1A-1A to ID A1J14.1 to ID P13-47 (S201-9)
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)

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From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From W1 P2-23 (UUT J2-23) From ID J1A-6A From ID A1P15.10	to W1 P1A-6A to ID A1J15.10 to ID P13-43 (S701-32)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID A1P8.28	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1J7.38 to ID P10-130 (S301-23)

Step 174

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.28, J1.42 J2.5, J2.47, and J2.8. Short pins J3.22 and J2.40 to ground. The output measured at pin J2.23 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From W1	P2-29 (UUT J2-29)	to	W1	P1A-1C
From ID	J1A-1C	to	ID	A1J14.5
From ID	A1P14.5	to	ID	P13-49 (S201-17)
From ID	P12-20 (S201-3)	to	ID	A1P12.46
From ID	A1J12.46	to	ID	A1J10.2
From ID	A1P10.2	to	ID	P11-39 (S507-1)
From ID	P11-72 (S507-4)	to	ID	A1P9.27

From	ID	A1J9.27	to	ID	BUS 2
Exom	T.7 1	D2 20 /IIIm T2 20\	+ 0	Tu7 1	P1B-9A
		P2-28 (UUT J2-28)			
		J1B-9A			A1J12.1
F'rom	ID	A1P12.1	to	ID	P12-48 (S201-15)
From	W2	P2-42 (UUT J1-42)	to	W2	P1A-1C
From	ID	J2A-1C	to	ID	A1J14.34
From	ID	A1P14.34	to	ID	P13-58 (S202-17)
From	ID	P13-93 (S202-3)	to	ID	A1P14.49
From	ID	A1J14.49	to	ID	A1J10.48
From	ID	A1P10.48	to	ID	P11-52 (S510-1)
_		P11-147 (S510-4)			A1P9.31
		A1J9.31			BUS 2
riom	ΙD	A10 7 . 31	CO	ΙD	D05 Z
		P2-5 (UUT J2-5)			P1B-14A
		J1B-14A			A1J13.1
From	ID	A1P13.1	to	ID	P12-79 (S201-5)
From	W1	P2-47 (UUT J2-47)	to	W1	P1A-3F
From	ID	J1A-3F	to	ID	A1J14.14
From	ID	A1P14.14	to	ID	P13-18 (S201-35)
From	W1	P2-9 (UUT J2-9)	to	W1	P1A-1A
		J1A-1A			A1J14.1
		A1P14.1			P13-47 (S201-9)
110111	דח	AIIIII	00	דב	113 17 (5201))
${\tt From}$	W1	P2-8 (UUT J2-8)	to	W1	P1A-5E
From	ID	J1A-5E	to	ID	A1J14.17
From	ID	A1P14.17	to	ID	P13-87 (S202-10)
From	ID	P13-29 (S202-4)	to	ID	A1P14.50
		A1J14.50			A1J10.50
		A1P10.50			P11-244 (S510-2)
		P11-147 (S510-4)			A1P9.31
					BUS 2
From	ID	A1J9.31	LO	ΙD	BUS 2
		P3-22 (UUT J3-22)			P1A-3E
		J1A-3E			A1J14.13
From	ID	A1P14.13	to	ID	P13-19 (S201-34)
		P12-80 (S201-2)	to	ID	A1P12.40
From	ID	A1J12.40	to	ID	A1J10.8
From	ID	A1P10.8	to	ID	P11-139 (S508-2)
		P11-205 (S508-10)			A1P9.2
		A1J9.2			BUS 8
		P2-40 (UUT J2-40)			P1A-1F
		J1A-1F			A1J14.11
From	ID	A1P14.11	to	ID	P13-51 (S201-28)
From	W1	P2-23 (UUT J2-23)	to	W1	P1A-6A
From	ID	J1A-6A	to	ID	A1J15.10

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From ID A1P15.10	to ID P13-43 (S701-32)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 175

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J1.42 J2.5, J2.47, and J2.8. Short pins J3.22 and J2.40 to ground. The output measured at pin J2.23 should be greater than 13.0Vdc with respect to ground.

From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W2 P2-42 (UUT J1-42) From ID J2A-1C From ID A1P14.34	to W2 P1A-1C to ID A1J14.34 to ID P13-58 (S202-17)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P2-5 (UUT J2-5)	to W1 P1B-14A

From ID J1B-14A From ID A1P13.1	to ID AlJ13.1 to ID P12-79 (S201-5)
From W1 P2-47 (UUT J2-47) From ID J1A-3F	to W1 P1A-3F to ID A1J14.14
From ID AlP14.14	to ID P13-18 (S201-35)
From W1 P2-9 (UUT J2-9)	to W1 P1A-1A
From ID J1A-1A	to ID A1J14.1
From ID A1P14.1	to ID P13-47 (S201-9)
From W1 P2-8 (UUT J2-8)	to W1 P1A-5E
From ID J1A-5E	to ID A1J14.17
From ID AlP14.17	to ID P13-87 (S202-10)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
From W1 P2-23 (UUT J2-23)	
From ID J1A-6A	to ID A1J15.10
From ID A1P15.10	to ID P13-43 (S701-32)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)

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From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND

Step 176

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.39 to ground. 28.0Vdc is applied to pin J2.29, J2.27, J1.42, J2.19 (for 2 seconds and then open), J2.13, J2.38, and J2.8. The output measured at pin J2.23 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From ID P12-20 (S201-3) to ID A1P12.46
From ID A1J12.46 to ID A1J10.2
From ID A1P10.2 to ID P11-39 (S507-1)
From ID P11-72 (S507-4) to ID A1P9.27
From ID A1J9.27 to ID BUS 2 From ID A1J9.27 to ID BUS 2

From W1 P2-61 (UUT J2-61) to W1 P1B-7A from ID J1B-7A to ID A1J12.7 to ID P12-82 (S201-29) From ID A1P12.7

From W2 P2-42 (UUT J1-42) to W2 P1A-1C From ID J2A-1C to ID A1J14.34 to ID P13-58 (S to ID P13-58 (S202-17)

From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31

From ID A1J9.31 to ID BUS 2

From W1 P2-19 (UUT J2-19) to W1 P1B-13C from ID J1B-13C to ID A1J13.6

From ID A1P13.6 to ID P12-78 (S201-14)

From ID P12-52 (S201-4) to ID A1P12.44
From ID A1J12.44 to ID A1J10.4
From ID A1P10.4 to ID P11-71 (S507-2)
From ID P11-72 (S507-4) to ID A1P9.27
From ID A1J9.27 to ID BUS 2

to ID BUS 2 From ID AlJ9.27

From W1 P2-39 (UUT J2-39) to W1 P1A-1E From ID J1A-1E From ID A1P14.9 to ID A1J14.9 to ID P13-17 (S201-26)

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From ID P12-80 (S20) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S5)	t t 08-10) t	io ID io ID io ID	A1P12.40 A1J10.8 P11-139 (S508-2) A1P9.2
From ID AlJ9.2 From W1 P2-13 (UUT of From ID J1B-14B) From ID AlP13.3	J2-13) t	o W1	P1B-14B A1J13.3 P12-46 (S201-7)
From W1 P2-38 (UUT of From ID J1B-8B From ID A1P12.5	t	o ID	P1B-8B A1J12.5 P12-17 (S201-23)
From W1 P2-8 (UUT J. From ID J1A-5E From ID A1P14.17	t	o ID	P1A-5E A1J14.17 P13-87 (S202-10)
From ID P13-29 (S20) From ID A1J14.50 From ID A1P10.50 From ID P11-147 (S5) From ID A1J9.31	t t 10-4)	io ID io ID io ID	A1P14.50 A1J10.50 P11-244 (S510-2) A1P9.31 BUS 2
From W1 P2-23 (UUT of From ID J1A-6A From ID A1P15.10	t	o ID	P1A-6A A1J15.10 P13-43 (S701-32)
From ID P12-44 (S70) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S5) From ID A1J9.23	t 06-3) t	io ID io ID io ID	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1
From ID P20-2 (DMM-1) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S50) From ID A1J6.13	t 3-3) t	io ID io ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
From ID P20-3 (DMM-From ID A1J15.50) From ID A1P7.38 From ID P10-229 (S3) From ID A1J7.36	t 01-24) t	o ID	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36

Step 177

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.39 to ground. 28.0Vdc is applied to pin J2.29, J1.42, J2.13, J2.38, and J2.8. The output measured at pin J2.23 should be greater than 13.0Vdc with respect to

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ground.

Connection Path is as follows: See "UUT Power" From W1 P2-29 (UUT J2-29) to W1 P1A-1C From ID J1A-1C to ID A1J14.5 From ID A1P14.5 to ID P13-49 (S201-17) From ID P12-20 (S201-3) to ID A1P12.46 from ID A1J12.46 to ID A1J10.2 from ID A1P10.2 to ID P11-39 (S507-1) from ID P11-72 (S507-4) to ID A1P9.27 from ID A1J9.27 to ID BUS 2 From W2 P2-42 (UUT J1-42) to W2 P1A-1C from ID J2A-1C to ID A1J14.34 from ID A1P14.34 to ID P13-58 (S202-17) From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J0.31 From ID A1J9.31 to ID BUS 2 From W1 P2-19 (UUT J2-19) to W1 P1B-13C From ID J1B-13C to ID A1J13.6 From ID A1P13.6 to ID P12-78 (S201-14) From ID P12-52 (S201-4) to ID A1P12.44 From ID P12-32 (S222)

From ID A1J12.44 to ID A1J10.4

From ID A1P10.4 to ID P11-71 (S507-2)

From ID P11-72 (S507-4) to ID A1P9.27

TO ID BUS 2 From W1 P2-39 (UUT J2-39) to W1 P1A-1E from ID J1A-1E to ID A1J14.9 from ID A1P14.9 to ID P13-17 (S201-26) From ID P12-80 (S201-2) to ID A1P12.40 from ID A1J12.40 to ID A1J10.8 from ID A1P10.8 to ID P11-139 (S508-2) from ID P11-205 (S508-10) to ID A1P9.2 to ID BUS 8 From ID A1J9.2 From W1 P2-13 (UUT J2-13) to W1 P1B-14B From ID J1B-14B to ID A1J13.3 to ID P12-46 (S201-7) From ID A1P13.3 From W1 P2-38 (UUT J2-38) to W1 P1B-8B From ID J1B-8B to ID A1J12.5 From ID A1P12.5 to ID P12-17 to ID P12-17 (S201-23)

From W1 P2-8 (UUT J2-8) to W1 P1A-5E

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From ID J1A-5E	to ID AlJ14.17
From ID A1P14.17	to ID P13-87 (S202-10)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P2-23 (UUT J2-23)	to W1 P1A-6A
From ID J1A-6A	to ID A1J15.10
From ID A1P15.10	to ID P13-43 (S701-32)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 178

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.39 to ground. 28.0Vdc is applied to pin J2.29, J1.42, J2.38, and J2.8. The output measured at pin J2.23 should be greater than 13.0Vdc with respect to ground.

From ID	P2-29 (UUT J2-29) J1A-1C A1P14.5	to	ID	P1A-1C A1J14.5 P13-49 (S201-17)
From ID From ID From ID	P12-20 (S201-3) A1J12.46 A1P10.2 P11-72 (S507-4) A1J9.27	to to to	ID ID ID	A1P12.46 A1J10.2 P11-39 (S507-1) A1P9.27 BUS 2
From W2	P2-42 (UUT J1-42)	to	W2	P1A-1C

From	TD	J2A-1C	tο	TD	A1J14.34
		A1P14.34			P13-58 (S202-17)
FLOIII	TD	A1P14.34	LO	ΤD	P13-56 (5202-17)
		P13-93 (S202-3)			A1P14.49
From	ID	A1J14.49	to	ID	A1J10.48
From	ID	A1P10.48	to	ID	P11-52 (S510-1)
		P11-147 (S510-4)			A1P9.31
		A1J9.31			BUS 2
FIOIII	ΙD	A109.31	LU	ΙD	BUS 2
_		-0.10 (
		P2-19 (UUT J2-19)			P1B-13C
From	ID	J1B-13C	to	ID	A1J13.6
From	ID	A1P13.6	to	ID	P12-78 (S201-14)
From	TD	P12-52 (S201-4)	tο	TD	A1P12.44
		A1J12.44			A1J10.4
		A1P10.4			
					P11-71 (S507-2)
		P11-72 (S507-4)			A1P9.27
From	ID	A1J9.27	to	ID	BUS 2
From	W1	P2-39 (UUT J2-39)	to	W1	P1A-1E
		J1A-1E	tο	TD	A1J14.9
		A1P14.9			P13-17 (S201-26)
riom	דב	AIF14.7	CO	עב	13 17 (5201 20)
_		-10 00 (3001 0)			-1-10 40
		P12-80 (S201-2)			A1P12.40
		A1J12.40			A1J10.8
From	ID	A1P10.8	to	ID	P11-139 (S508-2)
From	ID	P11-205 (S508-10)	to	ID	A1P9.2
		A1J9.2	to	ID	BUS 8
Erom	TAT 1	P2-38 (UUT J2-38)	+ ~	TAT 1	P1B-8B
		J1B-8B			A1J12.5
F'rom	TD	A1P12.5	to	TD	P12-17 (S201-23)
From	W1	P2-8 (UUT J2-8)	to	W1	P1A-5E
From	ID	J1A-5E	to	ID	A1J14.17
From	TD	A1P14.17	t.o	TD	P13-87 (S202-10)
					110 07 (2101 107
Exam	TD	P13-29 (S202-4)	+ ~	TD	71D14 E0
					A1P14.50
		A1J14.50			A1J10.50
From	ID	A1P10.50	to	ID	P11-244 (S510-2)
From	ID	P11-147 (S510-4)	to	ID	A1P9.31
From	ID	A1J9.31	to	ID	BUS 2
From	TAT 1	P2-23 (UUT J2-23)	t o	_{Тл} т 1	P1A-6A
		J1A-6A			A1J15.10
F'rom	TD	A1P15.10	to	TD	P13-43 (S701-32)
From	ID	P12-44 (S701-2)	to	ID	A1P12.48
From	ID	A1J12.48	to	ID	A1J10.1
		A1P10.1			P11-162 (S506-2)
		P11-164 (S506-3)			A1P9.23
T. T OIL				エレ	ATE 7.43
Erom				ΤD	
From		A1J9.23		ID	BUS 1
	ID		to		

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From ID A1J15.49 to ID A1J8.28 from ID A1P8.28 to ID P10-203 (S503-1) from ID P10-77 (S503-3) to ID A1P6.13 from ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50 from ID A1J15.50 to ID A1J7.38 from ID A1P7.38 to ID P10-130 (S301-23) from ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 179

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.39 and J2.56 to ground. 28.0Vdc is applied to pin J2.29, J1.42, J2.38, and J2.8. Initiate Counter/Timer to measure the time interval between pins J2.56 and J2.23. When J2.56 decreases past 5 volts, the output at pin J2.23 should drop to less than 0.5Vdc with respect to ground in between 190 and 725 msecs.

- CT - DTV	- TD 7176 0
From CT-RTN	to ID A1J6.9
	to ID P10-94 (S402-1) to ID A1P6.22
From ID P10-253 (S402-5) From ID A1J6.22	to ID BUS 8
FION ID ALUG.22	CO ID BOS 6
From W1 P2-30 (UUT J2-30)	to W1 P1B-4B
	to ID A1J12.17
From ID A1P12.17	to ID P12-96 (S202-47)
110111 12 11111111111	
From ID P12-59 (S202-1)	to ID A1P12.38
From ID AlJ12.38	to ID A1J10.10
From ID A1P10.10	to ID P11-177 (S509-1)
From ID P11-207 (S509-7)	to ID A1P9.36
From ID A1J9.36	to ID BUS 5
From ID P19-18 (CT-IN1)	to ID A1P21.1
From ID A1J21.1	to ID A1J6.8
From ID A1P6.8	to ID P10-162 (S501-2)
From ID P10-161 (S501-7)	to ID A1P7.45
From ID A1J7.45	to ID BUS 5
From W1 P2-23 (UUT J2-23)	
From ID J1A-6A	to ID A1J15.10
From ID A1P15.10	to ID P13-43 (S701-32)
10 44 (2501 0)	
,	to ID AlP12.48
From ID A1J12.48	to ID AlJ10.1
From ID A1P10.1	to ID P11-162 (S506-2)

From	ID P11-193 (S506-6)	to	ID	A1P9.50
	ID A1J9.50			BUS 4
From	ID P19-19 (CT-IN2)	t.o	TD	A1P22.1
	ID A1J22.1			A1J6.10
	ID A1P6.10			P10-71 (S502-2)
	ID P10-38 (S502-6)			A1P7.43
From	ID A1J7.43	to	TD	BUS 4
From	ID P12-59 (S202-1)	+ 0	TD	A1P12.38
	ID A1J12.38			
				A1J10.10
	ID A1P10.10			P11-177 (S509-1)
	ID P11-17 (S509-4)			A1P9.29
From	ID A1J9.29	to	ID	BUS 2
Exom	W1 P2-29 (UUT J2-29)	+ 0	TAT 1	P1A-1C
	ID J1A-1C			A1J14.5
From	ID A1P14.5	to	TD	P13-49 (S201-17)
From	ID P12-20 (S201-3)	tο	TD	A1P12.46
	ID A1J12.46			A1J10.2
	ID A1P10.2			P11-39 (S507-1)
	ID P11-72 (S507-4)			A1P9.27
From	ID A1J9.27	to	TD	BUS 2
From	W2 P2-42 (UUT J1-42)	tο	W 2	P1A-1C
	ID J2A-1C			A1J14.34
	ID A1P14.34			P13-58 (S202-17)
FLOIII	ID AIPI4.54	LO	Iυ	P13-30 (5202-17)
From	ID P13-93 (S202-3)	to	ID	A1P14.49
	ID A1J14.49		ID	A1J10.48
	ID A1P10.48			P11-52 (S510-1)
	ID P11-147 (S510-4)			A1P9.31
	ID A1J9.31			BUS 2
PLOIII	ID A109.31	CO	דט	B05 Z
From	W1 P2-19 (UUT J2-19)	to	W1	P1B-13C
	ID J1B-13C			A1J13.6
	ID A1P13.6			P12-78 (S201-14)
				111 / 6 (2101 11)
From	ID P12-52 (S201-4)	to	ID	A1P12.44
From	ID A1J12.44	to	ID	A1J10.4
From	ID A1P10.4			P11-71 (S507-2)
	ID P11-72 (S507-4)			A1P9.27
	ID A1J9.27			BUS 2
110111	ID A109.27	00	ΙD	D0D Z
From	W1 P2-39 (UUT J2-39)	to	W1	P1A-1E
	ID J1A-1E	to	ID	A1J14.9
From	ID A1P14.9	to	ID	P13-17 (S201-26)
	ID P12-80 (S201-2)			A1P12.40
	ID A1J12.40			A1J10.8
	ID A1P10.8			P11-139 (S508-2)
	ID P11-205 (S508-10)	to	ID	A1P9.2
From	ID A1J9.2	to	ID	BUS 8

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From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)
From W1 P2-8 (UUT J2-8)	to W1 P1A-5E
From ID J1A-5E	to ID A1J14.17
From ID AlP14.17	to ID P13-87 (S202-10)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID AlJ14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2

2.6 MODULE 2: Discrete Outputs Continued

This module continues to verify the proper operation of the CDA Logic CCA's Discrete Outputs.

Refer to 1.4 Reference Drawings when diagnosing connection paths.

Step 201

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Description:
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This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J1.42 and J2.13. Short pins J2.39, J3.22, and J2.40 to ground. The output measured at pin J2.23 should be less than 0.5Vdc with respect to ground.

```
Connection Path is as follows:
See "UUT Power"
See "APPLY IC"
From W1 P2-29 (UUT J2-29) to W1 P1A-1C
From ID J1A-1C
                                 to ID A1J14.5
                               to ID P13-49 (S201-17)
From ID A1P14.5
From ID P12-20 (S201-3)
                                to ID A1P12.46
From ID A1J12.46
                                 to ID A1J10.2
From ID A1P10.2
                                to ID P11-39 (S507-1)
From ID P11-72 (S507-4)
                                to ID A1P9.27
From ID A1J9.27
                                 to ID BUS 2
From W2 P2-42 (UUT J1-42) to W2 P1A-1C
From ID J2A-1C
                                 to ID A1J14.34
From ID A1P14.34
                                 to ID P13-58 (S202-17)
From ID P13-93 (S202-3) to ID A1P14.49 From ID A1P10.48 to ID P11-52 (A1P10.48)
                                 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
```

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From ID A1J9.31	to ID BUS 2
From W1 P2-13 (UUT J2-13)	to W1 P1B-14B
From ID J1B-14B	to ID A1J13.3
From ID A1P13.3	to ID P12-46 (S201-7)
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
	,
From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
110 12 1.1111111	00 12 110 01 (2101 10)
From W1 P2-23 (UUT J2-23)	to W1 P1A-6A
From ID J1A-6A	to ID A1J15.10
From ID A1P15.10	to ID P13-43 (S701-32)
	,
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
110 12 11103 (20	00 12 200 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
FIOR ID ALOU.IS	CO 1D B05 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND
FIOR ID AIO 1.30	CO GROUND

Step 202

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J1.42 and J2.13. Short pins J2.39, J3.22, and J2.40 to ground. Momentarily connect J2.16 to J2.44. The output measured at pin J2.23 should be

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greater than 13.0Vdc with respect to ground.

From W1 P2-16 (UUT J2-16)	to W1 P1A-12D
	to ID A1J11.9
	to ID P11-43 (S301-154)
From ID P11-233 (S301-153)	
From ID AlJ11.11	to ID A1J2.15 (DC2-HI J3-30)
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
FION ID AIPI4.5	CO 1D P13-49 (S201-17)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID AlJ12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
FION ID A109.27	CO 1D BOS 2
From W2 P2-42 (UUT J1-42)	to W2 P1A-1C
From ID J2A-1C	to ID A1J14.34
From ID A1P14.34	to ID P13-58 (S202-17)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID AlJ14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
FIOR ID A109.31	CO 1D BOS 2
From W1 P2-13 (UUT J2-13)	to W1 P1B-14B
From ID J1B-14B	to ID A1J13.3
From ID A1P13.3	to ID P12-46 (S201-7)
FIOM ID AIF13.3	CO 1D F12 40 (5201 7)
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID AlJ14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
110111107.2	60 10 200 0
From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
	·
From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID AlJ14.11
From ID AlP14.11	to ID P13-51 (S201-28)
From W1 P2-23 (UUT J2-23)	to W1 P1A-6A

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From ID J1A-6A	to ID A1J15.10
From ID A1P15.10	to ID P13-43 (S701-32)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 203

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J1.41, J2.47 and J2.17. The output measured at pin J2.23 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power" See "APPLY IC"	
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W2 P2-41 (UUT J1-41) From ID J2B-12D From ID A1P12.33	to W2 P1B-12D to ID A1J12.33 to ID P12-26 (S202-15)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2

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From	W1	P2-47 (UUT J2-47)	to	W1	P1A-3F
			to	ID	A1J14.14
		A1P14.14			P13-18 (S201-35)
From	W1	P2-17 (UUT J2-17)	to	W1	P1A-2B
			to	ID	A1J14.4
		A1P14.4			P13-48 (S201-12)
					,
From	ID	P12-52 (S201-4)	to	ID	A1P12.44
From	ID	A1J12.44	to	ID	A1J10.4
From	ID	A1P10.4	to	ID	P11-71 (S507-2)
From	ID	P11-72 (S507-4)	to	ID	A1P9.27
From	ID	A1J9.27	to	ID	BUS 2
From	W1	P2-23 (UUT J2-23)	to	W1	P1A-6A
From	ID	J1A-6A			A1J15.10
From	ID	A1P15.10	to	ID	P13-43 (S701-32)
					A1P12.48
					A1J10.1
					P11-162 (S506-2)
					A1P9.23
From	ID	A1J9.23	to	ID	BUS 1
П	TD	DOO O (DMM III)		TD	71015 40
		P20-2 (DMM-HI)			A1P15.49
_					A1J8.28
					P10-203 (S503-1)
					A1P6.13
From	ΙD	A1J6.13	LO	ΤD	BUS 1
From	TD	P20-3 (DMM-LO)	t 0	TD	A1P15.50
					A1J7.38
					P10-130 (S301-23)
		P10-229 (S301-24)			
		A1J7.36			OUND
110111	10	1110 7 . 30	00	Oic	
Step 204					
2001					
Desc	rip	tion:			
	_	ep applies 15.0Vdc to pin J	J3.3	0,	and -15.0Vdc to pin
		spect to J3.10. 28.0Vdc is			
		spect to J2.11. 28.0Vdc is			
		.17. Connect J3.14 to J3.16			
		be greater than 13.0Vdc with			
		_			-
Conn	ect:	ion Path is as follows:			
See	" UU'	T Power"			
		P2-60 (UUT J2-60)			P1A-1D
		J1A-1D			A1J14.7
Erom	TD	λ1D1/I 7	+ 0	TD	D13_70 /G2N1_2N\

From ID P12-52 (S201-4) to ID A1P12.44

to ID P13-79 (S201-20)

to ID AlJ10.4

From ID A1P14.7

From ID AlJ12.44

From	TD	A1P10.4	tο	TD	P11-71 (S507-2)
From	TD				A1P9.27
					BUS 2
From	TD	A109.27	LO	עד	B02 7
Erom	TAT 1	P3-16 (UUT J3-16)	+ 0	TAT 1	P1B-6C
					A1J12.12
From	ID	A1P12.12	to	ID	P12-53 (S201-39)
Ezaam	T.7 T	D2 20 (IIIIII T2 20)	٠.	T.7 1	D1 x 1 G
					P1A-1C
					A1J14.5
From	ID	A1P14.5	to	ID	P13-49 (S201-17)
From	TD	P12-20 (S201-3)	t o	TD	A1P12.46
					A1J10.2
					P11-39 (S507-1)
					A1P9.27
From	ID	A1J9.27	to	ID	BUS 2
From	TAT 2	P2-41 (UUT J1-41)	+ ^	TAT 2	P1B-12D
		J2B-12D			A1J12.33
F'rom	TD	A1P12.33	to	TD	P12-26 (S202-15)
From	TD	P13-93 (S202-3)	t.o	TD	A1P14.49
					A1J10.48
					P11-52 (S510-1)
					A1P9.31
F'rom	TD	A1J9.31	to	TD	BUS 2
From	W1	P2-47 (UUT J2-47)	to	W1	P1A-3F
					A1J14.14
		A1P14.14			P13-18 (S201-35)
110111	ידר	AIIIII	CO	דב	113 10 (5201 55)
From	W1	P2-17 (UUT J2-17)	to	W1	P1A-2B
From	ID	J1A-2B	to	ID	A1J14.4
From	ID	A1P14.4	to	ID	P13-48 (S201-12)
					A1P12.44
From	ID	A1J12.44	to	ID	A1J10.4
From	ID	A1P10.4	to	ID	P11-71 (S507-2)
From	ID	P11-72 (S507-4)	to	ID	A1P9.27
		A1J9.27			BUS 2
From	W1	P2-23 (UUT J2-23)	to	W1	P1A-6A
From	ID	J1A-6A	to	ID	A1J15.10
From	ID	A1P15.10	to	ID	P13-43 (S701-32)
_		-10 44 (BESS S)			-1-10 10
		P12-44 (S701-2)			A1P12.48
		A1J12.48			A1J10.1
From	ID	A1P10.1	to	ID	P11-162 (S506-2)
From	ID	P11-164 (S506-3)	to	ID	A1P9.23
		A1J9.23			BUS 1
_					-1-15 40
		P20-2 (DMM-HI)			A1P15.49
From	ΤD	A1J15.49	to	ID	A1J8.28
1 1 0	ıυ	111013.17			

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From ID A1P8.28 to ID P10-203 (S503-1) From ID P10-77 (S503-3) to ID A1P6.13 From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50 From ID A1J15.50 to ID A1J7.38 From ID A1P7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND

Step 205

Description:

From ID A1J14.49

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.62, J2.9, J1.42, and J2.47. Short pin J2.39 to ground. The output measured at pin J2.57 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From W1	P2-29 (UUT J2-29)	to	W1	P1A-1C
From ID	J1A-1C	to	ID	A1J14.5
From ID	A1P14.5	to	ID	P13-49 (S201-17)
From ID	P12-20 (S201-3)	to	ID	A1P12.46
From ID	A1J12.46	to	ID	A1J10.2
From ID	A1P10.2	to	ID	P11-39 (S507-1)
From ID	P11-72 (S507-4)	to	ID	A1P9.27
From ID	A1J9.27	to	ID	BUS 2
	, , , , , , , , , , , , , , , , , , , ,			P1B-7C
From ID	J1B-7C			A1J12.9
From ID	A1P12.9	to	ID	P12-19 (S201-31)
	- (,			P1A-1A
From ID	·			A1J14.1
From ID	A1P14.1	to	ID	P13-47 (S201-9)
	-10 00 (-001 0)			
	- ,			A1P12.46
_				A1J10.2
_				P11-39 (S507-1)
	,			A1P9.27
From ID	A1J9.27	to	ID	BUS 2
	DO 40 (77777 71 40)			717 10
	P2-42 (UUT J1-42)			
From ID				A1J14.34
From ID	A1P14.34	to	TD	P13-58 (S202-17)
Errom ID	D12 02 (G202 2)	٠.	TD	71714 40
rrom ID	P13-93 (S202-3)	CO	ΤŊ	A1P14.49

to ID A1J10.48

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From ID A1				P11-52 (S510-1) A1P9.31
From ID Al	J9.31	to	ID	BUS 2
				P1A-3F
From ID J1.				A1J14.14
From ID A1	P14.14	to	ID	P13-18 (S201-35)
	· · · · · · · · · · · · · · · · · · ·			P1A-1E
From ID J1.				A1J14.9
From ID A1	P14.9	to	ID	P13-17 (S201-26)
				A1P12.40
From ID Al				A1J10.8
From ID Al				P11-139 (S508-2)
	,	to	ID	A1P9.2
From ID Al	J9.2	to	ID	BUS 8
	-57 (UUT J2-57)			
From ID J1.	A-7B	to	ID	A1J15.14
From ID Al	P15.14	to	ID	P13-12 (S701-40)
				A1P12.48
From ID Al				A1J10.1
From ID Al	P10.1	to	ID	P11-162 (S506-2)
From ID P1	1-164 (S506-3)	to	ID	A1P9.23
From ID Al	J9.23	to	ID	BUS 1
		to	ID	A1P15.49
From ID Al	J15.49	to	ID	A1J8.28
From ID Al	P8.28	to	ID	P10-203 (S503-1)
From ID P1	0-77 (S503-3)	to	ID	A1P6.13
From ID Al	J6.13	to	ID	BUS 1
		to	ID	A1P15.50
From ID Al	J15.50	to	ID	A1J7.38
From ID Al	P7.38	to	ID	P10-130 (S301-23)
From ID P1				A1P7.36
From ID Al				OUND

Step 206

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.62, J2.9, J1.42, J2.47, and J2.38. Short pin J2.39 to ground. The output measured at pin J2.57 should be greater than 13.0Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W1 P2-38 (UUT J2-38) to W1 P1B-8B

From ID	J1B-8B	to	ID	A1J12.5
	A1P12.5	to	ID	P12-17 (S201-23)
				,
From W1	P2-29 (UUT J2-29)	to	W1	P1A-1C
	J1A-1C	to	ID	A1J14.5
	A1P14.5			P13-49 (S201-17)
				,
From ID	P12-20 (S201-3)	to	ID	A1P12.46
	A1J12.46			A1J10.2
	A1P10.2			P11-39 (S507-1)
	P11-72 (S507-4)			A1P9.27
	A1J9.27			BUS 2
From W1	P2-62 (UUT J2-62)	to	W1	P1B-7C
	J1B-7C			A1J12.9
	A1P12.9			P12-19 (S201-31)
110 12		00		
From W1	P2-9 (UUT J2-9)	to	W1	P1A-1A
	J1A-1A			A1J14.1
	A1P14.1			P13-47 (S201-9)
110111 12	1111 11.1			113 1, (5201),
From ID	P12-20 (S201-3)	to	ID	A1P12.46
	A1J12.46			A1J10.2
	A1P10.2			P11-39 (S507-1)
	P11-72 (S507-4)			A1P9.27
	A1J9.27			BUS 2
110111 12	1110) . 2 /			202 2
From W2	P2-42 (UUT J1-42)	to	W2	P1A-1C
	J2A-1C			A1J14.34
	A1P14.34			P13-58 (S202-17)
				(,
From ID	P13-93 (S202-3)	to	ID	A1P14.49
	A1J14.49	to	ID	A1J10.48
	A1P10.48	to	ID	P11-52 (S510-1)
				A1P9.31
	A1J9.31			BUS 2
From W1	P2-47 (UUT J2-47)	to	W1	P1A-3F
	J1A-3F			A1J14.14
	A1P14.14			P13-18 (S201-35)
				,
From W1	P2-39 (UUT J2-39)	to	W1	P1A-1E
	J1A-1E	to	ID	A1J14.9
	A1P14.9			P13-17 (S201-26)
From ID	P12-80 (S201-2)	to	ID	A1P12.40
From ID	A1J12.40	to	ID	A1J10.8
From ID	A1P10.8	to	ID	P11-139 (S508-2)
From ID	P11-205 (S508-10)	to	ID	A1P9.2
From ID	A1J9.2	to	ID	BUS 8
	P2-57 (UUT J2-57)			P1A-7B
From ID	J1A-7B	to	ID	A1J15.14
From ID	A1P15.14	to	ID	P13-12 (S701-40)
_				

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From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 207

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.62, J2.9, J1.42, J2.47, J2.38, and J2.61. Short pin J2.39 to ground. The output measured at pin J2.57 should be less than 0.5Vdc with respect to ground.

From W1 P2-61 (UUT J2-61) From ID J1B-7A From ID A1P12.7	to W1 P1B-7A to ID A1J12.7 to ID P12-82 (S201-29)
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23)
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4)	to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27

From	ID	J1A-1A	to	ID	A1J14.1
From	ID	A1P14.1	to	ID	P13-47 (S201-9)
		P12-20 (S201-3)			A1P12.46
		A1J12.46			A1J10.2
		A1P10.2			P11-39 (S507-1)
		P11-72 (S507-4)	to	ID	A1P9.27
From	ID	A1J9.27	to	ID	BUS 2
П	T-7 O	DO 40 /IIII T1 40)		T.T ()	D13 10
		P2-42 (UUT J1-42)			P1A-1C
		J2A-1C			A1J14.34
From	תד	A1P14.34	to	ΤD	P13-58 (S202-17)
From	ID	P13-93 (S202-3)	to	ID	A1P14.49
From	ID	A1J14.49	to	ID	A1J10.48
From	ID	A1P10.48	to	ID	P11-52 (S510-1)
		P11-147 (S510-4)			A1P9.31
		A1J9.31			BUS 2
From	W1	P2-47 (UUT J2-47)	to	W1	P1A-3F
From	ID	J1A-3F	to	ID	A1J14.14
From	ID	A1P14.14	to	ID	P13-18 (S201-35)
		P2-39 (UUT J2-39)			P1A-1E
		J1A-1E			A1J14.9
From	ID	A1P14.9	to	ID	P13-17 (S201-26)
From	TD	P12-80 (S201-2)	t o	TD	A1P12.40
		A1J12.40			A1J10.8
		A1P10.8			P11-139 (S508-2)
		P11-205 (S508-10)			A1P9.2
		AlJ9.2			BUS 8
110111	10	1110 9 . 2	00	10	205 0
From	W1	P2-57 (UUT J2-57)	to	W1	P1A-7B
From	ID	J1A-7B	to	ID	A1J15.14
From	ID	A1P15.14	to	ID	P13-12 (S701-40)
		P12-44 (S701-2)			A1P12.48
		A1J12.48			A1J10.1
		A1P10.1			P11-162 (S506-2)
		P11-164 (S506-3)			A1P9.23
From	ID	A1J9.23	to	ID	BUS 1
From	ΤD	P20-2 (DMM-HI)	t o	ΤD	A1P15.49
		A1J15.49			A1J8.28
		A1015.49 A1P8.28			P10-203 (S503-1)
		P10-77 (S503-3)			A1P6.13
		A1J6.13			BUS 1
T. T OIII	עד	WT0 0 . T3	LU	±ν	ד מ∩ח
From	ID	P20-3 (DMM-LO)	to	ID	A1P15.50
		A1J15.50	to	ID	A1J7.38
From	ID	A1P7.38	to	ID	P10-130 (S301-23)
		P10-229 (S301-24)			A1P7.36
		A1J7.36			DUND

Date: 04 March 2016

Step 208

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.28, J1.42, J2.13, J2.5 and J2.38. Short pin J2.39 to ground. The output measured at pin J2.57 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC" From W1 P2-29 (UUT J2-29) to W1 P1A-1C From ID J1A-1C to ID A1J14.5 From ID A1P14.5 to ID P13-49 (S201-17) From ID P12-20 (S201-3) to ID A1P12.46 from ID A1J12.46 to ID A1J10.2 from ID A1P10.2 to ID P11-39 (S507-1) from ID P11-72 (S507-4) to ID A1P9.27 from ID A1J9.27 to ID BUS 2 From W1 P2-28 (UUT J2-28) to W1 P1B-9A to ID A1J12.1 from ID A1P12.1 to ID P12-48 (S201-15) From W1 P2-62 (UUT J2-62) to W1 P1B-7C From ID J1B-7C to ID A1J12.9 to ID P12-19 to ID A1J12.9 to ID P12-19 (S201-31) From W2 P2-42 (UUT J1-42) to W2 P1A-1C From ID J2A-1C to ID A1J14.34 to ID P13-58 (S to ID P13-58 (S202-17) From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 to ID BUS 2 From ID A1J9.31 to ID BUS 2 From W1 P2-13 (UUT J2-13) to W1 P1B-14B From ID J1B-14B to ID A1J13.3 From ID A1P13.3 to ID P12-46 (to ID P12-46 (S201-7) From W1 P2-5 (UUT J2-5) to W1 P1B-14A From ID J1B-14A From ID A1P13.1 to ID A1J13.1 to ID P12-79 (S201-5) From W1 P2-38 (UUT J2-38) to W1 P1B-8B from ID J1B-8B to ID A1J12.5 From ID J1B-8B From ID A1P12.5

to ID P12-17 (S201-23)

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From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P2-57 (UUT J2-57) From ID J1A-7B From ID A1P15.14	to W1 P1A-7B to ID A1J15.14 to ID P13-12 (S701-40)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 209

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.28, J1.42, J2.13, J2.5, J2.38, and J2.8. Short pin J2.39 to ground. The output measured at pin J2.57 should be greater than 13.0Vdc with respect to ground.

From W1 P2-8 (UUT J2-8) From ID J1A-5E From ID A1P14.17	to W1 P1A-5E to ID A1J14.17 to ID P13-87 (S202-10)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID AlJ14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2

From W	71 P2-29 (UUT J2-29)	to W1 P1A-1C
From I	D J1A-1C	to ID A1J14.5
	D A1P14.5	to ID P13-49 (S201-17)
110111 1	AIIII.5	CO 1D 113 17 (BZ01 17)
Exam I	T D12 20 /C201 2)	to ID A1P12.46
	ID P12-20 (S201-3)	
	D A1J12.46	to ID A1J10.2
From I	D A1P10.2	to ID P11-39 (S507-1)
From I	D P11-72 (S507-4)	to ID A1P9.27
From I	D A1J9.27	to ID BUS 2
From W	J1 P2-28 (UUT J2-28)	to W1 P1B-9A
	D J1B-9A	to ID A1J12.1
	D A1P12.1	to ID P12-48 (S201-15)
FIOIII I	D AIPIZ.I	CO ID PIZ-48 (3201-13)
Enom ti	11 D2 62 (IIIIII T2 62)	+
	71 P2-62 (UUT J2-62)	to W1 P1B-7C
_	D J1B-7C	to ID A1J12.9
From I	D A1P12.9	to ID P12-19 (S201-31)
	12 P2-42 (UUT J1-42)	to W2 P1A-1C
From I	D J2A-1C	to ID A1J14.34
From I	D A1P14.34	to ID P13-58 (S202-17)
From I	D P13-93 (S202-3)	to ID A1P14.49
From I	D A1J14.49	to ID A1J10.48
_	D A1P10.48	to ID P11-52 (S510-1)
	D P11-147 (S510-4)	to ID A1P9.31
F'rom 1	D A1J9.31	to ID BUS 2
	71 00 12 (77777 70 12)	515 145
	71 P2-13 (UUT J2-13)	to W1 P1B-14B
_	D J1B-14B	to ID A1J13.3
From I	D A1P13.3	to ID P12-46 (S201-7)
From W	71 P2-5 (UUT J2-5)	to W1 P1B-14A
From I	D J1B-14A	to ID A1J13.1
From I	D A1P13.1	to ID P12-79 (S201-5)
From W	71 P2-38 (UUT J2-38)	to W1 P1B-8B
	D J1B-8B	to ID A1J12.5
	D A1P12.5	to ID P12-17 (S201-23)
FIOIII I	D AIFIZ.S	CO 1D F1Z-17 (5Z01-Z5)
From W	71 P2-39 (UUT J2-39)	to W1 P1A-1E
	TD J1A-1E	to ID A1J14.9
F'rom 1	TD A1P14.9	to ID P13-17 (S201-26)
_	10 00 (2005 0)	
	ID P12-80 (S201-2)	to ID A1P12.40
From I	D A1J12.40	to ID A1J10.8
From I	TD A1P10.8	to ID P11-139 (S508-2)
From I	D P11-205 (S508-10)	to ID A1P9.2
	D A1J9.2	to ID BUS 8
From W	71 P2-57 (UUT J2-57)	to W1 P1A-7B
	ID J1A-7B	to ID A1J15.14
	D A1P15.14	to ID P13-12 (S701-40)
LTOIII I	D AIRIJ.IT	CO ID PI3-12 (8/01-40)

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From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 210

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.28, J1.42, J2.13, J2.5, J2.38, J2.8, and J2.27. Short pin J2.39 to ground. The output measured at pin J2.57 should be less than 0.5Vdc with respect to ground.

From W1 P2-27 (UUT J2-27) From ID J1B-14C From ID A1P13.5	to W1 P1B-14C to ID A1J13.5 to ID P12-14 (S201-13)
From W1 P2-8 (UUT J2-8) From ID J1A-5E From ID A1P14.17	to W1 P1A-5E to ID A1J14.17 to ID P13-87 (S202-10)
From ID P13-29 (S202-4) From ID A1J14.50 From ID A1P10.50 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.50 to ID A1J10.50 to ID P11-244 (S510-2) to ID A1P9.31 to ID BUS 2
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2	to ID A1J14.5 to ID P13-49 (S201-17) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1)
From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P9.27 to ID BUS 2

From W1 P2-28 (UUT J2-28)	to W1 P1B-9A
From ID J1B-9A	to ID AlJ12.1
From ID A1P12.1	to ID P12-48 (S201-15)
IIOm ID AIIIZ.I	CO 1D 112 10 (B201 13)
From W1 P2-62 (UUT J2-62)	to W1 D1R-7C
From ID J1B-7C	to ID A1J12.9
From ID AlP12.9	
From ID AIPI2.9	to ID P12-19 (S201-31)
E NO DO 40 /IIIIE II 40)	+ 0 W2 D17 10
From W2 P2-42 (UUT J1-42)	to W2 P1A-1C
From ID J2A-1C	to ID AlJ14.34
From ID A1P14.34	to ID P13-58 (S202-17)
From ID P13-93 (S202-3)	to ID A1P14.49
·	
From ID A1J14.49	to ID AlJ10.48
From ID A1P10.48	to ID P11-52 (S510-1)
	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From M1 D0 12 (IIIIII TO 12)	to W1 P1B-14B
From W1 P2-13 (UUT J2-13)	
From ID J1B-14B	to ID AlJ13.3
From ID A1P13.3	to ID P12-46 (S201-7)
From W1 P2-5 (UUT J2-5)	to W1 P1B-14A
From ID J1B-14A	to ID AlJ13.1
From ID A1P13.1	to ID P12-79 (S201-5)
FIOM ID AIPIS.I	to ID PIZ-79 (SZ01-5)
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)
TIOM ID AITIZ.5	CO 1D 112 17 (B201 23)
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID AlJ14.9
From ID A1P14.9	to ID P13-17 (S201-26)
110 12 1.111 1.17	00 12 110 17 (2101 10)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
110 12 11203.12	00 12 202 0
From W1 P2-57 (UUT J2-57)	to W1 P1A-7B
From ID J1A-7B	to ID A1J15.14
From ID A1P15.14	to ID P13-12 (S701-40)
110111111111111111111111111111111111111	60 12 113 12 (2,01 10)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID AlJ12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID AlJ9.23	to ID BUS 1
110 10 11107.20	20 12 200 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
	~~ ±D 11±1 0.±3

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From ID AlJ6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID AlP15.50

From ID AlJ15.50 to ID AlJ7.38

From ID AlP7.38 to ID P10-130 (S301-23)

From ID P10-229 (S301-24) to ID AlP7.36

From ID AlJ7.36 to GROUND

Step 211

Description:

Connection Path is as follows:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.28, J1.41, J2.5, and J2.47. Short pin J2.40 and J3.22 to ground. The output measured at pin J2.57 should be less than 0.5Vdc with respect to ground.

See "UUT Power" See "APPLY IC" From W1 P2-29 (UUT J2-29) to W1 P1A-1C From ID J1A-1C to ID A1J14.5 From ID A1P14.5 to ID P13-49 (S201-17) From ID P12-20 (S201-3) to ID A1P12.46 From ID A1J12.46 to ID A1J10.2 From ID A1P10.2 to ID P11-39 (S507-1) From ID P11-72 (S507-4) to ID A1P9.27 From ID A1J9.27 From ID A1J9.27 to ID BUS 2 From W1 P2-28 (UUT J2-28) to W1 P1B-9A from ID J1B-9A to ID A1J12.1 from ID A1P12.1 to ID P12-48 (S201-15) From W1 P2-62 (UUT J2-62) to W1 P1B-7C From ID J1B-7C to ID A1J12.9 to ID P12-19 (S201-31) From ID A1P12.9 From W2 P2-41 (UUT J1-41) to W2 P1B-12D From ID J2B-12D to ID A1J12.33 From ID A1P12.33 to ID P12-26 (S From ID A1P12.33 to ID P12-26 (S202-15) From ID P13-93 (S202-3) to ID A1P14.49 From ID A1J14.49 to ID A1J10.48

From ID A1P10.48 to ID P11-52 (S510-1)

From ID P11-147 (S510-4) to ID A1P9.31 From ID A1J9.31 to ID BUS 2 From W1 P2-5 (UUT J2-5) to W1 P1B-14A From ID J1B-14A to ID A1J13.1 From ID A1P13.1 to ID P12-79 (S201-5)

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From W1 P2-47 (UUT J2-47)	to W1 P1A-3F
From ID J1A-3F	to ID A1J14.14
From ID A1P14.14	to ID P13-18 (S201-35)
110 10 1.111111	00 12 110 10 (2101 00)
From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
	to ID A1P9.2
From ID AlJ9.2	to ID BUS 8
1101111107.2	00 12 202 0
From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
From W1 P2-57 (UUT J2-57)	to W1 P1A-7B
From ID J1A-7B	to ID A1J15.14
From ID A1P15.14	to ID P13-12 (S701-40)
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID AlJ9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID AlJ15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID AlJ7.36	to GROUND

Step 212

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.28, J1.41, J2.5, J2.47, and J2.9. Short pin J2.40 and J3.22 to ground. The output measured at pin J2.57 should be greater than 13.0Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W1 P2-60 (UUT J2-60) to W1 P1A-1D

From	TD	J1A-1D	t 0	TD	A1J14.7
From	ID	A1P14.7	to	ID	P13-79 (S201-20)
From	TD	P12-52 (S201-4)	tο	TD	A1P12.44
		A1J12.44			A1J10.4
From	ID	A1P10.4	to	ID	P11-71 (S507-2)
From	TD	P11-72 (S507-4)	tο	TD	A1P9.27
		Alj9.27			BUS 2
FLOIII	Tυ	A109.27	LO	Tυ	BU5 2
From	W1	P2-9 (UUT J2-9)	to	W1	P1A-1A
From	TD	J1A-1A	t.o	TD	A1J14.1
		A1P14.1			P13-47 (S201-9)
FIOIII	Tυ	AIP14.1	LO	Tυ	P13-47 (S201-9)
From	W1	P2-29 (UUT J2-29)	to	W1	P1A-1C
		J1A-1C	tο	TD	A1J14.5
From	TD	A1P14.5	to	TD	P13-49 (S201-17)
From	ID	P12-20 (S201-3)	to	ID	A1P12.46
		A1J12.46			A1J10.2
From	ID	A1P10.2	to	ID	P11-39 (S507-1)
From	ID	P11-72 (S507-4)	to	ID	A1P9.27
From	TD	A1J9.27	tο	TD	BUS 2
110111	דע	11100.27		10	200 2
From	W1	P2-28 (UUT J2-28)	to	W1	P1B-9A
From	ID	J1B-9A	to	ID	A1J12.1
From	TD	A1P12.1	t 0	TD	P12-48 (S201-15)
I I OIII	דט	AIF1Z.1	CO	עד	F12 40 (5201 15)
From	W1	P2-62 (UUT J2-62)	to	W1	P1B-7C
From	ID	J1B-7C	to	ID	A1J12.9
		A1P12.9			P12-19 (S201-31)
I I OIII	ıυ	AIF12.9	LU	ΙD	P12-19 (3201-31)
From	W2	P2-41 (UUT J1-41)	to	W2	P1B-12D
From	TD	J2B-12D	t.o	TD	A1J12.33
		A1P12.33			P12-26 (S202-15)
FIOIII	Tυ	A1P12.33	LO	Tυ	P12-26 (5202-15)
From	ID	P13-93 (S202-3)	to	ID	A1P14.49
From	TD	A1J14.49	tο	TD	A1J10.48
		A1P10.48			P11-52 (S510-1)
From	ID	P11-147 (S510-4)	to	ID	A1P9.31
From	ID	A1J9.31	to	ID	BUS 2
	T.7 T	DO E (IIIII IO E)		T.7 1	D1D 143
		P2-5 (UUT J2-5)			P1B-14A
From	ID	J1B-14A	to	ID	A1J13.1
From	ID	A1P13.1	to	ID	P12-79 (S201-5)
					,
_	T.7.7	DO 45 /1115 TO 45		T.7.7	D17 20
		P2-47 (UUT J2-47)			P1A-3F
From	ID	J1A-3F	to	ID	A1J14.14
From	ΙD	A1P14.14	t.o	ΙD	P13-18 (S201-35)
					
_		-0.40./			_1_ 1_
From	Wl	P2-40 (UUT J2-40)			P1A-1F
From	ID	J1A-1F	to	ID	A1J14.11
		A1P14.11			P13-51 (S201-28)
		 ,			
_	_	-10.00.45001.5:		_	
From	ID	P12-80 (S201-2)	to	ID	A1P12.40

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From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
From W1 P2-57 (UUT J2-57) From ID J1A-7B From ID A1P15.14	to W1 P1A-7B to ID A1J15.14 to ID P13-12 (S701-40)
	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1J7.38 to ID P10-130 (S301-23)

Step 213

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J1.41, J2.5, J2.47 and J2.9. Short pins J2.40 and J3.22 to ground. The output measured at pin J2.57 should be 0.5Vdc with respect to ground.

Fro	m W1	P2-60 (UUT J2-60)	to	W1	P1A-1D
Fro	m ID	J1A-1D	to	ID	A1J14.7
Fro	m ID	A1P14.7	to	ID	P13-79 (S201-20)
Fro	m ID	P12-52 (S201-4)	to	ID	A1P12.44
Fro	m ID	A1J12.44	to	ID	A1J10.4
Fro	m ID	A1P10.4	to	ID	P11-71 (S507-2)
Fro	m ID	P11-72 (S507-4)	to	ID	A1P9.27
Fro	m ID	A1J9.27	to	ID	BUS 2

From W1	P2-9 (UUT J2-9)	to	W1	P1A-1A
	J1A-1A			A1J14.1
_	A1P14.1			P13-47 (S201-9)
110111 12	1111 1 1 1 1			113 1, (5201),
From W1	P2-29 (UUT J2-29)	t o	TAT 1	P1A-1C
	J1A-1C			A1J14.5
_	A1P14.5			P13-49 (S201-17)
FIOIII ID	AIFI4.5	LU	דט	F13-49 (3201-17)
From ID	P12-20 (S201-3)	t o	TD	A1P12.46
	A1J12.46			A1J10.2
_	A1P10.2			P11-39 (S507-1)
	P11-72 (S507-4)			A1P9.27
	A1J9.27			BUS 2
FIOU ID	A109.27	LO	ΙD	BUS 2
From W2	P2-41 (UUT J1-41)	tο	พว	P1B-12D
	J2B-12D			A1J12.33
_	A1P12.33			P12-26 (S202-15)
FIOIII ID	A1P12.55	LO	ΙD	P12-20 (5202-15)
From ID	P13-93 (S202-3)	to	ID	A1P14.49
	A1J14.49	to	ID	A1J10.48
	A1P10.48			P11-52 (S510-1)
	P11-147 (S510-4)			A1P9.31
	A1J9.31			BUS 2
IIOm ID	11100.01	00	10	D0D 2
From W1	P2-5 (UUT J2-5)	to	W1	P1B-14A
From ID	J1B-14A	to	ID	A1J13.1
From ID	A1P13.1	to	ID	P12-79 (S201-5)
From W1	P2-47 (UUT J2-47)	to	W1	P1A-3F
From ID	J1A-3F	to	ID	A1J14.14
From ID	A1P14.14	to	ID	P13-18 (S201-35)
From W1	P2-40 (UUT J2-40)	to	W1	P1A-1F
From ID	J1A-1F	to	ID	A1J14.11
From ID	A1P14.11	to	ID	P13-51 (S201-28)
	P12-80 (S201-2)			A1P12.40
	A1J12.40			A1J10.8
	A1P10.8			P11-139 (S508-2)
From ID	P11-205 (S508-10)	to	ID	A1P9.2
From ID	A1J9.2	to	ID	BUS 8
				-1- 0-
	P3-22 (UUT J3-22)			P1A-3E
From ID				A1J14.13
From ID	A1P14.13	to	ID	P13-19 (S201-34)
Enom M1	D2 E7 /IIIIm T2 E7\	+ ~	T _A T ⁻¹	חל גות
	P2-57 (UUT J2-57)			P1A-7B
From ID				A1J15.14
From ID	A1P15.14	ĽΟ	ΤŊ	P13-12 (S701-40)
From ID	P12-44 (S701-2)	to	ID	A1P12.48
	A1J12.48			A1J10.1
	A1P10.1			P11-162 (S506-2)
	P11-164 (S506-3)			A1P9.23
ביב סווו בים	111 101 (0000 0)		$\perp \nu$	1111 / . 4 /

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From	ID	A1J9.23	to	ID	BUS 1
From	ID	P20-2 (DMM-HI)	to	ID	A1P15.49
From	ID	A1J15.49	to	ID	A1J8.28
From	ID	A1P8.28	to	ID	P10-203 (S503-1)
From	ID	P10-77 (S503-3)	to	ID	A1P6.13
From	ID	A1J6.13	to	ID	BUS 1
From	ID	P20-3 (DMM-LO)	to	ID	A1P15.50
From	ID	A1J15.50	to	ID	A1J7.38
From	ID	A1P7.38	to	ID	P10-130 (S301-23)
From	ID	P10-229 (S301-24)	to	ID	A1P7.36
From	ID	A1J7.36	to	GRO	DUND

Step 214

Description:

Connection Path is as follows:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.62, J1.42, J2.5, J2.38 and J2.13. Short pins J2.40 and J3.22 to ground. The output measured at pin J2.57 should be less than 0.5Vdc with respect to ground.

to W1 P1A-1C
to ID A1J14.5
to ID P13-49 (S201-17)
to ID AlP12.46
to ID A1J10.2
to ID P11-39 (S507-1)
to ID A1P9.27
to ID BUS 2
to W1 P1B-7C
to ID A1J12.9
to ID P12-19 (S201-31)
to W2 P1A-1C
to ID A1J14.34
to ID P13-58 (S202-17)
to ID A1P14.49
to ID A1J10.48
to ID P11-52 (S510-1)
to ID A1P9.31
to ID BUS 2
to W1 P1B-14A
to ID A1J13.1

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From ID A1P13.1	to ID P12-79 (S201-5)
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)
	,
From W1 P2-13 (UUT J2-13)	to W1 P1B-14B
From ID J1B-14B	to ID A1J13.3
From ID A1P13.3	to ID P12-46 (S201-7)
From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID AlP14.13	to ID P13-19 (S201-34)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID AlP14.11	to ID P13-51 (S201-28)
From W1 P2-57 (UUT J2-57)	to W1 P1A-7B
From ID J1A-7B	to ID A1J15.14
From ID A1P15.14	to ID P13-12 (S701-40)
TIOM ID ATTIO.TI	CO 1D 113 12 (B/O1 10)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
Enom ID DOO O (DMM III)	+0 TD 31D1E 40
From ID P20-2 (DMM-HI) From ID A1J15.49	to ID A119.39
	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID AlP15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID AlJ7.36	to GROUND

Step 215

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.62, J1.42, J2.5, J2.38, J2.13, and J2.9. Short pins J2.40 and J3.22 to ground. The output measured at pin J2.57 should be greater than

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13.0Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W1 P2-60 (UUT J2-60) to W1 P1A-1D From ID J1A-1D to ID A1J14.7 From ID A1P14.7 to ID P13-79 (S201-20) From ID P12-52 (S201-4) to ID A1P12.44
From ID A1J12.44 to ID A1J10.4
From ID A1P10.4 to ID P11-71 (S507-2)
From ID P11-72 (S507-4) to ID A1P9.27
From ID A1J9.27 to ID BUS 2 From W1 P2-9 (UUT J2-9) to W1 P1A-1A From ID J1A-1A to ID A1J14.1 From ID A1P14.1 to ID P13-47 (S201-9) From W1 P2-29 (UUT J2-29) to W1 P1A-1C From ID J1A-1C to ID A1J14.5 From ID A1P14.5 to ID P13-49 (S201-17) From ID P12-20 (S201-3) to ID A1P12.46 from ID A1J12.46 to ID A1J10.2 from ID A1P10.2 to ID P11-39 (S507-1) from ID P11-72 (S507-4) to ID A1P9.27 from ID A1J9.27 to ID BUS 2 From ID A1J9.27 to ID BUS 2 From W1 P2-62 (UUT J2-62) to W1 P1B-7C From W1 F2 02 (...)

From ID J1B-7C to ID A1012...

to ID P12-19 (S201-31) From W2 P2-42 (UUT J1-42) to W2 P1A-1C From ID J2A-1C to ID A1J14.34 to ID P13-58 (S to ID P13-58 (S202-17) From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 to ID BUS 2 From ID A1J9.31 From W1 P2-5 (UUT J2-5) to W1 P1B-14A From ID J1B-14A to ID AlJ13.1 From ID A1P13.1 to ID P12-79 (S201-5) From W1 P2-38 (UUT J2-38) to W1 P1B-8B From ID J1B-8B to ID A1J12.5 to ID P12-17 (S201-23) From ID A1P12.5 From W1 P2-13 (UUT J2-13) to W1 P1B-14B From ID J1B-14B From ID A1P13.3 to ID A1J13.3 to ID P12-46 (S201-7)

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From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From W1 P2-57 (UUT J2-57) From ID J1A-7B From ID A1P15.14	to W1 P1A-7B to ID A1J15.14 to ID P13-12 (S701-40)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 216

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J1.42, J2.5, J2.38, J2.13, and J2.9. Short pins J2.40 and J3.22 to ground. The output measured at pin J2.57 should be less than 0.5Vdc with respect to ground.

From W1 P2-60 (UUT J2-60)	to W1 P1A-1D
From ID J1A-1D	to ID A1J14.7
From ID A1P14.7	to ID P13-79 (S201-20)
From ID P12-52 (S201-4)	to ID A1P12.44

From ID	A1J12.44	tο	TD	A1J10.4
	A1P10.4			P11-71 (S507-2)
	P11-72 (S507-4)			A1P9.27
	A1J9.27			BUS 2
FIOII IL	A109.27	LO	TD	BUS Z
Errom 141	P2-9 (UUT J2-9)	۰.	T.7 T	ת 1 ת 1 ת
				P1A-1A
	J1A-1A			A1J14.1
From IL	A1P14.1	to	TD	P13-47 (S201-9)
Erom W1	P2-29 (UUT J2-29)	+ 0	TAT 1	P1A-1C
) J1A-1C			A1J14.5
From IL	A1P14.5	to	TD	P13-49 (S201-17)
From ID	P12-20 (S201-3)	t o	TD	A1P12.46
	A1J12.46			A1J10.2
	A1P10.2			P11-39 (S507-1)
	P11-72 (S507-4)			A1P9.27
From ID	A1J9.27	to	ID	BUS 2
D 170	DO 40 (IIIII T1 40)		T-T-O	D17 10
	P2-42 (UUT J1-42)			P1A-1C
	J2A-1C			A1J14.34
From ID	A1P14.34	to	ID	P13-58 (S202-17)
Exam ID	N D12 02 /C202 2\	+ 0	TD	71714 40
	P13-93 (S202-3)			A1P14.49
_	A1J14.49			A1J10.48
	A1P10.48			P11-52 (S510-1)
From ID	P11-147 (S510-4)	to	ID	A1P9.31
From ID	A1J9.31	to	ID	BUS 2
	D0 5 (1777 T0 5)			D1D 143
	P2-5 (UUT J2-5)			P1B-14A
_	J1B-14A	to	ID	A1J13.1
From ID	A1P13.1	to	ID	P12-79 (S201-5)
D 1/11	D2 20 /IIIII T2 20)		r.7 1	D1D 0D
	P2-38 (UUT J2-38)			P1B-8B
_	J1B-8B			A1J12.5
From ID	A1P12.5	to	ID	P12-17 (S201-23)
Erom W1	P2-13 (UUT J2-13)	+ 0	TAT 1	P1B-14B
) J1B-14B			
				A1J13.3
From II	A1P13.3	to	TD	P12-46 (S201-7)
From W1	P3-22 (UUT J3-22)	tο	W1	P1A-3E
	J1A-3E			A1J14.13
From IL	A1P14.13	to	ΤD	P13-19 (S201-34)
From ID	P12-80 (S201-2)	to	ID	A1P12.40
	A1J12.40			A1J10.8
	A1012.40 A1P10.8			P11-139 (S508-2)
	P11-205 (S508-10)			A1P9.2
From ID	A1J9.2	to	ID	BUS 8
From 141	-0 40 (0 40)		TAT 1	ה1 ת 1 ת
T T OUT WIT	D7-4() (, 7-4())	+ ^		
Erom Tr	P2-40 (UUT J2-40)			P1A-1F
	P2-40 (UUT J2-40) J1A-1F A1P14.11	to	ID	A1J14.11 P13-51 (S201-28)

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From W1 P2-57 (UUT J2-57) From ID J1A-7B From ID A1P15.14	to W1 P1A-7B to ID A1J15.14 to ID P13-12 (S701-40)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 217

Description:

Connection Path is as follows:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J3.22, J2.40 and J2.46 to ground. 28.0Vdc is applied to pin J2.29, J2.28, J1.42, J2.19 (for 2 seconds and then open), J2.5, J2.13, and J2.8. The output measured at pin J2.57 should be less than 0.5Vdc with respect to ground.

See "UUT See "APP			
From W1 : From ID : From ID :	J1A-1C	to I	1 P1A-1C D A1J14.5 D P13-49 (S201-17)
From ID .	P12-20 (S201-3) A1J12.46 A1P10.2 P11-72 (S507-4) A1J9.27	to I to I to I	D A1P12.46 D A1J10.2 D P11-39 (S507-1) D A1P9.27 D BUS 2
From ID	J1B-7C A1P12.9	to I	1 P1B-7C D A1J12.9 D P12-19 (S201-31) 1 P1B-9A
From ID	J1B-9A	to I	D A1J12.1 D P12-48 (S201-15)

From V	w2	P2-42 (UUT J1-42)	to	W2	P1A-1C
		J2A-1C	to	ID	A1J14.34
From I	ID	A1P14.34			P13-58 (S202-17)
					,
From I	ID	P13-93 (S202-3)	to	ID	A1P14.49
		A1J14.49			A1J10.48
		A1P10.48			P11-52 (S510-1)
		P11-147 (S510-4)			A1P9.31
		A1J9.31			BUS 2
From V	W1	P2-19 (UUT J2-19)	to	W1	P1B-13C
		J1B-13C	to	ID	A1J13.6
From I	ID	A1P13.6	to	ID	P12-78 (S201-14)
From I	ID	P12-52 (S201-4)	to	ID	A1P12.44
		A1J12.44	to	ID	A1J10.4
From I	ID	A1P10.4	to	ID	P11-71 (S507-2)
From I	ID	P11-72 (S507-4)	to	ID	A1P9.27
From I	ID	A1J9.27	to	ID	BUS 2
From V	W1	P2-5 (UUT J2-5)	to	W1	P1B-14A
From I	ID	J1B-14A	to	ID	A1J13.1
From I	ID	A1P13.1	to	ID	P12-79 (S201-5)
From V	W1	P2-13 (UUT J2-13)	to	W1	P1B-14B
From I	ID	J1B-14B	to	ID	A1J13.3
From I	ID	A1P13.3	to	ID	P12-46 (S201-7)
From V	W1	P2-8 (UUT J2-8)	to	W1	P1A-5E
From I	ID	J1A-5E	to	ID	A1J14.17
From I	ID	A1P14.17	to	ID	P13-87 (S202-10)
		P13-29 (S202-4)			A1P14.50
		A1J14.50			A1J10.50
		A1P10.50			P11-244 (S510-2)
		P11-147 (S510-4)			A1P9.31
From I	ID	A1J9.31	to	ID	BUS 2
	1	D2 00 (IIIII T2 00)		r.7.1	D13 2E
		P3-22 (UUT J3-22)			P1A-3E
		J1A-3E			A1J14.13
From .	TD	A1P14.13	to	TD	P13-19 (S201-34)
Exam	TD	P12-80 (S201-2)	+ 0	TD	A1P12.40
		A1J12.40			A1J10.8
		A1012.40 A1P10.8			
					P11-139 (S508-2) A1P9.2
		P11-205 (S508-10) A1J9.2			BUS 8
LT.OIII	עע	ALU J. Z	LO	ΤD	0 600
From 5	λ 7 1	P2-40 (UUT J2-40)	tο	₩1	P1A-1F
		J1A-1F			A1J14.11
_		A1P14.11			P13-51 (S201-28)
110111		**** * 1 • * *		עב	113 31 (0201 20)
From V	w.1	P2-46 (UUT J2-46)	t.o	W1	P1B-7B
		J1B-7B			A1J12.8
110111		01D 1D		יב	111012.0

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From ID AlP12.8	to ID P12-50 (S201-30)
From W1 P2-57 (UUT J2-57) From ID J1A-7B From ID A1P15.14	to W1 P1A-7B to ID A1J15.14 to ID P13-12 (S701-40)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 218

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J3.22, J2.40, and J2.46 to ground. 28.0Vdc is applied to pin J2.29, J2.28, J1.42, J2.5, J2.13, and J2.8. Momentarily connect J2.16 to J2.44. The output measured at pin J2.57 should be greater than 13.0Vdc with respect to ground.

From W1 P2-60 (UUT J2-60) From ID J1A-1D From ID A1P14.7	to W1 P1A-1D to ID A1J14.7 to ID P13-79 (S201-20)
From ID P12-52 (S201-4) From ID A1J12.44 From ID A1P10.4 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.44 to ID A1J10.4 to ID P11-71 (S507-2) to ID A1P9.27 to ID BUS 2
From W1 P2-16 (UUT J2-16) From ID J1A-12D From ID A1P11.9 From ID P11-233 (S301-153) From ID A1J11.11	to W1 P1A-12D to ID A1J11.9 to ID P11-43 (S301-154) to ID A1P11.11 to ID A1J2.15 (DC2-HI J3-30)
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C

From ID From ID	J1A-1C A1P14.5			AlJ14.5 P13-49 (S201-17)
From ID From ID From ID	P12-20 (S201-3) A1J12.46 A1P10.2 P11-72 (S507-4) A1J9.27	to to to	ID ID ID	A1P12.46 A1J10.2 P11-39 (S507-1) A1P9.27 BUS 2
From ID	P2-62 (UUT J2-62) J1B-7C A1P12.9	to	ID	P1B-7C A1J12.9 P12-19 (S201-31)
From ID	P2-28 (UUT J2-28) J1B-9A A1P12.1	to	ID	P1B-9A A1J12.1 P12-48 (S201-15)
From ID	P2-42 (UUT J1-42) J2A-1C A1P14.34	to	ID	P1A-1C A1J14.34 P13-58 (S202-17)
From ID From ID From ID	P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31	to to to	ID ID ID	A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2
From W1 From ID	P2-5 (UUT J2-5) J1B-14A A1P13.1	to to	W1 ID	P1B-14A A1J13.1 P12-79 (S201-5)
From ID	P2-13 (UUT J2-13) J1B-14B A1P13.3	to	ID	P1B-14B A1J13.3 P12-46 (S201-7)
From ID	P2-8 (UUT J2-8) J1A-5E A1P14.17	to	ID	P1A-5E A1J14.17 P13-87 (S202-10)
From ID From ID From ID	P13-29 (S202-4) A1J14.50 A1P10.50 P11-147 (S510-4) A1J9.31	to to to	ID ID ID	A1P14.50 A1J10.50 P11-244 (S510-2) A1P9.31 BUS 2
From W1 From ID	P3-22 (UUT J3-22)	to to	W1 ID	P1A-3E A1J14.13 P13-19 (S201-34)
From ID From ID	P12-80 (S201-2) A1J12.40 A1P10.8 P11-205 (S508-10) A1J9.2	to to to	ID ID ID	A1P12.40 A1J10.8 P11-139 (S508-2) A1P9.2 BUS 8

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From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
From W1 P2-46 (UUT J2-46)	to W1 P1B-7B
From ID J1B-7B	to ID A1J12.8
From ID A1P12.8	to ID P12-50 (S201-30)
From W1 P2-57 (UUT J2-57)	to W1 P1A-7B
From ID J1A-7B	to ID A1J15.14
From ID A1P15.14	to ID P13-12 (S701-40)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 219

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J3.22, J2.40, and J2.46 to ground. 28.0Vdc is applied to pin J2.29, J2.28, J1.42, J2.5, and J2.8. The output measured at pin J2.57 should be greater than 13.0Vdc with respect to ground.

From W1 P2-60 (UUT J2-60)	to W1 P1A-1D
From ID J1A-1D	to ID A1J14.7
From ID A1P14.7	to ID P13-79 (S201-20)
From ID P12-52 (S201-4)	to ID A1P12.44
From ID A1J12.44	to ID A1J10.4
From ID A1P10.4	to ID P11-71 (S507-2)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C

From	ID	J1A-1C	to	ID	A1J14.5
From	ID	A1P14.5	to	ID	P13-49 (S201-17)
		P12-20 (S201-3)			A1P12.46
		A1J12.46			A1J10.2
		A1P10.2			P11-39 (S507-1)
		P11-72 (S507-4)	to	ID	A1P9.27
From	ID	A1J9.27	to	ID	BUS 2
		-0.50 (0.50)			-1- 50
		P2-62 (UUT J2-62)			P1B-7C
		J1B-7C			A1J12.9
From	TD	A1P12.9	to	ΤD	P12-19 (S201-31)
From	w1	P2-28 (UUT J2-28)	t.o	w1	P1B-9A
		J1B-9A			A1J12.1
		A1P12.1			P12-48 (S201-15)
-					, ,
From	W2	P2-42 (UUT J1-42)	to	W2	P1A-1C
From	ID	J2A-1C	to	ID	A1J14.34
From	ID	A1P14.34	to	ID	P13-58 (S202-17)
		P13-93 (S202-3)			A1P14.49
		A1J14.49			A1J10.48
		A1P10.48			P11-52 (S510-1)
		P11-147 (S510-4)			A1P9.31
From	ID	A1J9.31	to	ID	BUS 2
From 1	TAT 1	P2-5 (UUT J2-5)	t o	TAT 1	P1B-14A
		J1B-14A			A1J13.1
		A1P13.1			P12-79 (S201-5)
riom	ΙD	AII 13.1		דב	112 79 (5201 3)
From	W1	P2-8 (UUT J2-8)	to	W1	P1A-5E
From	ID	J1A-5E	to	ID	A1J14.17
From	ID	A1P14.17	to	ID	P13-87 (S202-10)
		P13-29 (S202-4)			A1P14.50
		A1J14.50			A1J10.50
		A1P10.50			P11-244 (S510-2)
		P11-147 (S510-4)			A1P9.31
From	ID	A1J9.31	to	ID	BUS 2
From 1	TAT 1	P3-22 (UUT J3-22)	t ^	T _A T 1	P1A-3E
		J1A-3E			A1J14.13
		A1P14.13			P13-19 (S201-34)
TIOM		7111 11.13		10	113 17 (8201 31)
From	ID	P12-80 (S201-2)	to	ID	A1P12.40
From	ID	A1J12.40			A1J10.8
		A1P10.8	to	ID	P11-139 (S508-2)
From	ID	P11-205 (S508-10)	to	ID	A1P9.2
From	ID	A1J9.2	to	ID	BUS 8
	T. 7 T	DO 40 (IIIII TO 40)		1.77	D13 1E
		P2-40 (UUT J2-40)			P1A-1F
		J1A-1F			A1J14.11
From	ΤŊ	A1P14.11	to	TD	P13-51 (S201-28)

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From W1 P2-46 (UUT J2-46) From ID J1B-7B From ID A1P12.8	to W1 P1B-7B to ID A1J12.8 to ID P12-50 (S201-30)
From W1 P2-57 (UUT J2-57) From ID J1A-7B From ID A1P15.14	to W1 P1A-7B to ID A1J15.14 to ID P13-12 (S701-40)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID AlJ15.49	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 220

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J3.22, J2.40, J2.46, and J2.56 to ground. 28.0Vdc is applied to pin J2.29, J2.28, J1.42, J2.5, and J2.8. Initiate Counter/Timer to measure the time interval between pins J2.56 and J2.57. When J2.56 decreases past 5 volts, the output at pin J2.57 should drop to less than 0.5Vdc with respect to ground in between 190 and 725 msecs.

From	ID	P2-60 (UUT J2-60) J1A-1D A1P14.7	to	ID	P1A-1D A1J14.7 P13-79 (S201-20)
From From From	ID ID ID	P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27	to to to	ID ID ID	A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2
From	ID	P2-29 (UUT J2-29) J1A-1C A1P14.5	to	ID	P1A-1C A1J14.5 P13-49 (S201-17)

From ID	P12-20 (S201-3)	tο	TD	A1P12.46
	A1J12.46			A1J10.2
	A1P10.2			P11-39 (S507-1)
	P11-72 (S507-4)			A1P9.27
From ID	A1J9.27	to	ID	BUS 2
T	DO 40 /IIII T1 40\		T-T-O	D17 10
	P2-42 (UUT J1-42)			P1A-1C
_	J2A-1C			A1J14.34
From ID	A1P14.34	to	ID	P13-58 (S202-17)
Erom ID	P13-93 (S202-3)	+ 0	TD	A1P14.49
	A1J14.49			A1J10.48
	A1P10.48			P11-52 (S510-1)
	P11-147 (S510-4)			A1P9.31
From ID	A1J9.31	to	ID	BUS 2
Exam W1	D2 E /IIIIT T2 E)	+ 0	Tu7 1	P1B-14A
	P2-5 (UUT J2-5)			
	J1B-14A			A1J13.1
From ID	A1P13.1	to	ID	P12-79 (S201-5)
Erom W1	P2-8 (UUT J2-8)	t 0	TAT 1	P1A-5E
	J1A-5E			A1J14.17
From ID	A1P14.17	to	TD	P13-87 (S202-10)
From ID	P13-29 (S202-4)	to	ID	A1P14.50
	A1J14.50			A1J10.50
	A1P10.50			P11-244 (S510-2)
	P11-147 (S510-4)			A1P9.31
From ID	A1J9.31	to	ID	BUS 2
From W1	P3-22 (UUT J3-22)	t.o	w1	P1A-3E
	J1A-3E			A1J14.13
	A1P14.13			P13-19 (S201-34)
FIOIII ID	AIP14.13	LO	ענ	P13-19 (5201-34)
From ID	P12-80 (S201-2)	to	ID	A1P12.40
From ID	A1J12.40	to	ID	A1J10.8
	A1P10.8			P11-139 (S508-2)
	P11-205 (S508-10)			A1P9.2
	A1J9.2			BUS 8
FIOIII ID	A109.2	LO	ענ	000 0
From W1	P2-40 (UUT J2-40)	to	W1	P1A-1F
From ID	J1A-1F	to	ID	A1J14.11
	A1P14.11			P13-51 (S201-28)
110111 11	1111 11.11		10	113 31 (6201 20)
From W1	P2-46 (UUT J2-46)			P1B-7B
From ID	J1B-7B	to	ID	A1J12.8
From ID	A1P12.8	to	ID	P12-50 (S201-30)
	DO 57 (1999 TO 57)		T.T.7	D17 7D
	P2-57 (UUT J2-57)			P1A-7B
	J1A-7B			A1J15.14
From ID	A1P15.14	t.o	ID	P13-12 (S701-40)
		• •		
From ID			ΤD	λ1D12 /Q
	P12-44 (S701-2) A1J12.48	to		A1P12.48 A1J10.1

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From ID A1P10.1
From ID P11-164 (S506-3)
From ID A1J9.23

From ID A1J9.23

From ID P20-2 (DMM-HI)
From ID A1J15.49
From ID A1P8.28
From ID A1P8.28
From ID P10-77 (S503-3)
From ID A1J6.13

From ID P20-3 (DMM-LO)
From ID A1J15.50
From ID A1J15.50
From ID A1P7.38
From ID P10-229 (S301-24)
From ID A1J7.36

From ID A1J7.36
From ID A1J7.36

Step 221

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.62, J1.41, J2.47 and J2.17. The output measured at pin J2.57 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From W1 P2-29 (UUT J2-29) to W1 P1A-1C From ID J1A-1C to ID A1J14.5 to ID P13-49 (S201-17) From ID A1P14.5 From ID P12-20 (S201-3) to ID A1P12.46
From ID A1J12.46 to ID A1J10.2
From ID A1P10.2 to ID P11-39 (S507-1)
From ID P11-72 (S507-4) to ID A1P9.27
From ID A1J9.27 to ID BUS 2 From ID A1J9.27 to ID BUS 2 From W1 P2-62 (UUT J2-62) to W1 P1B-7C From ID J1B-7C to ID A1J12.9 From ID A1P12.9 From ID A1P12.9 to ID P12-19 (S201-31) From W2 P2-41 (UUT J1-41) to W2 P1B-12D From ID J2B-12D to ID A1J12.33 to ID P12-26 (S202-15) From ID A1P12.33 From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 to ID BUS 2 to ID BUS 2

From W1 P2-47 (UUT J2-47) to W1 P1A-3F

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) J1A-3F) A1P14.14			A1J14.14 P13-18 (S201-35)
From ID	P2-17 (UUT J2-17) J1A-2B A1P14.4	to	ID	P1A-2B A1J14.4 P13-48 (S201-12)
From ID From ID From ID) A1J12.44) A1P10.4) P11-72 (S507-4)	to to to	ID ID ID	A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2
From ID	P2-57 (UUT J2-57) J1A-7B A1P15.14	to	ID	P1A-7B A1J15.14 P13-12 (S701-40)
From ID From ID From ID	A1J12.48 A1P10.1	to to to	ID ID ID	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1
From ID From ID From ID	A1P8.28	to to to	ID ID ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
From ID From ID From ID	A1J15.50	to to to	ID ID ID	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36

Step 222

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.29, J2.62, J1.41, J2.47, and to J2.17. Connect J3.14 to J3.16. The output measured at pin J2.57 should be greater than 13.0Vdc with respect to ground.

From W1 P3-16 (UUT J3-16)	to W1 P1B-6C
From ID J1B-6C	to ID A1J12.12
From ID A1P12.12	to ID P12-53 (S201-39)
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5

		71714 5		TD	D12 40 (C001 15)
From	TD	A1P14.5	to	TD	P13-49 (S201-17)
Ezcom	TD	D12 20 (C201 2)	+ 0	TD	A1P12.46
		P12-20 (S201-3) A1J12.46			A1J10.2
		A1012.46 A1P10.2			P11-39 (S507-1)
		P11-72 (S507-4)			A1P9.27
From	TD	A1J9.27	to	TD	BUS 2
From	TAT 1	P2-62 (UUT J2-62)	t 0	TAT 1	P1B-7C
		J1B-7C			A1J12.9
_		A1P12.9			P12-19 (S201-31)
110111	ΙD	AII IZ.)		דע	112 17 (5201 51)
From	W2	P2-41 (UUT J1-41)	to	W2	P1B-12D
		J2B-12D	to	ID	A1J12.33
From	ID	A1P12.33			P12-26 (S202-15)
					,
From	ID	P13-93 (S202-3)	to	ID	A1P14.49
From	ID	A1J14.49	to	ID	A1J10.48
From	ID	A1P10.48	to	ID	P11-52 (S510-1)
From	ID	P11-147 (S510-4)	to	ID	A1P9.31
From	ID	A1J9.31	to	ID	BUS 2
From	W1	P2-47 (UUT J2-47)	to	W1	P1A-3F
From	ID	J1A-3F	to	ID	A1J14.14
From	ID	A1P14.14	to	ID	P13-18 (S201-35)
		P2-17 (UUT J2-17)			P1A-2B
		J1A-2B			A1J14.4
From	ID	A1P14.4	to	ID	P13-48 (S201-12)
		P12-52 (S201-4)			A1P12.44
		A1J12.44			A1J10.4
		A1P10.4			P11-71 (S507-2)
		P11-72 (S507-4)			A1P9.27
From	TD	A1J9.27	to	TD	BUS 2
Exom	TAT 1	P2-57 (UUT J2-57)	+ 0	TAT 1	P1A-7B
		J1A-7B			A1J15.14
		A1P15.14			P13-12 (S701-40)
FIOIII	ΙD	AIF13.14	CO	ΙD	FIS IZ (5/01 40)
From	TD	P12-44 (S701-2)	to	TD	A1P12.48
		A1J12.48			A1J10.1
		A1P10.1			P11-162 (S506-2)
		P11-164 (S506-3)			A1P9.23
		Alj9.23			BUS 1
From	ID	P20-2 (DMM-HI)	to	ID	A1P15.49
		A1J15.49	to	ID	A1J8.28
		A1P8.28	to	ID	P10-203 (S503-1)
		P10-77 (S503-3)			A1P6.13
From	ID	A1J6.13	to	ID	BUS 1
From	ID	P20-3 (DMM-LO)	to	ID	A1P15.50
From	ID	A1J15.50	to	ID	A1J7.38

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From ID A1P7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 223

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.38. The output measured at pin J3.19 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From W1 P2-38 (UUT J2-38)
From ID J1B-8B
From ID AlP12.5
From ID AlP12.5
From ID P12-20 (S201-3)
From ID AlJ12.46
From ID AlJ12.46
From ID AlJ12.46
From ID P11-72 (S507-4)
From ID P11-72 (S507-4)
From ID AlJ9.27
From ID AlJ9.27
From ID J1B-9F
From ID J1B-9F
From ID AlP13.24
From ID AlP13.24
From ID AlP13.24
From ID AlP13.24
From ID AlJ12.48
From ID AlJ12.48
From ID AlJ12.48
From ID AlJ10.1
From ID P11-164 (S506-3)
From ID AlJ9.23
From ID AlJ15.49
From ID AlP18.28
From ID AlP18.28
From ID AlP18.28
From ID AlP6.13
From ID P20-3 (DMM-LO)
From ID P20-3 (DMM-LO)
From ID P10-229 (S301-24)
From ID AlP7.36
From ID AlJ7.36

Step 224

Description:

This step applies 15.0 Vdc to pin J3.30, and -15.0 Vdc to pin J3.29 with respect to J3.10. 28.0 Vdc is applied to pins J2.32 and

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J1.70 with respect to J2.11. 28.0 Vdc is applied to J2.38. Short pin J2.39 to ground. The output measured at pin J3.19 should be greater than 13.0 Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24	to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 225

Description:

This step applies 15.0 Vdc to pin J3.30, and -15.0 Vdc to pin J3.29 with respect to J3.10. 28.0 Vdc is applied to pins J2.32 and

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J1.70 with respect to J2.11. 28.0Vdc is applied to J2.38. Short pins J2.39 and J3.22 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
FIOM ID AIF14.15	CO 1D F13 19 (B201 34)
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID AlJ14.9
From ID A1P14.9	to ID P13-17 (S201-26)
FIOM ID AIP14.9	CO 1D P13-17 (S201-20)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1012.40 From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	
	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P3-19 (UUT J3-19)	to W1 P1B-9F
From ID J1B-9F	to ID A1J13.24
From ID A1P13.24	to ID P12-43 (S701-44)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
FION ID A109.23	CO ID BOS I
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID AlJ7.36	to GROUND
LIOU ID AIO 1.30	CO GYOOND

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Step 226

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.38. Short pins J2.39, J3.22 and J2.40 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID AlJ14.13
From ID AlP14.13	to ID P13-19 (S201-34)
From W1 P2-39 (UUT J2-39)	+
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
TIOM ID MITTIES	CO 1D 113 17 (D201 20)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID AlJ12.46	to ID AlJ10.2
From ID A1910.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID Alp9.27
From ID A1J9.27	to ID BUS 2
FIOM ID A109.27	CO ID B03 Z
From W1 P3-19 (UUT J3-19)	to W1 P1B-9F
From ID J1B-9F	to ID A1J13.24
From ID AlP13.24	to ID P12-43 (S701-44)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
110111 12 110 // (0303 3)	CO ID AII 0.13

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From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50 from ID A1J15.50 to ID A1J7.38 from ID A1P7.38 to ID P10-130 (S301-23) from ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 227

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.38 and J1.22. Short pins J2.39, J3.22, and J2.40 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W2 P2-22 (UUT J1-22) to W2 P1A-4F to ID A1J14.46

From ID J2A-4F From ID A1P14.46 to ID P13-95 (S202-43) From ID A1P14.46

From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 to ID BUS 2

From ID AlJ9.31 to ID BUS 2

From W1 P2-40 (UUT J2-40) to W1 P1A-1F to ID A1J14.11 from ID A1P14.11 to ID P13-51 (S201-28)

From W1 P3-22 (UUT J3-22) to W1 P1A-3E to ID J1A-3E

to ID P13-19 (S201-34) From ID A1P14.13

From W1 P2-39 (UUT J2-39) to W1 P1A-1E From ID J1A-1E

to ID A1J14.9 to ID P13-17 (S201-26) From ID A1P14.9

From ID P12-80 (S201-2) to ID A1P12.40 From ID A1J12.40 to ID A1J10.8 From ID A1P10.8 to ID P11-139 (

to ID P11-139 (S508-2)

From ID A1J9.2 to ID BUS 8

From W1 P2-38 (UUT J2-38) to W1 P1B-8B to ID A1J12.5

From ID A1P12.5 to ID P12-17 (S201-23)

From ID P12-20 (S201-3) to ID A1P12.46 From ID A1J12.46 to ID A1J10.2

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From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24	to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 228

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.38 and J1.22 and. Short J3.22 and J2.40 to ground. The output measured at pin J3.19 should be less than 0.5Vdc with respect to ground.

From W2 P2-22 (UUT J1-22) From ID J2A-4F From ID A1P14.46	to W2 P1A-4F to ID A1J14.46 to ID P13-95 (S202-43)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11 From W1 P3-22 (UUT J3-22) From ID J1A-3E	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28) to W1 P1A-3E to ID A1J14.13

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From ID AlP14.13	to ID P13-19 (S201-34)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24	to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 229

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.38 and J1.22. Short pins J2.39, J3.22, and J2.40 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W1 P2-39 (UUT J2-39) to W1 P1A-1E From ID J1A-1E to ID A1J14.9

From ID A1P14.9	to ID P13-17 (S201-26)
Eron Ma Da aa (IIIIm II aa)	to W2 P1A-4F
From W2 P2-22 (UUT J1-22) From ID J2A-4F	
	to ID A1J14.46
From ID A1P14.46	to ID P13-95 (S202-43)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID AlJ14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
110111111111	20 15 113 31 (5201 20)
From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID AlJ14.13
From ID AlP14.13	to ID P13-19 (S201-34)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID AlJ12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)
FIOM ID AIPIZ.5	CO ID PIZ-17 (5201-23)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID AlJ9.27	to ID BUS 2
From W1 P3-19 (UUT J3-19)	to W1 P1B-9F
From ID J1B-9F	to ID A1J13.24
From ID A1P13.24	to ID P12-43 (S701-44)
110111111111111111111111111111111111111	
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID AlJ9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
	L. ID 11D15 50
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38

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From ID A1P7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 230

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.38 and J1.22. Short pins J2.39 and J2.40 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From W2 P2-22 (UUT J1-22) From ID J2A-4F From ID A1P14.46	to W2 P1A-4F to ID A1J14.46 to ID P13-95 (S202-43)
	to ID A1J10.48 to ID P11-52 (S510-1)
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
	to ID A1J10.8 to ID P11-139 (S508-2)
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23)
From ID A1P10.2	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24	to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44)

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From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 231

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.38 and J1.22. Short pin J2.39 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID AlP14.9	to ID P13-17 (S201-26)
From W2 P2-22 (UUT J1-22)	to W2 P1A-4F
From ID J2A-4F	to ID A1J14.46
From ID A1P14.46	to ID P13-95 (S202-43)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID AlJ9.2	to ID BUS 8
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)

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From ID AlJ12.46 From ID AlP10.2	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24	to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44)
From ID P12-44 (S701-2) From ID A1J12.48	to ID A1P12.48 to ID A1J10.1
From ID A1P10.1 From ID P11-164 (S506-3)	to ID P11-162 (S506-2)
From ID AlJ9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49	to ID A1P15.49 to ID A1J8.28
From ID A1P8.28 From ID P10-77 (S503-3)	to ID P10-203 (S503-1) to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 232

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.38 and J1.22. Short pins J2.39 and J3.22 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From W2 P2-22 (UUT J1-22) From ID J2A-4F From ID A1P14.46	to W2 P1A-4F to ID A1J14.46 to ID P13-95 (S202-43)
From ID P13-93 (S202-3) From ID A1J14.49	to ID A1P14.49 to ID A1J10.48

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From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to TD A1P9.31
From ID A1J9.31	to ID BUS 2
110m 1D A107.51	CO 1D DOD 2
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID AlJ10.8
From ID A1012.40 From ID A1P10.8	
	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID AlJ12.5
From ID A1P12.5	
From ID AIPI2.5	to ID P12-17 (S201-23)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P3-19 (UUT J3-19)	to W1 P1B-9F
From ID J1B-9F	to ID A1J13.24
From ID A1P13.24	to ID P12-43 (S701-44)
11011 15 1111 13.21	20 12 112 13 (5,01 11)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
11011107.23	20 12 205 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID AlJ15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
riom id Aioo.is	CO TO SOU I
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID AlJ15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND
FIUM ID AIU/.30	CO GROUND

Step 233

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J2.38 and J1.22. Short pins J2.39, J3.22, and J2.40 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
FIOM ID AIF14.11	CO 1D F13-31 (5201-20)
H 1:11 D2 22 / 1:11:11 T2 22)	+- W1 D17 2D
From W1 P3-22 (UUT J3-22)	
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
110111 11011111111111111111111111111111	00 10 113 17 (5201 20)
Erom W2 D2 22 /IIIIT T1 22\	to W2 P1A-4F
From W2 P2-22 (UUT J1-22)	
From ID J2A-4F	to ID AlJ14.46
From ID AlP14.46	to ID P13-95 (S202-43)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
FIOM ID A109.31	CO 1D BOS 2
F ID D12 00 (G201 2)	L- ID 31D10 40
From ID P12-80 (S201-2)	to ID A1P12.40
From ID AlJ12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
110111110011	
110111109.2	
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From W1 P2-38 (UUT J2-38) From ID J1B-8B	to W1 P1B-8B to ID A1J12.5
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23)
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3)	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23)
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23)
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4)	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1)
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4)	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27 From W1 P3-19 (UUT J3-19)	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2 to W1 P1B-9F
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27 From W1 P3-19 (UUT J3-19) From ID J1B-9F	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2 to W1 P1B-9F to ID A1J13.24
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27 From W1 P3-19 (UUT J3-19)	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2 to W1 P1B-9F
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27 From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2 to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44)
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27 From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24 From ID P12-44 (S701-2)	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2 to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44) to ID A1P12.48
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27 From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24 From ID P12-44 (S701-2) From ID A1J12.48	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2 to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44) to ID A1P12.48 to ID A1J10.1
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27 From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24 From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2 to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44) to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2)
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27 From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24 From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3)	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2 to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44) to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27 From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24 From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2 to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44) to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2)
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27 From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24 From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3)	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2 to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44) to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27 From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24 From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3)	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2 to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44) to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27 From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24 From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2 to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44) to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27 From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24 From ID P12-44 (S701-2) From ID A1J12.48 From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23 From ID P20-2 (DMM-HI) From ID A1J15.49	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2 to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44) to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1 to ID A1P15.49 to ID A1J8.28
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27 From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24 From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID P11-164 (S506-3) From ID A1J9.23 From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2 to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44) to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1 to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1)
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27 From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24 From ID P12-44 (S701-2) From ID A1J12.48 From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23 From ID P20-2 (DMM-HI) From ID A1J15.49	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2 to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44) to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1 to ID A1P15.49 to ID A1J8.28

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From ID P20-3 (DMM-LO) to ID A1P15.50 from ID A1J15.50 to ID A1J7.38 from ID A1P7.38 to ID P10-130 (S301-23) from ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 234

Description:

This step applies 15.0 Vdc to pin J3.30, and -15.0 Vdc to pin J3.29 with respect to J3.10. 28.0 Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.39 to ground. The output measured at pin J3.19 should be less than 0.5 Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC" From W1 P2-39 (UUT J2-39) to W1 P1A-1E From ID J1A-1E to ID A1J14.9 From ID A1P14.9 to ID P13-17 (S201-26) From ID P12-80 (S201-2) to ID A1P12.40 from ID A1J12.40 to ID A1J10.8 from ID A1P10.8 to ID P11-139 (S508-2) from ID P11-205 (S508-10) to ID A1P9.2 from ID A1J9.2 to ID BUS 8 From ID A1J9.2 to ID BUS 8 From W1 P3-19 (UUT J3-19) to W1 P1B-9F From ID J1B-9F to ID A1013.21 to ID P12-43 (S701-44) From ID P12-44 (S701-2) to ID A1P12.48
From ID A1J12.48 to ID A1J10.1
From ID A1P10.1 to ID P11-162 (
From ID P11-164 (S506-3) to ID A1P9.23
From ID A1J9.23 to ID BUS 1 to ID P11-162 (S506-2) From ID A1J9.23 to ID BUS 1 From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1 to ID BUS 1 From ID AlJ6.13 From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND From ID A1J7.36 to GROUND

Step 235

Description:

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This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.39 and J3.22 to ground. The output measured at pin J3.19 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24	to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 236

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.39, J3.22, and J2.40 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

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Connection Path is as follows: See "UUT Power"

 From W1 P2-40 (UUT J2-40)
 to W1 P1A-1F

 From ID J1A-1F
 to ID A1J14.11

 From ID A1P14.11
 to ID P13-51 (S201-28)

From W1 P3-22 (UUT J3-22) to W1 P1A-3E from ID J1A-3E to ID A1J14.13 from ID A1P14.13

From ID A1P14.13 to ID P13-19 (S201-34)

From W1 P2-39 (UUT J2-39) to W1 P1A-1E From ID J1A-1E to ID A1J14.9

to ID P13-17 (S201-26) From ID A1P14.9

From ID P12-80 (S201-2) to ID A1P12.40 from ID A1J12.40 to ID A1J10.8 from ID A1P10.8 to ID P11-139 (S508-2) from ID P11-205 (S508-10) to ID A1P9.2

From ID A1J9.2 to ID BUS 8

From W1 P3-19 (UUT J3-19) to W1 P1B-9F From ID J1B-9F to ID A1J13.24 to ID AlJ13.24 to ID P12-43 (S701-44)

From ID A1P13.24

From ID P12-44 (S701-2) to ID A1P12.48

From ID A1J12.48 to ID A1J10.1

From ID A1P10.1 to ID P11-162 (S506-2)

From ID P11-164 (S506-3) to ID A1P9.23

From ID A1J9.23 to ID BUS 1

From ID AlJ9.23 to ID BUS 1

From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID AlJ6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50 to ID A1J7.38 From ID A1P7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 237

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J1.8. Short pins J2.39, J3.22, and J2.40 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

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From W2 P2-8 (UUT J1-8)	to W2 P1A-2B
From ID J2A-2B	to ID A1J14.31
From ID A1P14.31	to ID P13-30 (S202-41)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
	11- 1-
From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
110 12 1111111	00 12 110 19 (2101 01)
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
Errom W1 D2 10 /IIIII T2 10\	+
From W1 P3-19 (UUT J3-19) From ID J1B-9F	to W1 P1B-9F
From ID A1P13.24	to ID AlJ13.24
From ID AIPI3.24	to ID P12-43 (S701-44)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
Erom ID D20 2 (DMM IO)	to ID A1P15.50
From ID P20-3 (DMM-LO) From ID A1J15.50	to ID AIPIS.50
From ID A1013.30 From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	
From ID A1J7.36	to GROUND
TIOM ID AIO/.JU	CO GIVOUID

Step 238

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin

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J3.29 with respect to J3.10. 28.0 Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0 Vdc is applied to J1.8. Short pins J3.22 and J2.40 to ground. The output measured at pin J3.19 should be less than 0.5 Vdc with respect to ground.

From	W2	P2-8 (UUT J1-8)	to	W2	P1A-2B
From	ID	J2A-2B	to	ID	A1J14.31
From	ID	A1P14.31	to	ID	P13-30 (S202-41)
From	ID	P13-93 (S202-3)	to	ID	A1P14.49
From	ID	A1J14.49	to	ID	A1J10.48
From	ID	A1P10.48	to	ID	P11-52 (S510-1)
From	ID	P11-147 (S510-4)			A1P9.31
		A1J9.31	to	ID	BUS 2
From	W1	P2-40 (UUT J2-40)	to	W1	P1A-1F
From	ID	J1A-1F	to	ID	A1J14.11
From	ID	A1P14.11	to	ID	P13-51 (S201-28)
					,
From	W1	P3-22 (UUT J3-22)	to	W1	P1A-3E
From	ID	J1A-3E	to	ID	A1J14.13
From	ID	A1P14.13	to	ID	P13-19 (S201-34)
From	ID	P12-80 (S201-2)	to	ID	A1P12.40
From	ID	A1J12.40	to	ID	A1J10.8
From	ID	A1P10.8	to	ID	P11-139 (S508-2)
					A1P9.2
		A1J9.2			BUS 8
		1120712			
From	W1	P3-19 (UUT J3-19)	to	W1	P1B-9F
		J1B-9F	to	ID	A1J13.24
		A1P13.24			P12-43 (S701-44)
					,
From	ID	P12-44 (S701-2)	to	ID	A1P12.48
From	ID	A1J12.48	to	ID	A1J10.1
From	ID	A1P10.1	to	ID	P11-162 (S506-2)
From	ID	P11-164 (S506-3)	to	ID	A1P9.23
		A1J9.23	to	ID	BUS 1
From	ID	P20-2 (DMM-HI)	to	ID	A1P15.49
From	ID	A1J15.49	to	ID	A1J8.28
		A1P8.28			P10-203 (S503-1)
		P10-77 (S503-3)			A1P6.13
		A1J6.13			BUS 1
					202 2
From	ID	P20-3 (DMM-LO)	to	ID	A1P15.50
From	ID	A1J15.50	to	ID	A1J7.38
		A1P7.38			P10-130 (S301-23)
		P10-229 (S301-24)			A1P7.36
		A1J7.36			DUND

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Step 239

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J1.8. Short pins J2.39, J3.22, and J2.40 to ground. The output measured at pin J3.19 should be less than 0.5Vdc with respect to ground.

From W1 P2-39 (UUT J2-39)	
From ID J1A-1E From ID A1P14.9	to ID A1J14.9 to ID P13-17 (S201-26)
From W2 P2-8 (UUT J1-8) From ID J2A-2B	to W2 P1A-2B to ID A1J14.31
From ID A1P14.31	to ID P13-30 (S202-41)
From ID AlJ14.49	to ID A1P14.49 to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From W1 P2-40 (UUT J2-40)	
From ID J1A-1F From ID A1P14.11	to ID A1J14.11
FION ID AIP14.II	to ID P13-51 (S201-28)
· · · · · · · · · · · · · · · · · · ·	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID AlJ12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P3-19 (UUT J3-19)	to W1 P1B-9F
From ID J1B-9F	to ID A1J13.24
From ID A1P13.24	to ID P12-43 (S701-44)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1 From ID P11-164 (S506-3)	to ID P11-162 (S506-2)
From ID P11-164 (S506-3) From ID AlJ9.23	to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49	to ID A1P15.49 to ID A1J8.28
From ID A1013.49 From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID Alp6.13
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From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50

From ID A1J15.50 to ID A1J7.38

From ID A1P7.38 to ID P10-130 (S301-23)

From ID P10-229 (S301-24) to ID A1P7.36

From ID A1J7.36 to GROUND

Step 240

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J1.8. Short pins J2.39 and J3.22 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From W2 P2-8 (UUT J1-8) From ID J2A-2B From ID A1P14.31	to W2 P1A-2B to ID A1J14.31 to ID P13-30 (S202-41)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24	to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1

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From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 241

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J1.8. Short pin J2.39 to ground. The output measured at pin J3.19 should be less than 0.5Vdc with respect to ground.

From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From W2 P2-8 (UUT J1-8) From ID J2A-2B From ID A1P14.31	to W2 P1A-2B to ID A1J14.31 to ID P13-30 (S202-41)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24	to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1

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From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 242

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J1.8. Short pins J2.39 and J2.40 to ground. The output measured at pin J3.19 should be less than 0.5Vdc with respect to ground.

From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From W2 P2-8 (UUT J1-8) From ID J2A-2B From ID A1P14.31	to W2 P1A-2B to ID A1J14.31 to ID P13-30 (S202-41)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1J10.48 to ID P11-52 (S510-1)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1J10.8 to ID P11-139 (S508-2)
From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24	to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44)

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From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 243

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J1.8. Short pins J2.39, J2.40, and J3.22 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From W2 P2-8 (UUT J1-8) From ID J2A-2B From ID A1P14.31	to W2 P1A-2B to ID A1J14.31 to ID P13-30 (S202-41)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From ID P12-80 (S201-2) From ID A1J12.40	to ID A1P12.40 to ID A1J10.8

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From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24	to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 244

Description:

This step applies 15.0 Vdc to pin J3.30, and -15.0 Vdc to pin J3.29 with respect to J3.10. 28.0 Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.39 to ground. The output measured at pin J3.19 should be less than 0.5 Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID AlP12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P3-19 (UUT J3-19)	to W1 P1B-9F
From ID J1B-9F	to ID A1J13.24
From ID A1P13.24	to ID P12-43 (S701-44)
From ID P12-44 (S701-2)	to ID A1P12.48

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From From	ID ID	A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23	to to	ID A1J1(ID P11-1 ID A1P9. ID BUS 1	L62 (S506-2) .23
From	ID	P20-2 (DMM-HI)	to	ID A1P15	5.49
From	ID	A1J15.49	to	ID A1J8.	. 28
From	ID	A1P8.28	to	ID P10-2	203 (S503-1)
From	ID	P10-77 (S503-3)	to	ID A1P6.	.13
From	ID	A1J6.13	to	ID BUS 1	L
From	ID	P20-3 (DMM-LO)	to	ID A1P15	5.50
From	ID	A1J15.50	to	ID A1J7.	. 38
From	ID	A1P7.38	to	ID P10-1	L30 (S301-23)
From	ID	P10-229 (S301-24)	to	ID A1P7.	. 36
From	ID	A1J7.36	to	GROUND	

Step 245

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.39 and J2.40 to ground. The output measured at pin J3.19 should be less than 0.5Vdc with respect to ground.

From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From W1 P2-39 (UUT J2-39)	
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID A1J12.40	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P3-19 (UUT J3-19)	to W1 P1B-9F
From ID J1B-9F	to ID A1J13.24
From ID A1P13.24	to ID P12-43 (S701-44)
From ID P12-44 (S701-2)	
From ID AlJ12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49

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From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 246

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.39, J2.40, and J3.22 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

From W1 P3-22 (UUT J3-22)	
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40)	
From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
From W1 P2-39 (UUT J2-39)	
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P3-19 (UUT J3-19)	to W1 P1B-9F
From ID J1B-9F	to ID A1J13.24
From ID A1P13.24	to ID P12-43 (S701-44)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
	to ID AlP15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)

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From ID P10-77 (S503-3) to ID A1P6.13 from ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50 from ID A1J15.50 to ID A1J7.38 from ID A1P7.38 to ID P10-130 (S301-23) from ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 247

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.39, J2.40, and J3.22 to ground. 28.0Vdc is applied to J1.22. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

From W2 P2-22 (UUT J1-22) From ID J2A-4F From ID A1P14.46	to W2 P1A-4F to ID A1J14.46 to ID P13-95 (S202-43)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24	to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44)
From ID P12-44 (S701-2)	to ID A1P12.48

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From ID A1J12.48

From ID A1P10.1

From ID A1P10.1

From ID P11-164 (S506-3)

From ID A1J9.23

From ID A1J9.23

From ID A1J15.49

From ID A1J15.49

From ID A1P8.28

From ID P10-77 (S503-3)

From ID A1J6.13

From ID A1J15.50

From ID A1J15.50

From ID A1P7.38

From ID P10-229 (S301-24)

From ID A1J7.36

From ID A1J7.36

To ID A1P7.36

From ID A1J7.36

Step 248

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.40 and J3.22 to ground. 28.0Vdc is applied to J1.22. The output measured at pin J3.19 should be less than 0.5Vdc with respect to ground.

From W2 P2-22 (UUT J1-22) From ID J2A-4F From ID A1P14.46	to W2 P1A-4F to ID A1J14.46 to ID P13-95 (S202-43)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1J10.48 to ID P11-52 (S510-1)
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
	to ID A1J10.8 to ID P11-139 (S508-2)
From W1 P3-19 (UUT J3-19)	to W1 P1B-9F

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From ID J1B-9F	to ID A1J13.24
From ID A1P13.24	to ID P12-43 (S701-44)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 249

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.39, J2.40, and J3.22 to ground. 28.0Vdc is applied to J1.22. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From W2 P2-22 (UUT J1-22) From ID J2A-4F From ID A1P14.46	to W2 P1A-4F to ID A1J14.46 to ID P13-95 (S202-43)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)

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From	W1	P2-39 (UUT J2-39)	to	W1	P1A-1E
From	ID	J1A-1E	to	ID	A1J14.9
From	ID	A1P14.9	to	ID	P13-17 (S201-26)
From	ID	P12-80 (S201-2)	to	ID	A1P12.40
From	ID	A1J12.40	to	ID	A1J10.8
From	ID	A1P10.8	to	ID	P11-139 (S508-2)
From	ID	P11-205 (S508-10)	to	ID	A1P9.2
From	ID	A1J9.2	to	ID	BUS 8
From	W1	P3-19 (UUT J3-19)	to	W1	P1B-9F
From	ID	J1B-9F	to	ID	A1J13.24
From	ID	A1P13.24	to	ID	P12-43 (S701-44)
From	ID	P12-44 (S701-2)	to	ID	A1P12.48
		A1J12.48	to	ID	A1J10.1
From	ID	A1P10.1	to	ID	P11-162 (S506-2)
From	ID	P11-164 (S506-3)			A1P9.23
		A1J9.23			BUS 1
From	TD	P20-2 (DMM-HI)	t.o	TD	A1P15.49
		A1J15.49			A1J8.28
		A1P8.28			P10-203 (S503-1)
From	ID	P10-77 (S503-3)			A1P6.13
		A1J6.13	to	ID	BUS 1
From	TD	P20-3 (DMM-LO)	t.o	TD	A1P15.50
		A1J15.50			A1J7.38
_					P10-130 (S301-23)
		P10-229 (S301-24)			A1P7.36
		A1J7.36			DUND
250					

Step 250

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.39 and J3.22 to ground. 28.0Vdc is applied to J1.22. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

From W1	P2-39 (UUT J2-39)	to '	W1	P1A-1E
From ID	J1A-1E	to	ID	A1J14.9
From ID	A1P14.9	to	ID	P13-17 (S201-26)
From W2	P2-22 (UUT J1-22)	to '	W2	P1A-4F
From ID	J2A-4F	to	ID	A1J14.46
From ID	A1P14.46	to	ID	P13-95 (S202-43)
From ID	P13-93 (S202-3)	to	ID	A1P14.49
From ID	A1J14.49	to	ID	A1J10.48

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From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24	to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 251

Description:

This step applies 15.0 Vdc to pin J3.30, and -15.0 Vdc to pin J3.29 with respect to J3.10. 28.0 Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pin J2.39 to ground. 28.0 Vdc is applied to J1.22. The output measured at pin J3.19 should be less than 0.5 Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W1 P2-39 (UUT J2-39) to W1 P1A-1E From ID J1A-1E to ID A1J14.9

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From ID A1P14.9	to ID P13-17 (S201-26)
From W2 P2-22 (UUT J1-22)	to W2 P1A-4F
From ID J2A-4F	to ID A1J14.46
From ID A1P14.46	to ID P13-95 (S202-43)
110 12 1111110	00 12 110 00 (2101 10)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID AlJ14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
110 1110) 101	00 12 200 1
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P3-19 (UUT J3-19)	to W1 P1B-9F
From ID J1B-9F	to ID A1J13.24
From ID A1P13.24	to ID P12-43 (S701-44)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
11000110	00 12 200 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 252

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.39 and J2.40 to ground. 28.0Vdc is applied to J1.22. The output measured at pin J3.19 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows:

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See	"UUT	Power"
See	O O.T.	Power

From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
FIOM ID AIF14.9	CO ID F13-17 (3201-20)
From W2 P2-22 (UUT J1-22)	to W2 P1A-4F
From ID J2A-4F	to ID AlJ14.46
From ID A1P14.46	to ID P13-95 (S202-43)
F	L. TD 31D14 40
From ID P13-93 (S202-3)	to ID A1P14.49
From ID AlJ14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID AlJ12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
TIOM ID AIO).Z	CO 1D DOD 0
From W1 P3-19 (UUT J3-19)	to W1 P1B-9F
From ID J1B-9F	to ID AlJ13.24
From ID A1P13.24	to ID P12-43 (S701-44)
FIOU ID AIPI3.24	to ID PIZ-43 (5/01-44)
D. D. D. D. D. A. A. A. (1970)	L- ID 31D10 40
,	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID AlP10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND
FIOR ID AIU/.30	CO GROOND

Date: 04 March 2016

Step 253

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Short pins J2.39, J2.40, and J3.22 to ground. 28.0Vdc is applied to J1.22. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

See "UUT Power"	
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From W2 P2-22 (UUT J1-22) From ID J2A-4F From ID A1P14.46	to W2 P1A-4F to ID A1J14.46 to ID P13-95 (S202-43)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24	to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1

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From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 254

Description:

This step applies 15.0 Vdc to pin J3.30, and -15.0 Vdc to pin J3.29 with respect to J3.10. 28.0 Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. The output measured at pin J3.19 should be less than 0.5 Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24	to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 255

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Connect J3.14 to J3.16. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

Date: 04 March 2016

Connection Path is as follows: See "UUT Power"

From W1 P3-16 (UUT J3-16) to W1 P1B-6C From ID J1B-6C to ID A1J12.12 From ID A1P12.12 to ID P12-53 (S201-39)

From W1 P3-19 (UUT J3-19) to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44)

From ID P12-44 (S701-2) to ID A1P12.48
From ID A1J12.48 to ID A1J10.1
From ID A1P10.1 to ID P11-162 (S506-2)
From ID P11-164 (S506-3) to ID A1P9.23
From ID A1J9.23 to ID BUS 1

From ID A1J9.23

From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

to ID BUS 1

Step 256

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Connect J3.14 to J3.16. Short pins J2.39 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W1 P2-39 (UUT J2-39) to W1 P1A-1E from ID J1A-1E to ID AlJ14.9

From ID A1P14.9

From ID P12-80 (S201-2) to ID A1P12.40 from ID A1J12.40 to ID A1J10.8 from ID A1P10.8 to ID P11-139 (S508-2) from ID P11-205 (S508-10) to ID A1P9.2 from ID A1J9.2

From ID A1J9.2

From ID P12-44 (S701-2) to ID A1P12.48 From ID A1J12.48 to ID A1J10.1 From ID A1P10.1 to ID P11-162 (S506-2)

to ID P13-17 (S201-26)

to ID BUS 8

Date: 04 March 2016

From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID AlJ15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID AlP6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 257

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Connect J3.14 to J3.16. Short pins J2.39 and J2.40 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

From	ID	P2-40 (UUT J2-40) J1A-1F A1P14.11	to	ID	P1A-1F A1J14.11 P13-51 (S201-28)
		(P1A-1E
_		J1A-1E A1P14.9			A1J14.9 P13-17 (S201-26)
From	ID	P12-80 (S201-2)	to	ID	A1P12.40
					A1J10.8
From	ID	A1P10.8	to	ID	P11-139 (S508-2)
From	ID	P11-205 (S508-10)	to	ID	A1P9.2
From	ID	A1J9.2	to	ID	BUS 8
	ID		to	ID	A1J10.1
From	ID	A1P10.1 P11-164 (S506-3) A1J9.23	to	ID	P11-162 (S506-2) A1P9.23 BUS 1
From From	ID ID	P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI)	to to	ID ID	A1P9.23 BUS 1 A1P15.49
From From From	ID ID ID ID	P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49	to to to	ID ID ID	A1P9.23 BUS 1
From From From From From	ID ID ID ID ID	P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49	to to to to	ID ID ID ID	A1P9.23 BUS 1 A1P15.49 A1J8.28 P10-203 (S503-1)
From From From From From From	ID ID ID ID ID ID	P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28	to to to to	ID ID ID ID ID	A1P9.23 BUS 1 A1P15.49 A1J8.28 P10-203 (S503-1)

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From ID AlJ15.50 to ID AlJ7.38 from ID AlP7.38 to ID P10-130 (S301-23) from ID P10-229 (S301-24) to ID AlP7.36 from ID AlJ7.36 to GROUND

Step 258

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Connect J3.14 to J3.16. Short pins J2.39, J2.40, and J3.22 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Date: 04 March 2016

Step 259

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Connect J3.14 to J3.16. Short pins J2.40 and J3.22 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID AlJ14.11
From ID A1P14.11	to ID P13-51 (S201-28)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	
From ID A1J9.2	to ID BUS 8
From W1 P3-16 (UUT J3-16)	to W1 P1B-6C
From ID J1B-6C	to ID A1J12.12
From ID A1P12.12	to ID P12-53 (S201-39)
1 10 (10)	11- 0-
From W1 P3-19 (UUT J3-19)	
From ID J1B-9F	to ID A1J13.24
From ID A1P13.24	to ID P12-43 (S701-44)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID AlJ10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	
From ID A1J9.23	to ID BUS 1
110111107.23	00 10 000 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

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Step 260

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Connect J3.14 to J3.16. Short pins J3.22 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P3-16 (UUT J3-16) From ID J1B-6C From ID A1P12.12	to W1 P1B-6C to ID A1J12.12 to ID P12-53 (S201-39)
From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24	to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 261

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Connect J3.14 to J3.16. 28.0Vdc is

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applied to J1.22. Short pin J3.22 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

From	W2	P2-22 (UUT J1-22)	to	W2	P1A-4F
From	ID	J2A-4F	to	ID	A1J14.46
From	ID	A1P14.46	to	ID	P13-95 (S202-43)
From	ID	P13-93 (S202-3)	to	ID	A1P14.49
From	ID	A1J14.49	to	ID	A1J10.48
From	ID	A1P10.48	to	ID	P11-52 (S510-1)
From	ID	P11-147 (S510-4)	to	ID	A1P9.31
From	ID	A1J9.31	to	ID	BUS 2
From	W1	P3-22 (UUT J3-22)	to	W1	P1A-3E
From	ID	J1A-3E	to	ID	A1J14.13
From	ID	A1P14.13	to	ID	P13-19 (S201-34)
					A1P12.40
					A1J10.8
			to	ID	P11-139 (S508-2)
From	ID	P11-205 (S508-10)	to	ID	A1P9.2
From	ID	A1J9.2	to	ID	BUS 8
					P1B-6C
					A1J12.12
From	ID	A1P12.12	to	ID	P12-53 (S201-39)
_		- 0 10 (0 10)			-1- 0-
					P1B-9F
		J1B-9F			A1J13.24
From	TD	A1P13.24	to	TD	P12-43 (S701-44)
Enom	TD	P12-44 (S701-2)	٠.	TD	A1P12.48
					A1J10.1
					P11-162 (S506-2)
					A1P9.23
		A1J9.23			BUS 1
FIOIII	ΙD	A109.23	LU	ΙD	DUD I
From	TD	P20-2 (DMM-HI)	t o	TD	A1P15.49
					A1J8.28
		A1P8.28			P10-203 (S503-1)
		P10-77 (S503-3)			A1P6.13
		AlJ6.13			BUS 1
110111	דב	A10 0 . 13		ΙD	D0D 1
From	ID	P20-3 (DMM-LO)	to	ID	A1P15.50
		A1J15.50			A1J7.38
		A1P7.38			P10-130 (S301-23)
		P10-229 (S301-24)			A1P7.36
		Alj7.36			DUND
					= = := *

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Step 262

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Connect J3.14 to J3.16. 28.0Vdc is applied to J1.22. Short pins J3.22 and J2.39 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From W2 P2-22 (UUT J1-22) From ID J2A-4F From ID A1P14.46	to W2 P1A-4F to ID A1J14.46 to ID P13-95 (S202-43)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P3-16 (UUT J3-16) From ID J1B-6C From ID A1P12.12	to W1 P1B-6C to ID A1J12.12 to ID P12-53 (S201-39)
From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24	to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1)

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From ID P10-77 (S503-3) to ID A1P6.13 from ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50 from ID A1J15.50 to ID A1J7.38 from ID A1P7.38 to ID P10-130 (S301-23) from ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 263

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Connect J3.14 to J3.16. 28.0Vdc is applied to J1.22 and J1.8. Short pins J3.22 and J2.39 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

From W2 P2-8 (UUT J1-8) From ID J2A-2B From ID A1P14.31	to W2 P1A-2B to ID A1J14.31 to ID P13-30 (S202-41)
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From W2 P2-22 (UUT J1-22) From ID J2A-4F From ID A1P14.46	to W2 P1A-4F to ID A1J14.46 to ID P13-95 (S202-43)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1J10.8 to ID P11-139 (S508-2)
From W1 P3-16 (UUT J3-16) From ID J1B-6C From ID A1P12.12	to W1 P1B-6C to ID A1J12.12 to ID P12-53 (S201-39)

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From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24	to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44)
From ID P12-44 (S701-2) From ID A1J12.48	to ID A1P12.48 to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID AlJ9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 264

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. Connect J3.14 to J3.16. 28.0Vdc is applied to J1.8. Short pins J3.22 and J2.39 to ground. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

From W2 P2-8 (UUT J1-8) From ID J2A-2B From ID A1P14.31	to W2 P1A-2B to ID A1J14.31 to ID P13-30 (S202-41)
From W1 P2-39 (UUT J2-39) From ID J1A-1E	to W1 P1A-1E to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From ID P12-80 (S201-2)	to ID A1P12.40

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From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P3-16 (UUT J3-16) From ID J1B-6C From ID A1P12.12	to W1 P1B-6C to ID A1J12.12 to ID P12-53 (S201-39)
From W1 P3-19 (UUT J3-19) From ID J1B-9F From ID A1P13.24	to W1 P1B-9F to ID A1J13.24 to ID P12-43 (S701-44)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 265

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J1.8. Short pins J3.22 and J2.39 to ground. Disconnect J3.14 from J3.16. The output measured at pin J3.19 should be greater than 13.0Vdc with respect to ground.

From W2	P2-8 (UUT J1-8)	to	W2	P1A-2B
From ID	J2A-2B	to	ID	A1J14.31
From ID	A1P14.31	to	ID	P13-30 (S202-41)
From W1	P2-39 (UUT J2-39)	to	W1	P1A-1E
From ID	J1A-1E	to	ID	A1J14.9
From ID	A1P14.9	to	ID	P13-17 (S201-26)
From ID	P13-93 (S202-3)	to	ID	A1P14.49
From ID	A1J14.49	to	ID	A1J10.48

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From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P3-19 (UUT J3-19)	to W1 P1B-9F
From ID J1B-9F	to ID A1J13.24
From ID A1P13.24	to ID P12-43 (S701-44)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 266

Description:

This step applies 28.0 Vdc to pin J1.70 with respect to J1.51. The voltage measured at pin J1.20 should be less than 0.2 Vdc with respect to ground.

From W2 P2-20 (UUT J1-20)	to W2 P1B-14D
From ID J2B-14D	to ID A1J12.27
From ID A1P12.27	to ID P12-55 (S201-47)
From ID P12-16 (S201-1) From ID A1J12.42 From ID A1P10.6	to ID A1P12.42 to ID A1J10.6 to ID P11-203 (S508-1)

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From ID P11-77 (S508-3)	to ID A1P9.15
From ID A1J9.15	to ID BUS 1
The TRANSPORT OF THE TAXABLE PROPERTY.	L. TD 71D15 40
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 267

Description:

This step applies 28.0Vdc to pin J1.70 with respect to J1.51. 28.0Vdc is applied to pin J1.59. The voltage measured at pin J1.20 should be between 27.5Vdc and 28.5Vdc with respect to ground.

From ID	P2-59 (UUT J1-59) J2B-13D A1P12.30	to	ID	P1B-13D A1J12.30 P12-56 (S202-8)
From ID From ID From ID		to to to	ID ID ID	A1J10.50 P11-244 (S510-2)
From ID		to	ID	P1B-14D A1J12.27 P12-55 (S201-47)
From ID From ID From ID	P12-16 (S201-1) A1J12.42 A1P10.6 P11-77 (S508-3) A1J9.15	to to to	ID ID ID	A1J10.6 P11-203 (S508-1)
From ID From ID From ID	P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13	to to to	ID ID ID	A1J8.28 P10-203 (S503-1)
From ID	P20-3 (DMM-LO) A1J15.50 A1P7.38	to	ID	A1P15.50 A1J7.38 P10-130 (S301-23)

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From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND

Step 268

Description:

This step applies 28.0Vdc to pin J1.70 with respect to J1.51. 28.0Vdc is applied to pin J1.59. The voltage measured at pin J1.19 should be between 27.5Vdc and 28.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W2 P2-59 (UUT J1-59) From ID J2B-13D From ID A1P12.30	to W2 P1B-13D to ID A1J12.30 to ID P12-56 (S202-8)
From ID P13-29 (S202-4) From ID A1J14.50 From ID A1P10.50 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.50 to ID A1J10.50 to ID P11-244 (S510-2) to ID A1P9.31 to ID BUS 2
From W2 P2-19 (UUT J1-19) From ID J2A-2C From ID A1P14.33	to W2 P1A-2C to ID A1J14.33 to ID P13-22 (S201-44)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-77 (S508-3) From ID A1J9.15	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.15 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 269

Description:

This step applies 28.0Vdc to pin J1.70 with respect to J1.51. 28.0Vdc is applied to pin J1.59. The voltage measured at pin J1.21 should be between 27.5Vdc and 28.5Vdc with respect to ground.

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From	พว	P2-59 (UUT J1-59)	t o	W 2	D1R-13D
					A1J12.30
		A1P12.30			P12-56 (S202-8)
110111	ıυ	A11 12.50	CO	דב	112 30 (5202 0)
From	ID	P13-29 (S202-4)	to	ID	A1P14.50
From	ID	A1J14.50	to	ID	A1J10.50
From	ID	A1P10.50	to	ID	P11-244 (S510-2)
From	ID	P11-147 (S510-4)	to	ID	A1P9.31
From	ID	A1J9.31	to	ID	BUS 2
From	W2	P2-21 (UUT J1-21)	to	W2	P1A-3D
From	ID	J2A-3D			A1J14.35
From	ID	A1P14.35	to	ID	P13-23 (S201-49)
		P12-16 (S201-1)			
					A1J10.6
					P11-203 (S508-1)
		, ,			A1P9.15
From	ID	A1J9.15	to	ID	BUS 1
Exom	TD	P20-2 (DMM-HI)	+ 0	TD	A1P15.49
					A1J8.28
_					P10-203 (S503-1)
					A1P6.13
		A1J6.13			BUS 1
FIOIII	ΙD	A100.13	LU	ΙD	DUD I
From	ID	P20-3 (DMM-LO)	to	ID	A1P15.50
From	ID	A1J15.50	to	ID	A1J7.38
From	ID	A1P7.38	to	ID	P10-130 (S301-23)
From	ID	P10-229 (S301-24)			A1P7.36
		A1J7.36	to	GRO	DUND

Step 270

Description:

This step applies 28.0Vdc to pin J1.70 with respect to J1.51. 28.0Vdc is applied to pins J1.59 and J1.8. The voltage measured at pin J1.20 should be less than 0.2Vdc with respect to ground.

From W2	P2-8 (UUT J1-8)	to	W2	P1A-2B
From ID	J2A-2B	to	ID	A1J14.31
From ID	A1P14.31	to	ID	P13-30 (S202-41)
From ID	P13-93 (S202-3)	to	ID	A1P14.49
From ID	A1J14.49	to	ID	A1J10.48
From ID	A1P10.48	to	ID	P11-52 (S510-1)
From ID	P11-147 (S510-4)	to	ID	A1P9.31
From ID	A1J9.31	to	ID	BUS 2
From W2	P2-20 (UUT J1-20)	to	W2	P1B-14D

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From ID J2B-14D	to ID A1J12.27
From ID A1P12.27	to ID P12-55 (S201-47)
From ID P12-16 (S201-1) From ID A1J12.42 From ID A1P10.6 From ID P11-77 (S508-3) From ID A1J9.15	to ID A1P12.42 to ID A1J10.6 to ID P11-203 (S508-1) to ID A1P9.15 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 271

Description:

This step applies 28.0Vdc to pin J1.70 with respect to J1.51. 28.0Vdc is applied to pins J1.57 and J1.8. The voltage measured at pin J1.20 should be between 27.5Vdc and 28.5Vdc with respect to ground.

From ID	P2-57 (UUT J1-57) J2B-10A A1P13.31	to	ID	P1B-10A A1J13.31 P12-7 (S701-30)
From ID From ID From ID	A1J12.48 A1P10.1	to to to	ID ID ID	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.33 BUS 2
From ID	P2-8 (UUT J1-8) J2A-2B A1P14.31	to	ID	P1A-2B A1J14.31 P13-30 (S202-41)
From ID From ID From ID	P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31	to to to	ID ID ID	A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2
	P2-20 (UUT J1-20) J2B-14D			P1B-14D A1J12.27

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From ID A1P12.27	to ID P12-55 (S201-47)
From ID P12-16 (S201-1)	to ID A1P12.42
From ID A1J12.42	to ID A1J10.6
From ID A1P10.6	to ID P11-203 (S508-1)
From ID P11-77 (S508-3)	to ID A1P9.15
From ID A1J9.15	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 272

Description:

This step applies 28.0 Vdc to pin J1.70 with respect to J1.51. 28.0 Vdc is applied to pin J1.57. The voltage measured at pin J1.20 should be less than 0.2 Vdc with respect to ground.

From W2 P2-57 (UUT J1-57)	to W2 P1B-10A
From ID J2B-10A	to ID A1J13.31
From ID A1P13.31	to ID P12-7 (S701-30)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID AlJ12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-195 (S506-4)	to ID A1P9.33
From ID A1J9.33	to ID BUS 2
From W2 P2-20 (UUT J1-20)	to W2 P1B-14D
From ID J2B-14D	to ID A1J12.27
From ID A1P12.27	to ID P12-55 (S201-47)
From ID P12-16 (S201-1)	to ID A1P12.42
From ID A1J12.42	to ID AlJ10.6
From ID A1P10.6	to ID P11-203 (S508-1)
From ID P11-77 (S508-3)	to ID A1P9.15
From ID A1J9.15	to ID BUS 1
110m 1D A109.13	CO ID BOD I
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID AlJ15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
LIOU ID AIUO.IZ	CO ID BOD I

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From ID P20-3 (DMM-LO) to ID A1P15.50 from ID A1J15.50 to ID A1J7.38 from ID A1P7.38 to ID P10-130 (S301-23) from ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 273

Description:

This step applies 28.0Vdc to pin J1.70 with respect to J1.51. The voltage measured at pin J1.50 with respect to ground should be less than 0.2Vdc.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From W2 P2-50 (UUT J1-50) to W2 P1B-8B From ID J2B-8B to ID A1J12.26 From ID J2B-8B From ID A1P12.26 to ID P12-25 (S202-6) From ID P12-90 (S202-2) to ID A1P12.36 from ID A1J12.36 to ID A1J10.12 from ID A1P10.12 to ID P11-242 (S509-2) from ID P11-18 (S509-3) to ID A1P9.19 from ID A1J9.19 to ID BUS 1 From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1
From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 274

Description:

This step applies 28.0Vdc to pin J1.70 with respect to J1.51. 28.0Vdc is applied to pin J1.14. The voltage measured at pin J1.50 should be between 27.5Vdc and 28.5Vdc with respect to ground.

to GROUND

Connection Path is as follows: See "UUT Power"

From ID A1J7.36

From W2 P2-14 (UUT J1-14) to W2 P1B-6C From ID J2B-6C to ID A1J12.19 From ID A1P12.19 to ID P12-54 (S201-38) From ID P12-52 (S201-4) to ID A1P12.44

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From ID From ID	P11-72 (S507-4)	to to	ID ID	A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2
From ID	(to	ID	P1B-8B A1J12.26 P12-25 (S202-6)
From ID From ID From ID		to to to	ID ID ID	A1J10.12 P11-242 (S509-2)
From ID From ID From ID	AlJ15.49 Alp8.28	to to to	ID ID ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
From ID From ID From ID	A1J15.50	to to to	ID ID ID	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36 DUND

Step 275

Description:

This step applies 28.0Vdc to pin J1.70 with respect to J1.51. 28.0Vdc is applied to pin J1.14. The voltage measured at pin J1.15 should be between 27.5Vdc and 28.5Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power"

From W2 P2-14 (UUT J1-14)	to W2 P1B-6C
From ID J2B-6C	to ID A1J12.19
From ID A1P12.19	to ID P12-54 (S201-38)
From ID P12-52 (S201-4)	to ID A1P12.44
From ID A1J12.44	to ID A1J10.4
From ID A1P10.4	to ID P11-71 (S507-2)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W2 P2-15 (UUT J1-15)	to W2 P1B-7B
From ID J2B-7B	to ID A1J12.23
From ID A1P12.23	to ID P12-85 (S201-45)
From ID P12-16 (S201-1)	to ID A1P12.42
From ID AlJ12.42	to ID A1J10.6
From ID A1P10.6	to ID P11-203 (S508-1)
From ID P11-77 (S508-3)	to ID A1P9.15

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From ID AlJ9.15	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 276

Description:

This step applies 28.0Vdc to pin J1.70 with respect to J1.51. 28.0Vdc is applied to pin J1.14. The voltage measured at pin J1.48 should be between 27.5Vdc and 28.5Vdc with respect to ground.

From W2 P2-14 (UUT J1-14) From ID J2B-6C From ID A1P12.19	to W2 P1B-6C to ID A1J12.19 to ID P12-54 (S201-38)
From ID P12-52 (S201-4) From ID A1J12.44 From ID A1P10.4 From ID P11-72 (S507-4) From ID A1J9.27 From W2 P2-48 (UUT J1-48) From ID J2A-1D From ID A1P14.37	to ID A1P12.44 to ID A1J10.4 to ID P11-71 (S507-2) to ID A1P9.27 to ID BUS 2 to W2 P1A-1D to ID A1J14.37 to ID P13-54 (S201-51)
From ID P12-16 (S201-1) From ID A1J12.42 From ID A1P10.6 From ID P11-77 (S508-3) From ID A1J9.15	to ID A1P12.42 to ID A1J10.6 to ID P11-203 (S508-1) to ID A1P9.15 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

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Step 277

Description:

This step applies 28.0Vdc to pin J1.70 with respect to J1.51. 28.0Vdc is applied to pins J1.14 and J1.8. The voltage measured at pin J1.50 should be less than 0.2Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From	W2 P2-8 (UUT J1-8) ID J2A-2B ID A1P14.31	to W2 P1A-2B to ID A1J14.31 to ID P13-30 (S202-41)
From From From	ID P13-93 (S202-3) ID A1J14.49 ID A1P10.48 ID P11-147 (S510-4) ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From	W2 P2-14 (UUT J1-14) ID J2B-6C ID A1P12.19	to W2 P1B-6C to ID A1J12.19 to ID P12-54 (S201-38)
From From From	ID A1J12.44	to ID A1P12.44 to ID A1J10.4 to ID P11-71 (S507-2) to ID A1P9.27 to ID BUS 2
From	W2 P2-50 (UUT J1-50) ID J2B-8B ID A1P12.26	to W2 P1B-8B to ID A1J12.26 to ID P12-25 (S202-6)
From From From	ID P12-90 (S202-2) ID A1J12.36 ID A1P10.12 ID P11-18 (S509-3) ID A1J9.19	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1
From From From	ID P20-2 (DMM-HI) ID A1J15.49 ID A1P8.28 ID P10-77 (S503-3) ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From From From	ID P20-3 (DMM-LO) ID A1J15.50 ID A1P7.38 ID P10-229 (S301-24) ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 278

Date: 04 March 2016

Description:

This step applies 28.0Vdc to pin J1.70 with respect to J1.51. 28.0Vdc is applied to pins J1.43 and J1.8. The voltage measured at pin J1.50 should be between 27.5Vdc and 28.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

see "uu	I Power.			
From ID	P2-43 (UUT J1-43) J2A-2D A1P14.36	to	ID	P1A-2D A1J14.36 P13-55 (S201-50)
From ID From ID From ID	P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27	to to to	ID ID ID	A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2
From ID	P2-8 (UUT J1-8) J2A-2B A1P14.31	to	ID	P1A-2B A1J14.31 P13-30 (S202-41)
From ID From ID From ID	P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31	to to to	ID ID ID	A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2
From ID From ID From ID From ID From ID From ID	P2-50 (UUT J1-50) J2B-8B A1P12.26 P12-90 (S202-2) A1J12.36 A1P10.12 P11-18 (S509-3) A1J9.19	to to to to to to	ID ID ID ID ID ID	P1B-8B A1J12.26 P12-25 (S202-6) A1P12.36 A1J10.12 P11-242 (S509-2) A1P9.19 BUS 1
From ID From ID From ID	P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13	to to to	ID ID ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
From ID From ID	P20-3 (DMM-LO) A1J15.50 A1P7.38 P10-229 (S301-24)	to to	ID ID	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36

Step 279

Description:

From ID A1J7.36

to GROUND

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This step applies 28.0Vdc to pin J1.70 with respect to J1.51. 28.0Vdc is applied to pin J1.43. The voltage measured at pin J1.50 should be less than 0.2Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W	2 P2-43 (UUT J1-43)	to	W2	P1A-2D
From I	D J2A-2D	to	ID	A1J14.36
From I	D A1P14.36	to	ID	P13-55 (S201-50)
From T	D P12-52 (S201-4)	t 0	TD	71D12 44
	D A1J12.44			A1J10.4
_				P11-71 (S507-2)
_				A1P9.27
	D A1J9.27			BUS 2
1101111	2 11107.27			202 2
From W	2 P2-50 (UUT J1-50)	to	W2	P1B-8B
	D J2B-8B			A1J12.26
From I	D A1P12.26	to	ID	P12-25 (S202-6)
From I	D P12-90 (S202-2)	to	ID	A1P12.36
From I	D A1J12.36	to	ID	A1J10.12
From I	D A1P10.12	to	ID	P11-242 (S509-2)
From I	D P11-18 (S509-3)	to	ID	A1P9.19
From I	D A1J9.19	to	ID	BUS 1
	,	to	ID	A1P15.49
_	D A1J15.49			A1J8.28
_	D A1P8.28			P10-203 (S503-1)
	D P10-77 (S503-3)			A1P6.13
From I	D A1J6.13	to	ID	BUS 1
_				
	- ,			A1P15.50
_	D A1J15.50			A1J7.38
-	D A1P7.38			P10-130 (S301-23)
	,			A1P7.36
From I	D A1J7.36	to	GRO	DUND

Step 280

Description:

Connection Path is as follows:

This step applies 28.0 Vdc to pin J1.70 with respect to J1.51. The voltage measured at pin J1.20 with respect to ground should be less than 0.2 Vdc.

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From ID P12-16 (S201-1)	to ID A1P12.42
From ID A1J12.42	to ID A1J10.6
From ID A1P10.6	to ID P11-203 (S508-1)
From ID P11-77 (S508-3)	to ID A1P9.15
From ID A1J9.15	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 281

Description:

This step applies 28.0Vdc to pin J1.70 with respect to J1.51. 28.0Vdc is applied to pin J1.56. The voltage measured at pin J1.20 should be less than 0.2Vdc with respect to ground.

From W2 P2-56 (UUT J1-56) From ID J2A-3E From ID A1P14.38	to W2 P1A-3E to ID A1J14.38 to ID P13-85 (S201-52)
From ID P12-52 (S201-4) From ID A1J12.44 From ID A1P10.4 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.44 to ID A1J10.4 to ID P11-71 (S507-2) to ID A1P9.27 to ID BUS 2
From W2 P2-20 (UUT J1-20) From ID J2B-14D From ID A1P12.27	to W2 P1B-14D to ID A1J12.27 to ID P12-55 (S201-47)
From ID P12-16 (S201-1) From ID A1J12.42 From ID A1P10.6 From ID P11-77 (S508-3) From ID A1J9.15	to ID A1P12.42 to ID A1J10.6 to ID P11-203 (S508-1) to ID A1P9.15 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1

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From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 282

Description:

This step applies 28.0Vdc to pin J1.70 with respect to J1.51. 28.0Vdc is applied to pins J1.56 and J1.22. The voltage measured at pin J1.20 should be between 27.5Vdc and 28.5Vdc with respect to ground.

From W2 P2-22 (UUT J1-22)	to W2 P1A-4F
From ID J2A-4F	to ID A1J14.46
From ID A1P14.46	to ID P13-95 (S202-43)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID AlJ14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From W2 P2-56 (UUT J1-56)	to W2 P1A-3E
From ID J2A-3E	to ID A1J14.38
From ID A1P14.38	to ID P13-85 (S201-52)
From ID P12-52 (S201-4)	to ID A1P12.44
From ID A1J12.44	to ID A1J10.4
From ID A1P10.4	to ID P11-71 (S507-2)
From ID P11-72 (S507-4)	
From ID A1J9.27	to ID BUS 2
	212 142
From W2 P2-20 (UUT J1-20)	
From ID J2B-14D	to ID A1J12.27
From ID A1P12.27	to ID P12-55 (S201-47)
From ID P12-16 (S201-1)	to ID A1P12.42
From ID A1J12.42	to ID AlJ10.6
From ID A1P10.6	to ID P11-203 (S508-1)
From ID P11-77 (S508-3)	to ID A1P9.15
From ID A1J9.15	to ID BUS 1
TIOM ID ALOJ.13	CO ID DOD I
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50

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From ID AlJ15.50 to ID AlJ7.38 from ID AlP7.38 to ID P10-130 (S301-23) from ID P10-229 (S301-24) to ID AlP7.36 from ID AlJ7.36 to GROUND

Step 283

Description:

This step applies 28.0Vdc to pin J1.70 with respect to J1.51. 28.0Vdc is applied to pin J1.56. The voltage measured at pin J1.20 should be less than 0.2Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W2 P2-	56 (UUT J1-56)	to	W2	P1A-3E
From ID J2A	3E	to	ID	A1J14.38
From ID A1P	14.38	to	ID	P13-85 (S201-52)
From ID P12	-52 (S201-4)	to	ID	A1P12.44
From ID A1J				A1J10.4
From ID A1P		to	ID	P11-71 (S507-2)
From ID P11	-72 (S507-4)	to	ID	A1P9.27
From ID AlJ	9.27	to	ID	BUS 2
	20 /			
	20 (UUT J1-20)			
From ID J2B				A1J12.27
From ID A1P	12.27	to	ID	P12-55 (S201-47)
From ID D12	-16 (S201-1)	t 0	TD	λ1D12 Δ2
From ID AlJ				A1J10.6
From ID AlP				P11-203 (S508-1)
				A1P9.15
From ID A1J	9.15	LO	TD	BUS 1
From ID P20	-2 (DMM-HI)	to	ID	A1P15.49
From ID A1J	15.49	to	ID	A1J8.28
From ID A1P	8.28	to	ID	P10-203 (S503-1)
From ID P10				A1P6.13
From ID A1J				BUS 1
From ID P20	-3 (DMM-LO)	to	ID	A1P15.50
From ID A1J	15.50	to	ID	A1J7.38
From ID A1P	7.38	to	ID	P10-130 (S301-23)
From ID P10	-229 (S301-24)	to	ID	A1P7.36
From ID A1J	7.36	to	GRO	DUND

Step 284

Description:

This step applies 28.0 Vdc to pin J1.70 with respect to J1.51. The voltage measured at pin J1.50 with respect to ground should be less than 0.2 Vdc.

Connection Path is as follows:

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See "UUT Power" See "APPLY IC" From W1 P2-34 (UUT J2-34) to W1 P1A-5F From ID J1A-5F to ID A1J14.18 to ID P13-89 (S202-18) From ID A1P14.18 From ID P13-29 (S202-4) to ID A1P14.50 to ID A1J10.50 from ID A1P10.50 to ID P11-244 (S510-2) From ID P11-147 (S510-4) to ID A1P9.31 from ID A1P9.31 to ID BUS 2 From ID A1J9.31 to ID BUS 2

From W2 P2-50 (UUT J1-50) to W2 P1B-8B From ID J2B-8B to ID A1J12.26 From ID A1P12.26 to ID P12-25 (S202-6) From ID P12-90 (S202-2) to ID A1P12.36
From ID A1J12.36 to ID A1J10.12
From ID A1P10.12 to ID P11-242 (S509-2)
From ID P11-18 (S509-3) to ID A1P9.19
From ID A1J9.19 to ID BUS 1

From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
TO A1T6 13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50 from ID A1J15.50 to ID A1J7.38 from ID A1P7.38 to ID P10-130 (S301-23) from ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 285

Description:

This step applies 28.0Vdc to pin J1.70 with respect to J1.51. 28.0Vdc is applied to pin J1.13. The voltage measured at pin J1.50 should be less than 0.2Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W2 P2-13 (UUT J1-13) to W2 P1A-2A From ID J2A-2A to ID A1J14.29 From ID A1P14.29 to ID P13-82 (S201-36) From ID P12-52 (S201-4) to ID A1P12.44 to ID A1J10.4 From ID A1P10.4 to ID P11-71 (SFrom ID P11-72 (S507-4) to ID A1P9.27 to ID P11-71 (S507-2)

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From ID AlJ9.27	to	ID BUS 2
From W1 P2-34 (U From ID J1A-5F	TUT J2-34) to	W1 P1A-5F ID A1J14.18
From ID AlP14.18		ID P13-89 (S202-18)
	S202-4) to	
From ID AlJ14.50		ID A1J10.50
From ID A1P10.50		ID P11-244 (S510-2)
	(S510-4) to	
From ID A1J9.31	to	ID BUS 2
From W2 P2-50 (U	TUT J1-50) to	W2 P1B-8B
From ID J2B-8B	to	ID A1J12.26
From ID A1P12.26	to	ID P12-25 (S202-6)
From ID P12-90 (S202-2) to	ID A1P12.36
From ID A1J12.36	to	ID A1J10.12
From ID A1P10.12	to	ID P11-242 (S509-2)
From ID P11-18 (S509-3) to	ID A1P9.19
From ID A1J9.19	to	ID BUS 1
From ID P20-2 (D	MM-HI) to	ID A1P15.49
From ID A1J15.49	to	ID A1J8.28
From ID A1P8.28	to	ID P10-203 (S503-1)
From ID $P10-77$ (S503-3) to	ID A1P6.13
From ID AlJ6.13	to	ID BUS 1
	MM-LO) to	
From ID A1J15.50		ID A1J7.38
From ID A1P7.38		ID P10-130 (S301-23)
From ID P10-229	(S301-24) to	ID A1P7.36
From ID A1J7.36	to	GROUND
Step 286		

Description:

This step applies 28.0Vdc to pin J1.70 with respect to J1.51. 28.0Vdc is applied to pins J1.13 and J1.22. The voltage measured at pin J1.50 should be between 27.5Vdc and 28.5Vdc with respect to ground.

From W2 P2-22 (UUT J1-22)	to W2 P1A-4F
From ID J2A-4F	to ID A1J14.46
From ID AlP14.46	to ID P13-95 (S202-43)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2

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From W2 P2-13 (UUT J1-13)	to W2 P1A-2A
From ID J2A-2A	to ID A1J14.29
From ID A1P14.29	to ID P13-82 (S201-36)
	· ·
From ID P12-52 (S201-4)	to ID A1P12.44
From ID AlJ12.44	to ID A1J10.4
From ID A1P10.4	to ID P11-71 (S507-2)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W2 P2-50 (UUT J1-50)	to W2 P1B-8B
From ID J2B-8B	to ID A1J12.26
From ID A1P12.26	to ID P12-25 (S202-6)
110111 10 111112.20	00 10 112 23 (0202 0)
From ID P12-90 (S202-2)	to ID AlP12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-18 (S509-3)	to ID A1P9.19
From ID A1J9.19	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
F TD D00 2 (D)7 (T0)	L. TD 31D15 50
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID AlJ7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P7.36
FION ID AID /.30	to GROUND

Step 287

Description:

This step applies 28.0 Vdc to pin J1.70 with respect to J1.51. 28.0 Vdc is applied to pin J1.13. The voltage measured at pin J1.50 should be less than 0.2 Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W2 P2-13 (UUT J1-13) to W2 P1A-2A From ID J2A-2A to ID A1J14.29

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From ID A1P14.29	to ID P13-82 (S201-36)
From ID P12-52 (S201-4)	to ID A1P12.44
From ID A1J12.44	to ID A1J10.4
From ID A1P10.4	to ID P11-71 (S507-2)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
110 12 11107701	00 12 200 1
From W2 P2-50 (UUT J1-50)	to W2 P1B-8B
From ID J2B-8B	to ID A1J12.26
From ID A1P12.26	to ID P12-25 (S202-6)
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID AlP10.12	to ID P11-242 (S509-2)
From ID P11-18 (S509-3)	to ID A1P9.19
From ID AlJ9.19	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

2.7 MODULE 3: Output Signals

This module verifies the proper operation of the CDA Logic CCA's Output Signals.

Refer to 1.4 Reference Drawings when diagnosing connection paths.

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Description:
This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pin J1.28. The
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output measured at pin J1.23 should be less than 0.2Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC" From W2 P2-28 (UUT J1-28) to W2 P1B-14F to ID A1J12.29 from ID A1P12.29 to ID P12-24 (S202-7) From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 to ID BUS 2 From W2 P2-23 (UUT J1-23) to W2 P1A-7B from ID J2A-7B to ID A1J15.24 to ID P13-9 (S701-24) From ID P12-44 (S701-2) to ID A1P12.48 from ID A1J12.48 to ID A1J10.1 from ID A1P10.1 to ID P11-162 (S506-2) from ID P11-164 (S506-3) to ID A1P9.23 from ID A1J9.23 to ID BUS 1 From ID A1J9.23 to ID BUS 1 From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1 From ID P20-3 (DMM-LO) to ID A1P15.50 From ID A1J15.50 to ID A1J7.38 From ID A1P7.38 to ID P10-130 From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND to ID P10-130 (S301-23) From ID AlJ7.36 to GROUND

Step 302

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pins J1.28 and J1.8. The output measured at pin J1.23 should be greater than 17.6Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W2 P2-8 (UUT J1-8) to W2 P1A-2B From ID J2A-2B to ID A1J14.31 From ID A1P14.31 to ID P13-30 (S202-41)

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From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W2 P2-28 (UUT J1-28) From ID J2B-14F From ID A1P12.29	to W2 P1B-14F to ID A1J12.29 to ID P12-24 (S202-7)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
,	to W2 P1A-7B to ID A1J15.24 to ID P13-9 (S701-24)
	to ID A1J10.1 to ID P11-162 (S506-2)
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 303

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pin J1.28. The output measured at pin J1.23 should be less than 0.2Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From W2 P2-28 (UUT J1-28) to W2 P1B-14F From ID J2B-14F to ID A1J12.29

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From ID	A1P12.29	to	ID	P12-24 (S202-7)
From ID From ID From ID		to to to	ID ID ID	A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2
From ID	P2-23 (UUT J1-23) J2A-7B A1P15.24	to	ID	P1A-7B A1J15.24 P13-9 (S701-24)
From ID From ID From ID	P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23	to to to	ID ID ID	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1
From ID From ID From ID	P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13	to to to	ID ID ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
From ID From ID From ID	P20-3 (DMM-LO) A1J15.50 A1P7.38 P10-229 (S301-24) A1J7.36	to to to	ID ID ID	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36 DUND

Step 304

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pins J1.28 and J1.22. The output measured at pin J1.23 should be greater than 17.6Vdc with respect to ground.

From W2 P2-22 (UUT J1-22) From ID J2A-4F From ID A1P14.46	to W2 P1A-4F to ID A1J14.46 to ID P13-95 (S202-43)
From W2 P2-28 (UUT J1-28) From ID J2B-14F From ID A1P12.29	to W2 P1B-14F to ID A1J12.29 to ID P12-24 (S202-7)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4)	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31

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From ID AlJ9.31	to ID BUS 2
From W2 P2-23 (UUT J1-23) From ID J2A-7B From ID A1P15.24	to W2 P1A-7B to ID A1J15.24 to ID P13-9 (S701-24)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 305

Description:

Connection Path is as follows:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pin J1.28. The output measured at pin J1.23 should be less than 0.2Vdc with respect to ground.

See "UUT Power" See "APPLY IC" From W2 P2-28 (UUT J1-28) to W2 P1B-14F From ID J2B-14F to ID A1J12.29 to ID P12-24 (S202-7) From ID A1P12.29 From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 From ID A1J14.49 From ID A1P10.48 to ID P11-52 (S510-1) From ID P11-147 (S510-4) to ID A1P9.31 to ID BUS 2 From ID AlJ9.31 From W2 P2-23 (UUT J1-23) to W2 P1A-7B From ID J2A-7B to ID AlJ15.24 From ID A1P15.24 to ID P13-9 (S701-24) From ID P12-44 (S701-2) to ID A1P12.48 From ID A1J12.48 to ID A1J10.1 From ID A1P10.1 to ID P11-162 (S506-2)

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From ID P11-164 (S506-3) to ID A1P9.23
From ID A1J9.23 to ID BUS 1

From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 306

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pins J1.28 and J1.24. The output measured at pin J1.23 should be greater than 17.6Vdc with respect to ground.

From W2 P2-24 (UUT J1-24)	
From ID J2B-8C	to ID A1J12.25
From ID A1P12.25	to ID P12-89 (S202-5)
From W2 P2-28 (UUT J1-28)	
From ID J2B-14F	to ID A1J12.29
From ID A1P12.29	to ID P12-24 (S202-7)
From ID P13-93 (S202-3)	to ID A1P14.49
	to ID A1J10.48
	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From W2 P2-23 (UUT J1-23)	to W2 P1A-7B
From ID J2A-7B	to ID A1J15.24
From ID A1P15.24	to ID P13-9 (S701-24)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)

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From ID P10-77 (S503-3) to ID A1P6.13 from ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50 from ID A1J15.50 to ID A1J7.38 from ID A1P7.38 to ID P10-130 (S301-23) from ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 307

Description:

Connection Path is as follows:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J1.70 with respect to J2.11. The output measured at pin J2.70 should be greater than 17.6Vdc with respect to ground.

 See "UUT Power"

 See "APPLY IC"

 From W1 P2-70 (UUT J2-70)
 to W1 P1A-4A

 From ID J1A-4A
 to ID A1J15.4

 From ID A1P15.4
 to ID P13-38 (S701-10)

 From ID P12-44 (S701-2)
 to ID A1P12.48

 From ID A1J12.48
 to ID A1J10.1

 From ID A1P10.1
 to ID P11-162 (S506-2)

 From ID P11-164 (S506-3)
 to ID A1P9.23

 From ID A1J9.23
 to ID BUS 1

 From ID P20-2 (DMM-HI)
 to ID A1P15.49

 From ID A1J15.49
 to ID A1J8.28

 From ID A1P8.28
 to ID P10-203 (S503-1)

 From ID P10-77 (S503-3)
 to ID A1P6.13

 From ID A1J6.13
 to ID BUS 1

 From ID A1J7.38
 to ID A1J7.38

 From ID A1P7.38
 to ID A1P7.36

 From ID A1J7.36
 to ID A1P7.36

Step 308

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.34. The output measured at pin J1.32 should be greater than 17.6Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

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From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W2 P2-32 (UUT J1-32)	to W2 P1B-7A
From ID J2B-7A	to ID A1J12.24
From ID A1P12.24	to ID P12-21 (S201-46)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-77 (S508-3)	to ID A1P9.15
From ID A1J9.15	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 309

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.34 and J1.28. The output measured at pin J1.32 should be less than 0.2Vdc with respect to ground.

From W2 P2-28 (UUT J1-28) From ID J2B-14F From ID A1P12.29	to W2 P1B-14F to ID A1J12.29 to ID P12-24 (S202-7)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2

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From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W2 P2-32 (UUT J1-32)	to W2 P1B-7A
From ID J2B-7A	to ID A1J12.24
From ID A1P12.24	to ID P12-21 (S201-46)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-77 (S508-3)	to ID A1P9.15
From ID A1J9.15	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID AlJ15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 310

Description:

This step applies 15.0 Vdc to pin J3.30, and -15.0 Vdc to pin J3.29 with respect to J3.10. 28.0 Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. The output measured at pin J1.32 should be less than 0.2 Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power" See "APPLY IC"

From W2	P2-23 (UUT J1-23)	to	W2	P1A-7B
From ID	J2A-7B	to	ID	A1J15.24
From ID	A1P15.24	to	ID	P13-9 (S701-24)
From ID	P12-44 (S701-2)	to	ID	A1P12.48
From ID	A1J12.48	to	ID	A1J10.1
From ID	A1P10.1	to	ID	P11-162 (S506-2)
From ID	P11-164 (S506-3)	to	ID	A1P9.23
From ID	A1J9.23	to	ID	BUS 1

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From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 311

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pin J1.67. The output measured at pin J1.32 should be greater than 17.6Vdc with respect to ground.

Exam M2 D2 67 (IIIIT T1 67)	+ o W2 D1D 12E
From W2 P2-67 (UUT J1-67) From ID J2B-12E	to ID A1J12.34
From ID A1P12.34	to ID P12-58 (S202-16)
FION ID AIPIZ.34	(5202-10)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID AlP9.31
From ID AlJ9.31	to ID BUS 2
From W2 P2-23 (UUT J1-23)	to W2 P1A-7B
From ID J2A-7B	to ID A1J15.24
From ID A1P15.24	to ID P13-9 (S701-24)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

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Step 312

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. The output measured at pin J3.4 should be between 12.9Vdc and 15.7Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power" See "APPLY IC"

From W1 P3-4 (UUT J3-4) to W1 P1A-3B From ID J1A-3B to ID A1J15.2 to ID P13-6 (S701-8) From ID A1P15.2

From ID P12-44 (S701-2) to ID A1P12.48
From ID A1J12.48 to ID A1J10.1
From ID A1P10.1 to ID P11-162 (S506-2)
From ID P11-164 (S506-3) to ID A1P9.23
From ID A1J9.23 to ID BUS 1

From ID A1J9.23 to ID BUS 1

From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 313

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J1.70 with respect to J2.11. The output measured at pin J3.4 should be less than 0.2Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W1 P3-4 (UUT J3-4) to W1 P1A-3B from ID J1A-3B to ID A1J15.2 from ID A1P15.2 to ID P13-6 (S701-8) From ID AlP15.2

From ID P12-44 (S701-2) to ID A1P12.48 from ID A1J12.48 to ID A1J10.1 From ID A1P10.1 to ID P11-162 from ID P11-164 (S506-3) to ID A1P9.23

to ID P11-162 (S506-2)

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From ID AlJ9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) From ID A1J6.13	to ID Alp6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 314

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J1.70 with respect to J2.11. 28.0Vdc is applied to J2.34. The output measured at pin J3.4 should be between 12.9Vdc and 15.7Vdc with respect to ground.

From ID	P2-34 (UUT J2-34) J1A-5F A1P14.18	to	ID	P1A-5F A1J14.18 P13-89 (S202-18)
From ID From ID From ID	P13-29 (S202-4) A1J14.50 A1P10.50 P11-147 (S510-4) A1J9.31	to to to	ID ID ID	A1J10.50 P11-244 (S510-2)
From ID	P3-4 (UUT J3-4) J1A-3B A1P15.2	to	ID	P1A-3B A1J15.2 P13-6 (S701-8)
From ID From ID From ID	A1P10.1	to to to	ID ID ID	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1
From ID From ID From ID	A1J15.49 A1P8.28	to to to	ID ID ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
	P20-3 (DMM-LO) A1J15.50			A1P15.50 A1J7.38

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From ID A1P7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND

Step 315

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. The output measured at J1.16 should be less than 0.2Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power" See "APPLY IC"

From W2 P2-16 (UUT J1-16) to W2 P1B-11F
From ID J2B-11F to ID A1J12.37
From ID A1D12.37

From ID A1P12.37 to ID P12-60 (S202-30)

From ID P12-90 (S202-2) to ID A1P12.36 to ID A1J10.12 From ID A1P10.12 to ID P11-242 (S509-2) From ID P11-18 (S509-3) to ID A1P9.19 From ID A1J9.19 to ID BUS 1

From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

to ID P10-203 (S503-1)

From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50 to ID A1J7.38 From ID A1P7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 316

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pin J1.42. The output measured at J1.16 should be between 27.1Vdc and 28.1Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W2 P2-42 (UUT J1-42) to W2 P1A-1C from ID J2A-1C to ID AlJ14.34 From ID J2A-1C to ID A1J14.34 From ID A1P14.34 to ID P13-58 (S202-17)

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From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W2 P2-16 (UUT J1-16) From ID J2B-11F From ID A1P12.37	to W2 P1B-11F to ID A1J12.37 to ID P12-60 (S202-30)
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 317

Description:

Connection Path is as follows:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. The output measured at J1.16 should be less than 0.2Vdc with respect to ground.

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From ID AlJ6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID AlP15.50

From ID AlJ15.50 to ID AlJ7.38

From ID AlP7.38 to ID P10-130 (S301-23)

From ID P10-229 (S301-24) to ID AlP7.36

From ID AlJ7.36 to GROUND

Step 318

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pin J1.41. The output measured at J1.16 should be between 27.1Vdc and 28.1Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W2 P2-41 (UUT J1-41) From ID J2B-12D From ID A1P12.33	to W2 P1B-12D to ID A1J12.33 to ID P12-26 (S202-15)
	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W2 P2-16 (UUT J1-16) From ID J2B-11F From ID A1P12.37 From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19	to ID A1J12.37 to ID P12-60 (S202-30) to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2)
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13 From ID P20-3 (DMM-LO)	to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID AlJ15.50	to ID A1J7.38 to ID P10-130 (S301-23)

Step 319

Description:

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This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. The output measured at J1.12 should be less than 0.2Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power" See "APPLY IC"

From W2 P2-12 (UUT J1-12) to W2 P1B-9F From ID J2B-9F to ID A1J12.41

From ID A1P12.41 to ID P12-29 (S202-32)

From ID P12-90 (S202-2) to ID A1P12.36

From ID P12-30 (8202).

From ID A1J12.36 to ID A1J10.12

From ID A1P10.12 to ID P11-242 (8509-2)

From ID P11-18 (8509-3) to ID A1P9.19

TO A1T9.19 to ID BUS 1

From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 320

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pin J1.55. The output measured at J1.12 should be between 27.1Vdc and 28.1Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W2 P2-55 (UUT J1-55) to W2 P1B-12F

From ID J2B-12F to ID P12-28 (S202-29)

From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 to ID BUS 2

to ID P11-52 (S510-1)

From ID A1J9.31 to ID BUS 2

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From W2 P2-12 (UUT J1-12) From ID J2B-9F From ID A1P12.41	to W2 P1B-9F to ID A1J12.41 to ID P12-29 (S202-32)
From ID P12-90 (S202-2) From ID A1J12.36	to ID A1P12.36
	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-18 (S509-3)	to ID A1P9.19
From ID A1J9.19	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID AlJ15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 321

Description:

Connection Path is as follows:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. The output measured at J1.12 should be less than 0.2Vdc with respect to ground.

See "UUT Power" See "APPLY IC"	
From W2 P2-12 (UUT J1-12) From ID J2B-9F From ID A1P12.41	to W2 P1B-9F to ID A1J12.41 to ID P12-29 (S202-32)
From ID P12-90 (S202-2) From ID A1J12.36	to ID A1P12.36 to ID A1J10.12
From ID A1P10.12 From ID P11-18 (S509-3)	to ID A1010.12 to ID P11-242 (S509-2) to ID A1P9.19
From ID A1J9.19 From ID P20-2 (DMM-HI)	to ID BUS 1 to ID A1P15.49
From ID A1J15.49 From ID A1P8.28	to ID A1J8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23)

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From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND

Step 322

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pin J1.54. The output measured at J1.12 should be between 27.1Vdc and 28.1Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W2 P2-54 (UUT J1-54) From ID J2A-2F From ID A1P14.42	to W2 P1A-2F to ID A1J14.42 to ID P13-28 (S202-27)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W2 P2-12 (UUT J1-12)	to W2 P1B-9F
From ID J2B-9F	to ID A1J12.41
From ID A1P12.41	to ID P12-29 (S202-32)
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 323

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pin J1.67. The output measured at J1.33 should be less than 0.2Vdc with respect to

Connection Path is as follows:

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ground.

 See "UUT Power"
 to W2 P1B-12E

 From W2 P2-67 (UUT J1-67)
 to ID A1J12.34

 From ID J2B-12E
 to ID A1J12.34

 From ID A1P12.34
 to ID A1P14.50

 From ID A1J14.50
 to ID A1J10.50

 From ID A1P10.50
 to ID A1P9.31

 From ID P11-147 (S510-4)
 to ID A1P9.31

 From ID A1J9.31
 to ID BUS 2

 From W2 P2-33 (UUT J1-33)
 to W2 P1B-14E

 From ID J2B-14E
 to ID A1J12.28

 From ID A1P12.28
 to ID P12-86 (S201-48)

 From ID A1J12.40
 to ID A1J10.8

 From ID A1P10.8
 to ID P11-139 (S508-2)

 From ID A1J9.15
 to ID BUS 1

From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 324

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pins J1.28 and J1.67. The output measured at pin J1.33 should be greater than 17.6Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W2 P2-28 (UUT J1-28) to W2 P1B-14F From ID J2B-14F to ID A1J12.29 From ID A1P12.29 to ID P12-24 (S202-7)

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From ID From ID From ID	AlJ14.49 AlP10.48	to to to	ID ID ID	A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2
From ID		to	ID	P1B-12E A1J12.34 P12-58 (S202-16)
From ID From ID From ID	A1J14.50 A1P10.50	to to to	ID ID ID	A1P14.50 A1J10.50 P11-244 (S510-2) A1P9.31 BUS 2
From ID	P2-33 (UUT J1-33) J2B-14E A1P12.28	to	ID	P1B-14E A1J12.28 P12-86 (S201-48)
From ID From ID From ID	P12-80 (S201-2) A1J12.40 A1P10.8 P11-77 (S508-3) A1J9.15	to to to	ID ID ID	A1J10.8 P11-139 (S508-2)
From ID From ID From ID	A1P8.28	to to to	ID ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
From ID From ID From ID	A1J15.50 A1P7.38	to to to	ID ID ID	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36 DUND

Step 325

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. The output measured at J1.34 should be less than 0.2Vdc with respect to ground.

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Connection Path is as follows:

See "UUT Power"

See "APPLY IC"

From W2 P2-34 (UUT J1-34) to W2 P1A-4E

From ID J2A-4E to ID A1J14.45

From ID A1P14.45 to ID P13-27 (S202-36)
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From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2)
From ID P11-18 (S509-3)	to ID A1P9.19
From ID A1J9.19	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 326

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J1.28. The output measured at J1.34 should be between 27.1Vdc and 28.1Vdc with respect to ground.

From W2 P2-28 (UUT J1-28) From ID J2B-14F From ID A1P12.29	to W2 P1B-14F to ID A1J12.29 to ID P12-24 (S202-7)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W2 P2-34 (UUT J1-34) From ID J2A-4E From ID A1P14.45	to W2 P1A-4E to ID A1J14.45 to ID P13-27 (S202-36)
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1)

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From ID P10-77 (S503-3) to ID A1P6.13 from ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50 from ID A1J15.50 to ID A1J7.38 from ID A1P7.38 to ID P10-130 (S301-23) from ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 327

Description:

See "UUT Power"

Connection Path is as follows:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pin J2.29. The output measured at J2.43 should be less than 0.2Vdc with respect to ground.

See "APPLY IC" From W1 P2-29 (UUT J2-29) to W1 P1A-1C From ID J1A-1C to ID AlJ14.5 to ID P13-49 (S201-17) From ID A1P14.5 From ID P12-20 (S201-3) to ID A1P12.46 from ID A1J12.46 to ID A1J10.2 from ID A1P10.2 to ID P11-39 (S507-1) from ID P11-72 (S507-4) to ID A1P9.27 from ID A1J9.27 From ID A1J9.27 to ID BUS 2 From W1 P2-43 (UUT J2-43) to W1 P1B-9D from ID J1B-9D to ID A1J13.17 from ID A1P13.17 to ID P12-41 (S701-38) From ID P12-44 (S701-2) to ID A1P12.48
From ID A1J12.48 to ID A1J10.1
From ID A1P10.1 to ID P11-162 (S506-2)
From ID P11-164 (S506-3) to ID A1P9.23
From ID A1J9.23 to ID BUS 1 From ID A1J9.23 to ID BUS 1 From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (
From ID P10-77 (S503-3) to ID A1P6.13 to ID P10-203 (S503-1) From ID AlJ6.13 to ID BUS 1 From ID P20-3 (DMM-LO) to ID A1P15.50 from ID A1J15.50 to ID A1J7.38 from ID A1P7.38 to ID P10-130 (S301-23) from ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

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Step 328

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pins J2.47 and J2.29. The output measures at pin J2.43 should be between 16.5 and 17.5Vdc with respect to ground.

From W1 P2-47 (UUT J2-47)	to W1 P1A-3F
From ID J1A-3F	to ID AlJ14.14
From ID A1P14.14	to ID P13-18 (S201-35)
FIOR ID AIFIT.IT	CO 1D F13-10 (5201-33)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID AlJ10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID Alp9.27
From ID A1J9.27	to ID BUS 2
From W1 P2-43 (UUT J2-43)	to W1 P1B-9D
From ID J1B-9D	to ID A1J13.17
From ID A1P13.17	to ID P12-41 (S701-38)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID AlJ10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID AlJ15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

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Step 329

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pin J2.29. The output measures at pin J2.43 should be between 16.5 and 17.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W1 P2-43 (UUT J2-43)	to W1 P1B-9D
From ID J1B-9D	to ID A1J13.17
From ID A1P13.17	to ID P12-41 (S701-38)
From ID P11-164 (S506-3) From ID A1J9.23	to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI)	
	to ID A1J8.28
	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID Alp6.13
From ID A1J6.13	to ID BUS 1
	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 330

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pin J2.29. J2.56 is shorted to ground. Initiate Counter/Timer to measure the time interval between pins J2.56 and J2.43. When J2.56 decreases past 5 volts, the output at pin J2.43 should drop to less than 0.5Vdc with respect to ground in between 190 and 725 msecs.

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Connection Path is as follows: See "UUT Power" From CT-RTN to ID AlJ6.9
From ID AlP6.9 to ID P10-94 (S402-1)
From ID P10-253 (S402-5) to ID AlP6.22
From ID AlJ6.22 to ID BUS 8 From W1 P2-30 (UUT J2-30) to W1 P1B-4B From ID J1B-4B to ID AlJ12.17 From ID AlP12.17 to ID P12-96 (S202-47) From ID P12-59 (S202-1) to ID A1P12.38 From ID P12-39 (8262 1)

From ID A1J12.38 to ID A1J10.10

From ID A1P10.10 to ID P11-177 (8509-1)

From ID P11-207 (8509-7) to ID A1P9.36

From ID A1J9.36 to ID BUS 5 From ID P19-18 (CT-IN1) to ID A1P21.1 from ID A1J21.1 to ID A1J6.8 from ID A1P6.8 to ID P10-162 (S501-2) from ID P10-161 (S501-7) to ID A1P7.45 from ID A1J7.45 From ID A1J7.45 to ID BUS 5 From W1 P2-43 (UUT J2-43) to W1 P1B-9D from ID J1B-9D to ID AlJ13.17 From ID AlP13.17 to ID P12-41 (S701-38) From ID P12-44 (S701-2) to ID A1P12.48 From ID P12-77 (5.02)

From ID A1J12.48 to ID A1J10.1

From ID A1P10.1 to ID P11-162 (S506-2)

From ID P11-193 (S506-6) to ID BUS 4 From ID P19-19 (CT-IN2) to ID A1P22.1 From ID A1J22.1 to ID A1J6.10 From ID A1P6.10 to ID P10-71 (S502-2) From ID P10-38 (S502-6) to ID A1P7.43 From ID A1J7.43 to ID BUS 4 From ID P12-59 (S202-1) to ID A1P12.38
From ID A1J12.38 to ID A1J10.10
From ID A1P10.10 to ID P11-177 (S509-1)
From ID P11-17 (S509-4) to ID A1P9.29
From ID A1J9.29 to ID BUS 2 From W1 P2-29 (UUT J2-29) to W1 P1A-1C from ID J1A-1C to ID A1J14.5 to ID P13-49 (S201-17) From ID P12-20 (S201-3) to ID A1P12.46
From ID A1J12.46 to ID A1J10.2
From ID A1P10.2 to ID P11-39 (S to ID P11-39 (S507-1)

From ID A1P10.2

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From ID P11-72 (S507-4) to ID A1P9.27 From ID A1J9.27 to ID BUS 2

Step 331

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J1.70 with respect to J2.11. 28.0Vdc is applied to pins J2.29 and J2.34. The output measured at J2.43 should be less than 0.2Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

See "APPLY IC"

From ID A1J15.50

From W1 P2-34 (UUT J2-34) From ID J1A-5F From ID A1P14.18	to W1 P1A-5F to ID A1J14.18 to ID P13-89 (S202-18)
FION ID AIPI4.10	CO ID PI3-09 (S202-10)
From ID P13-29 (S202-4) From ID A1J14.50 From ID A1P10.50 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.50 to ID A1J10.50 to ID P11-244 (S510-2) to ID A1P9.31 to ID BUS 2
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W1 P2-43 (UUT J2-43) From ID J1B-9D From ID A1P13.17	to W1 P1B-9D to ID A1J13.17 to ID P12-41 (S701-38)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50

to ID A1J7.38

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From ID A1P7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 332

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J1.70 with respect to J2.11. 28.0Vdc is applied to pins J2.29, J2.13, and J2.34. The output measures at pin J2.43 should be between 16.5 and 17.5Vdc with respect to ground.

From W1 P2-13 (UUT J2-13) From ID J1B-14B From ID A1P13.3	to W1 P1B-14B to ID A1J13.3 to ID P12-46 (S201-7)
From W1 P2-34 (UUT J2-34) From ID J1A-5F From ID A1P14.18	to W1 P1A-5F to ID A1J14.18 to ID P13-89 (S202-18)
From ID P13-29 (S202-4) From ID A1J14.50 From ID A1P10.50 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.50 to ID A1J10.50 to ID P11-244 (S510-2) to ID A1P9.31 to ID BUS 2
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W1 P2-43 (UUT J2-43) From ID J1B-9D From ID A1P13.17	to W1 P1B-9D to ID A1J13.17 to ID P12-41 (S701-38)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1

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From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 333

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J1.70 with respect to J2.11. 28.0Vdc is applied to pins J2.29 and J2.34. The output measures at pin J2.43 should be between 16.5 and 17.5Vdc with respect to ground.

From W1 P2-34 (UUT J2-34) From ID J1A-5F From ID A1P14.18	to W1 P1A-5F to ID A1J14.18 to ID P13-89 (S202-18)
From ID P13-29 (S202-4) From ID A1J14.50 From ID A1P10.50 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1J10.50 to ID P11-244 (S510-2)
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W1 P2-43 (UUT J2-43) From ID J1B-9D From ID A1P13.17	to W1 P1B-9D to ID A1J13.17 to ID P12-41 (S701-38)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1

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From ID P20-3 (DMM-LO) to ID A1P15.50 From ID A1J15.50 to ID A1J7.38 From ID A1P7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND

Step 334

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J1.70 with respect to J2.11. 28.0Vdc is applied to pins J2.29and J2.34. Pin J2.56 is shorted to ground. Initiate Counter/Timer to measure the time interval between pins J2.56 and J2.43. When J2.56 decreases past 5 volts, the output at pin J2.43 should drop to less than 0.5Vdc with respect to ground in between 190 and 725 msecs.

From CT-RTN From ID A1P6.9 From ID P10-253 (S402-5) From ID A1J6.22	to ID A1J6.9 to ID P10-94 (S402-1) to ID A1P6.22 to ID BUS 8
From W1 P2-30 (UUT J2-30) From ID J1B-4B From ID A1P12.17	to W1 P1B-4B to ID A1J12.17 to ID P12-96 (S202-47)
	to ID A1J10.10 to ID P11-177 (S509-1)
From ID P19-18 (CT-IN1) From ID A1J21.1 From ID A1P6.8 From ID P10-161 (S501-7) From ID A1J7.45	to ID A1P21.1 to ID A1J6.8 to ID P10-162 (S501-2) to ID A1P7.45 to ID BUS 5
From W1 P2-43 (UUT J2-43) From ID J1B-9D From ID A1P13.17	to W1 P1B-9D to ID A1J13.17 to ID P12-41 (S701-38)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-193 (S506-6) From ID A1J9.50	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.50 to ID BUS 4
From ID P19-19 (CT-IN2) From ID A1J22.1	to ID A1P22.1 to ID A1J6.10

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From ID A1P6.10 From ID P10-38 (S502-6) From ID A1J7.43	to ID P10-71 (S502-2) to ID A1P7.43 to ID BUS 4
From ID P12-59 (S202-1) From ID A1J12.38 From ID A1P10.10 From ID P11-17 (S509-4) From ID A1J9.29	to ID A1P12.38 to ID A1J10.10 to ID P11-177 (S509-1) to ID A1P9.29 to ID BUS 2
From W1 P2-34 (UUT J2-34) From ID J1A-5F From ID A1P14.18	to W1 P1A-5F to ID A1J14.18 to ID P13-89 (S202-18)
From ID P13-29 (S202-4) From ID A1J14.50 From ID A1P10.50 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.50 to ID A1J10.50 to ID P11-244 (S510-2) to ID A1P9.31 to ID BUS 2
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2

Step 335

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.29, J2.47, J2.34 and J2.22. The output measured at J2.59 should be greater than 17.6Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"	
From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5

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From ID A1P14.5		to ID	P13-49 (S201-17)
From ID P12-20 (S From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S From ID A1J9.27	3507-4)	to ID to ID to ID	A1P12.46 A1J10.2 P11-39 (S507-1) A1P9.27 BUS 2
From W1 P2-47 (UC From ID J1A-3F From ID A1P14.14		to ID	P1A-3F A1J14.14 P13-18 (S201-35)
From W1 P2-22 (UU From ID J1A-1B From ID A1P14.3		to ID	P1A-1B A1J14.3 P13-80 (S201-11)
From W1 P2-59 (UU From ID J1A-4C From ID A1P15.6		to ID	P1A-4C A1J15.6 P13-44 (S701-42)
From ID P12-44 (S From ID A1J12.48 From ID A1P10.1 From ID P11-164 (From ID A1J9.23	S506-3)	to ID to ID to ID	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1
From ID P20-2 (DM From ID A1J15.49 From ID A1P8.28 From ID P10-77 (SFrom ID A1J6.13	5503-3)	to ID to ID to ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
From ID P20-3 (DM From ID A1J15.50 From ID A1P7.38 From ID P10-229 (From ID A1J7.36	S301-24)	to ID to ID	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36 DUND

Step 336

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pins J2.29 and J2.34. The output measured at J2.59 should be greater than 17.6Vdc with respect to ground.

From W1 P2-	34 (UUT J2-34)	to	W1	P1A-5F	
From ID J1A	-5F	to	ID	A1J14.1	.8
From ID A1P	14.18	to	ID	P13-89	(S202-18)

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From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
T	L 17 D17 1D
From W1 P2-22 (UUT J2-22)	to W1 P1A-1B
From ID J1A-1B	to ID A1J14.3
From ID A1P14.3	to ID P13-80 (S201-11)
From W1 P2-59 (UUT J2-59)	to W1 P1A-4C
From ID J1A-4C	to ID A1J15.6
From ID A1P15.6	to ID P13-44 (S701-42)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID AlJ15.50	to ID A1J7.38
From ID A1013.30	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND
FIOR ID AIO 1.30	CO GROOND

Step 337

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pins J2.29 and J2.34. Pin J2.56 is grounded. Initiate Counter/Timer to measure the time interval between pins J2.56 and J2.59. When J2.56 decreases past 5 volts, the output at pin J2.59 should drop to less than 0.5Vdc with respect to ground in between 190 and 725 msecs.

Connection Path is as follows:

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See "UUI Power"	See	"UUT	Power"
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From	СТ-	-RTN	to	TD	A1J6.9
		A1P6.9			P10-94 (S402-1)
		P10-253 (S402-5)			A1P6.22
		A1J6.22			BUS 8
r I Oili	עד	A100.22	LU	דט	B05 0
From	TAT 1	P2-30 (UUT J2-30)	t o	TAT 1	P1B-4B
		J1B-4B			A1J12.17
		A1P12.17			P12-96 (S202-47)
r I Oili	עד	AIFIZ.I/	LU	דט	P12-90 (5202-47)
From	ID	P13-93 (S202-3)	to	ID	A1P14.49
		A1J14.49			A1J10.48
		A1P10.48			P11-52 (S510-1)
		P11-115 (S510-7)			A1P9.38
		Alj9.38			BUS 5
110111	10	11100.00	00	10	205 3
From	ID	P19-18 (CT-IN1)	to	ID	A1P21.1
From	ID	A1J21.1	to	ID	A1J6.8
		A1P6.8			P10-162 (S501-2)
		P10-161 (S501-7)			A1P7.45
		A1J7.45			BUS 5
		1120 / 7 10			
From	W1	P2-59 (UUT J2-59)	to	W1	P1A-4C
		J1A-4C	to	ID	A1J15.6
From	ID	A1P15.6	to	ID	P13-44 (S701-42)
					,
From	ID	P12-44 (S701-2)	to	ID	A1P12.48
From	ID	A1J12.48	to	ID	A1J10.1
From	ID	A1P10.1	to	ID	P11-162 (S506-2)
From	ID	P11-193 (S506-6)			A1P9.50
		A1J9.50			BUS 4
From	ID	P19-19 (CT-IN2)	to	ID	A1P22.1
From	ID	A1J22.1	to	ID	A1J6.10
From	ID	A1P6.10	to	ID	P10-71 (S502-2)
From	ID	P10-38 (S502-6)	to	ID	A1P7.43
From	ID	A1J7.43	to	ID	BUS 4
From	ID	P12-59 (S202-1)	to	ID	A1P12.38
From	ID	A1J12.38	to	ID	A1J10.10
From	ID	A1P10.10	to	ID	P11-177 (S509-1)
From	ID	P11-17 (S509-4)	to	ID	A1P9.29
		A1J9.29			BUS 2
From	W1	P2-34 (UUT J2-34)	to	W1	P1A-5F
From	ID	J1A-5F	to	ID	A1J14.18
From	ID	A1P14.18	to	ID	P13-89 (S202-18)
		P13-29 (S202-4)			A1P14.50
		A1J14.50			A1J10.50
		A1P10.50	to	ID	P11-244 (S510-2)
		P11-147 (S510-4)			A1P9.31
From	ID	A1J9.31	to	ID	BUS 2

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From W1 P2-29 (UUT J2-29) to W1 P1A-1C from ID J1A-1C to ID A1J14.5 from ID A1P14.5 to ID P13-49 (S201-17)

From ID P12-20 (S201-3) to ID A1P12.46 from ID A1J12.46 to ID A1J10.2 from ID A1P10.2 to ID P11-39 (S507-1) from ID P11-72 (S507-4) to ID A1P9.27 from ID A1J9.27 to ID BUS 2

From W1 P2-22 (UUT J2-22) to W1 P1A-1B from ID J1A-1B to ID A1J14.3 from ID A1P14.3 to ID P13-80 (S201-11)

Step 338

Description:

See "UUT Power"

Connection Path is as follows:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pins J2.29 and J2.13. The output measured at J2.59 should be less than 0.2Vdc with respect to ground.

 See "APPLY IC"

 From W1 P2-29 (UUT J2-29)
 to W1 P1A-1C

 From ID J1A-1C
 to ID A1J14.5

 From ID A1P14.5
 to ID P13-49 (S201-17)

 From ID P12-20 (S201-3)
 to ID A1P12.46

 From ID A1J12.46
 to ID A1J10.2

 From ID A1P10.2
 to ID P11-39 (S507-1)

 From ID P11-72 (S507-4)
 to ID A1P9.27

 From ID A1J9.27
 to ID BUS 2

 From ID J1B-14B
 to ID A1J13.3

 From ID A1P13.3
 to ID P12-46 (S201-7)

 From W1 P2-59 (UUT J2-59)
 to W1 P1A-4C

 From ID J1A-4C
 to ID A1J15.6

 From ID A1P15.6
 to ID A1P12.48

 From ID A1J12.48
 to ID A1J10.1

 From ID A1P10.1
 to ID A1P1.162 (S506-2)

 From ID A1P10.2
 to ID A1P9.23

 From ID A1J9.23
 to ID BUS 1

 From ID P20-2 (DMM-HI)
 to ID A1P15.49

 From ID A1J15.49
 to ID A1J8.28

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From ID A1P8.28 to ID P10-203 (S503-1) From ID P10-77 (S503-3) to ID A1P6.13 From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50 From ID A1J15.50 to ID A1J7.38 From ID A1P7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND

Step 339

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pins J2.29, J2.13, and J2.22. The output measured at J2.59 should be greater than 17.6Vdc with respect to ground.

From W1 P2-22 (UUT J2-22) From ID J1A-1B From ID A1P14.3	to W1 P1A-1B to ID A1J14.3 to ID P13-80 (S201-11)
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W1 P2-13 (UUT J2-13) From ID J1B-14B From ID A1P13.3	to W1 P1B-14B to ID A1J13.3 to ID P12-46 (S201-7)
From W1 P2-59 (UUT J2-59) From ID J1A-4C From ID A1P15.6	to W1 P1A-4C to ID A1J15.6 to ID P13-44 (S701-42)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3)	to ID A1J8.28 to ID P10-203 (S503-1)

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From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50

From ID A1J15.50 to ID A1J7.38

From ID A1P7.38 to ID P10-130 (S301-23)

From ID P10-229 (S301-24) to ID A1P7.36

From ID A1J7.36 to GROUND

Step 340

Description:

This step applies 15.0 Vdc to pin J3.30, and -15.0 Vdc to pin J3.29 with respect to J3.10. 28.0 Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. The output measured at pin J2.20 should be less than 0.2 Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From ID J1B-4A	to W1 P1B-4A to ID A1J12.16 to ID P12-63 (S202-46)
From ID A1J12.36	to ID A1P12.36 to ID A1J10.12
·	to ID P11-242 (S509-2) to ID A1P9.26 to ID BUS 6
	to ID A1J8.50 to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID A1P4.18 From ID R108.2 From ID A1J4.10	to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3)	to ID A1J10.12 to ID P11-242 (S509-2)
	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) From ID A1J6.13	to ID P10-203 (S303-1) to ID Alp6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24)	to ID AIJ7.38 to ID P10-130 (S301-23)

Date: 04 March 2016

From ID A1J7.36

to GROUND

Step 341

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pin J2.21. The output measured at pin J2.20 should be between 27.0 and 27.6Vdc with respect to ground.

DCC	OOI TOWEL	
From	W1 P2-21 (UUT J2-21)	to W1 P1B-5C
	ID J1B-5C	to ID A1J12.15
	ID A1P12.15	to ID P12-31 (S202-45)
		,
From	ID P13-93 (S202-3)	to ID A1P14.49
From	ID A1J14.49	to ID A1J10.48
From	ID A1P10.48	to ID P11-52 (S510-1)
From	ID P11-147 (S510-4)	to ID A1P9.31
From	ID A1J9.31	to ID BUS 2
From	W1 P2-20 (UUT J2-20)	to W1 P1B-4A
_	ID J1B-4A	to ID A1J12.16
From	ID A1P12.16	to ID P12-63 (S202-46)
From	ID P12-90 (S202-2)	to ID A1P12.36
	ID A1J12.36	to ID A1J10.12
	ID A1P10.12	to ID P11-242 (S509-2)
From	ID P11-144 (S509-8)	to ID A1P9.26
From	ID A1J9.26	to ID BUS 6
	ID BUS 6	to ID A1J8.50
_	ID A1P8.50	to ID P10-138 (S301-54)
	ID P10-9 (S301-53)	to ID A1P7.26
From	ID A1J7.26	to ID A1J4.18
From	ID A1P4.18	to ID R108.1
From	ID R108.2	to ID A1P4.10
From	ID A1J4.10	to GROUND
_	TD D10 00 (0000 0)	
	ID P12-90 (S202-2)	to ID A1P12.36
_	ID A1J12.36 ID A1P10.12	to ID A1J10.12
		to ID P11-242 (S509-2)
	ID P11-18 (S509-3) ID A1J9.19	to ID A1P9.19 to ID BUS 1
FLOIII	ID A109.19	CO ID BOS I
From	ID P20-2 (DMM-HI)	to ID A1P15.49
From	ID A1J15.49	to ID A1J8.28
	ID A1P8.28	to ID P10-203 (S503-1)
From	ID P10-77 (S503-3)	to ID A1P6.13
From	ID A1J6.13	to ID BUS 1
Emarr	TD DOO 2 /DMM TO	to TD 31D15 50
4 LOIII	ID P20-3 (DMM-LO)	to ID A1P15.50

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From ID A1J15.50 to ID A1J7.38 From ID A1P7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND

Step 342

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. The output measured at pin J2.54 should be less than 0.2Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From ID P12-90 (S202-2) to ID A1P12.36
From ID A1J12.36 to ID A1J10.12
From ID A1P10.12 to ID P11-242 (S509-2)
From ID P11-144 (S509-8) to ID A1P9.26
From ID A1J9.26 to ID BUS 6 From ID A1J9.26 to ID BUS 6

From ID BUS 6
From ID A1P8.50
From ID P10-9 (S301-53)
From ID A1J7.26
From ID A1P4.18
From ID R108.2
From ID A1J4.10

to ID A1J8.50
to ID P10-138 (S301-54)
to ID A1P7.26
to ID A1P7.26
to ID A1P4.18
to ID R108.1
to ID A1P4.10 to GROUND

From ID P12-90 (S202-2) to ID A1P12.36
From ID A1J12.36 to ID A1J10.12
From ID A1P10.12 to ID P11-242 (S509-2)
From ID P11-18 (S509-3) to ID A1P9.19
From ID A1J9 19 to ID BUS 1 From ID A1J9.19 to ID BUS 1

From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50 from ID A1J15.50 to ID A1J7.38 from ID A1P7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 343

From ID AlJ6.13

Date: 04 March 2016

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pin J2.55. The output measured at pin J2.54 should be between 27.0 and 27.6Vdc with respect to ground.

From W1 P2-55 (UUT J2-55) From ID J1A-2E From ID A1P14.10	to W1 P1A-2E to ID A1J14.10 to ID P13-83 (S201-27)
From ID A1J12.46 From ID A1P10.2	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W1 P2-54 (UUT J2-54) From ID J1B-4C From ID A1P12.18	to W1 P1B-4C to ID A1J12.18 to ID P12-32 (S202-48)
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-144 (S509-8) From ID A1J9.26	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.26 to ID BUS 6
From ID BUS 6 From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID R108.2 From ID A1J4.10	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23)

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From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND

Step 344

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. The output measured at pin J2.47 should be less than 0.2Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power" See "APPLY IC"

From W2 P2-47 (UUT J1-47) to W2 P1B-7F From ID J2B-7F to ID A1J12.45 From ID A1P12.45 to ID P12-95 (S202-38)

From ID P12-90 (S202-2) to ID A1P12.36
From ID A1J12.36 to ID A1J10.12
From ID A1P10.12 to ID P11-242 (S509-2)
From ID P11-18 (S509-3) to ID A1P9.19
From ID A1J9.19 to ID BUS 1

From ID A1J9.19 to ID BUS 1

From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID AlJ6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
TD A1.T7.36 to GROUND

Step 345

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pin J2.53. The output measured at pin J2.47 should be between 27.0 and 27.6Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W2 P2-53 (UUT J1-53) to W2 P1A-1B
From ID J2A-1B to ID A1J14.30
From ID A1P14.30 to ID P13-59 (S

to ID P13-59 (S202-25)

From ID P13-93 (S202-3) to ID A1P14.49

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From ID P11-147 (S510-4)	to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W2 P2-47 (UUT J1-47) From ID J2B-7F	to W2 P1B-7F to ID A1J12.45
From ID A1P12.45	to ID P12-95 (S202-38)
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-18 (S509-3)	to ID A1P9.19
From ID A1J9.19	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	
From ID A1J15.50	to ID A1J7.38
	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 346

Description:

See "APPLY IC"

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. The output measured at pin J2.47 should be less than 0.2Vdc with respect to ground.

From W2 P2-47 (UUT J1-47) From ID J2B-7F From ID A1P12.45	to W2 P1B-7F to ID A1J12.45 to ID P12-95 (S202-38)
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1

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From ID P20-3 (DMM-LO) to ID A1P15.50 from ID A1J15.50 to ID A1J7.38 from ID A1P7.38 to ID P10-130 (S301-23) from ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 347

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to pin J2.52. The output measured at pin J2.47 should be between 27.0 and 27.6Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W2 P2-52 (UUT J1-52) From ID J2B-7C From ID A1P12.22	to W2 P1B-7C to ID A1J12.22 to ID P12-91 (S202-23)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W2 P2-47 (UUT J1-47) From ID J2B-7F From ID A1P12.45	to W2 P1B-7F to ID A1J12.45 to ID P12-95 (S202-38)
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 348

Description:

Connection Path is as follows:

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This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. The output measured at pin J2.65 should be less than 0.2Vdc with respect to ground.

See "UUT Power" See "APPLY IC" From W1 P2-65 (UUT J2-65) to W1 P1A-7A From ID J1A-7A to ID A1J15.13 From ID A1P15.13 to ID P13-45 (S701-39) From ID P12-76 (S701-1) to ID A1P12.50 from ID A1J12.50 to ID A1J10.3 from ID A1P10.3 to ID P11-194 (S506-1) from ID P11-129 (S506-8) to ID A1P9.30 from ID A1J9.30 to ID BUS 6 From ID BUS 6

From ID A1P8.50

From ID P10-9 (S301-53)

From ID A1J7.26

From ID A1P4.18

From ID R108.2

From ID A1J4.10

to ID A1J8.50

to ID P10-138 (S301-54)

to ID A1P7.26

to ID A1P4.18

to ID R108.1

to ID A1P4.10

to GROUND From ID P12-76 (S701-1) to ID A1P12.50 to ID A1J10.3 From ID A1P10.3 to ID P11-194 (S506-1) From ID P11-164 (S506-3) to ID A1P9.23 from ID A1J9.23 to ID BUS 1 From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1 to ID P10-203 (S503-1) From ID AlJ6.13 to ID BUS 1 From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 349

Description:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. 28.0Vdc is applied to pins J2.30. The output measured at pin J2.65 should be greater than 26.8Vdc with respect to ground.

Connection Path is as follows:

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See "UUT Power" From W1 P2-30 (UUT J2-30) to W1 P1B-4B From ID J1B-4B to ID A1J12.17 From ID A1P12.17 to ID P12-96 (S to ID P12-96 (S202-47) From ID P13-93 (S202-3) to ID A1P14.49 From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 to ID BUS 2 From W1 P2-65 (UUT J2-65) to W1 P1A-7A From ID J1A-7A to ID A1J15.13 From ID A1P15.13 to ID P13-45 (S701-39) From ID P12-76 (S701-1) to ID A1P12.50 to ID A1J10.3 From ID A1P10.3 to ID P11-194 (S506-1) From ID P11-129 (S506-8) to ID A1P9.30 to ID BUS 6 From ID BUS 6 to ID A1J8.50
From ID A1P8.50 to ID P10-138 (S301-54)
From ID P10-9 (S301-53) to ID A1P7.26
From ID A1J7.26 to ID A1J4.18
From ID A1P4.18 to ID R108.1
From ID R108.2 to ID A1P4.10
From ID A1J4.10 to GROUND From ID P12-76 (S701-1) to ID A1P12.50 to ID A1J10.3 From ID A1P10.3 to ID P11-194 (S506-1) From ID P11-164 (S506-3) to ID A1P9.23 to ID BUS 1 From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1 From ID P20-3 (DMM-LO) to ID A1P15.50 From ID A1J15.50 to ID A1J7.38 From ID A1P7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID A1P7.36

Step 350

Description:

From ID A1J7.36

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. 28.0Vdc

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is applied to pins J2.30. The output measured at pin J2.66 should be between 27.0 and 27.6Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC" From W1 P2-66 (UUT J2-66) to W1 P1A-7C from ID J1A-7C to ID A1J15.15 from ID A1P15.15 to ID P13-76 (S701-41) From ID P12-76 (S701-1) to ID A1P12.50 from ID A1J12.50 to ID A1J10.3 from ID A1P10.3 to ID P11-194 (S506-1) from ID P11-129 (S506-8) to ID A1P9.30 from ID A1J9.30 to ID BUS 6 From ID BUS 6 to ID A1J8.50
From ID A1P8.50 to ID P10-138 (S301-54)
From ID P10-9 (S301-53) to ID A1P7.26
From ID A1J7.26 to ID A1J4.18
From ID A1P4.18 to ID R108.1
From ID R108.2 to ID A1P4.10
From ID A1J4.10 to GROUND From ID P12-76 (S701-1) to ID A1P12.50 from ID A1J12.50 to ID A1J10.3 from ID A1P10.3 to ID P11-194 (S506-1) From ID P11-164 (S506-3) to ID A1P9.23 from ID A1J9.23 to ID BUS 1 From ID A1J9.23 to ID BUS 1 From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID BUS 1 From ID P20-3 (DMM-LO) to ID A1P15.50 From ID A1J15.50 to ID A1J7.38 From ID A1P7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND From W1 P2-30 (UUT J2-30) to W1 P1B-4B From ID J1B-4B From ID A1P12.17 to ID A1J12.17 to ID P12-96 (S202-47) From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 to ID BUS 2 From ID A1J9.31 to ID BUS 2

Step 351

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Description:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. 28.0Vdc is applied to pins J2.30. The output measured at pin J2.25 should be between 26.8 and 27.4Vdc with respect to ground.

From	ID	P2-30 (UUT J2-30) J1B-4B A1P12.17	to	ID	P1B-4B A1J12.17 P12-96 (S202-47)
From From From	ID ID ID	A1J14.49	to to to	ID ID ID	A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2
From	ID	P2-25 (UUT J2-25) J1A-5C A1P15.9	to	ID	P1A-5C A1J15.9 P13-75 (S701-31)
From From From	ID ID ID	A1J12.50	to to to	ID ID ID	A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6
From From From From	ID ID ID ID		to to to to	ID ID ID ID	A1J8.50 P10-138 (S301-54) A1P7.26 A1J4.18 R108.1 A1P4.10
From From From From	ID ID ID	P12-76 (S701-1) A1J12.50 A1P10.3	to to to	ID ID ID	A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.23
From From From	ID ID ID	P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13	to to to	ID ID ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
From From	ID ID	P20-3 (DMM-LO) A1J15.50 A1P7.38 P10-229 (S301-24)	to to	ID ID	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36

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From ID A1J7.36

to GROUND

Step 352

Description:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. 28.0Vdc is applied to pins J2.30. The output measured at pin J2.31 should be between 26.8 and 27.4Vdc with respect to ground.

From W1 P2-30 (UUT J2-30) From ID J1B-4B From ID A1P12.17	to W1 P1B-4B to ID A1J12.17 to ID P12-96 (S202-47)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1J10.48 to ID P11-52 (S510-1)
From W1 P3-1 (UUT J3-1) From ID J1B-11E	to W1 P1B-11E to ID A1J13.22
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1J10.3 to ID P11-194 (S506-1)
From ID BUS 6 From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID R108.2 From ID A1J4.10 to GROUND	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID A1J15.49	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50

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From ID A1J15.50 to ID A1J7.38 from ID A1P7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 353

Description:

This step applies 15.0 Vdc to pin J3.30 and -15.0 Vdc to pin J3.29. 28.0 Vdc is applied to pin J2.32 with respect J2.11. 28.0 Vdc is applied to pins J2.30. The output measured at pin J2.24 should be between 26.8 and 27.4 Vdc with respect to ground.

From W1 P2-30 (UUT J2-30) From ID J1B-4B From ID A1P12.17	to W1 P1B-4B to ID A1J12.17 to ID P12-96 (S202-47)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
	to W1 P1B-11F to ID A1J13.18 to ID P12-40 (S701-29)
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.30 to ID BUS 6
From ID BUS 6 From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID R108.2 From ID A1J4.10	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID A1J15.49	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13

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From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50

From ID A1J15.50 to ID A1J7.38

From ID A1P7.38 to ID P10-130 (S301-23)

From ID P10-229 (S301-24) to ID A1P7.36

Step 354

Description:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. 28.0Vdc is applied to pins J2.30. The output measured at pin J2.63 should be between 26.8 and 27.4Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From ID A1J7.36 to GROUND

From W1 P2-30 (UUT J2-3 From ID J1B-4B From ID A1P12.17	0) to W1 P1B-4B to ID A1J12.17 to ID P12-96 (S202-47)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P2-63 (UUT J2-6 From ID J1A-6B From ID A1P15.11	to W1 P1A-6B to ID A1J15.11 to ID P13-10 (S701-33)
From ID A1J12.50 From ID A1P10.3	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.30 to ID BUS 6
From ID BUS 6 From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID R108.2 From ID A1J4.10	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-2) From ID A1J9.23 From ID P20-2 (DMM-HI)	to ID A1J10.3 to ID P11-194 (S506-1)

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From ID AlJ15.49 to ID AlJ8.28
From ID AlP8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID AlP6.13
From ID AlJ6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID AlP15.50
From ID AlJ15.50 to ID AlJ7.38
From ID AlP7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID AlP7.36
From ID AlJ7.36 to GROUND

Step 355

Description:

This step applies 15.0 Vdc to pin J3.30 and -15.0 Vdc to pin J3.29. 28.0 Vdc is applied to pin J2.32 with respect J2.11. 28.0 Vdc is applied to pins J2.30. The output measured at pin J2.58 should be between 26.8 and 27.4 Vdc with respect to ground.

From W1 P2-30 (UUT J2-30) From ID J1B-4B From ID A1P12.17	to W1 P1B-4B to ID A1J12.17 to ID P12-96 (S202-47)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID AlJ14.49	to ID A1J10.48
	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P2-58 (UUT J2-58)	
From ID J1B-10D	to ID A1J13.19
From ID A1P13.19	to ID P12-42 (S701-35)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID A1J7.26	to ID A1J4.18
From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
From ID A1J4.10	to GROUND
	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23

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From ID AlJ9.23 to ID BUS 1

From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 356

Description:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. 28.0Vdc is applied to pins J2.35. The output measured at pin J2.25 should be between 26.8 and 27.4Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power" See "APPLY IC"

From W1 P2-25 (UUT J2-25) to W1 P1A-5C From ID J1A-5C to ID A1J15.9 From ID A1P15.9 to ID P13-75 (S701-31)

From ID P12-76 (S701-1) to ID A1P12.50 to ID A1J10.3 From ID A1P10.3 to ID P11-194 (S506-1) From ID P11-129 (S506-8) to ID A1P9.30 to ID BUS 6

From ID BUS 6 to ID AlJ8.50 From ID AlP8.50 to ID P10-138 (S301-54) From ID P10-9 (S301-53) to ID AlP7.26 From ID AlJ7.26 to ID AlJ4.18 From ID AlP4.18 to ID R108.1 From ID R108.2 to ID AlP4.10 From ID AlJ4.10 to GROUND

From ID P12-76 (S701-1) to ID A1P12.50 to ID A1J10.3 From ID A1P10.3 to ID P11-194 (S506-1) From ID P11-164 (S506-3) to ID A1P9.23 from ID A1J9.23 to ID BUS 1

From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203
From ID P10-77 (S503-3) to ID A1P6.13

to ID P10-203 (S503-1)

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From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND From W1 P2-35 (UUT J2-35) to W1 P1B-9C to ID A1J12.3 From ID A1P12.3 to ID P12-51 (S201-21) From ID P12-20 (S201-3) to ID A1P12.46
From ID A1J12.46 to ID A1J10.2
From ID A1P10.2 to ID P11-39 (S507-1)
From ID P11-72 (S507-4) to ID A1P9.27
From ID A1J9.27 to ID BUS 2

Step 357

Description:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.34 with respect J2.11. The output measured at pin J2.66 should be between 26.8 and 27.4Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From W1 P2-34 (UUT J2-34) to W1 P1A-5F
From ID J1A-5F to ID A1J14.18
From ID A1P14.18 to ID P13-89 (S202-18)
From ID P13-29 (S202-4) to ID A1P14.50
From ID A1J14.50 to ID A1J10.50
From ID A1P10.50 to ID P11-244 (S510-2)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 to ID BUS 2

From W1 P2-66 (UUT J2-66) to W1 P1A-7C From ID J1A-7C to ID A1J15.15 From ID A1P15.15 to ID P13-76 (S701-41)

From ID P12-76 (S701-1) to ID A1P12.50
From ID A1J12.50 to ID A1J10.3
From ID A1P10.3 to ID P11-194 (S506-1)
From ID P11-129 (S506-8) to ID A1P9.30
From ID A1J9.30 to ID BUS 6

From ID A1J9.30 to ID BUS 6

From ID BUS 6 to ID A1J8.50
From ID A1P8.50 to ID P10-138 (S301-54)
From ID P10-9 (S301-53) to ID A1P7.26
From ID A1J7.26 to ID A1J4.18
From ID A1P4.18 to ID R108 1

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From ID R108.2	to ID A1P4.10
From ID A1J4.10	to GROUND
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 358

Description:

Connection Path is as follows:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. 28.0Vdc is applied to pins J1.40. The output measured at pin J1.9 should be between 26.8 and 27.4Vdc with respect to ground.

See "UUT Power" See "APPLY IC"	
From W2 P2-9 (UUT J1-9) From ID J2B-10B From ID A1P13.33	to W2 P1B-10B to ID A1J13.33 to ID P12-10 (S701-45)
	to ID A1J10.3 to ID P11-194 (S506-1)
	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1)

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From ID P11-164 (S506-3) From ID A1J9.23 to ID BUS 1	to ID A1P9.23
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID AlJ15.50	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND
From W2 P2-40 (UUT J1-40) From ID J2B-13E From ID A1P12.31	to W2 P1B-13E to ID A1J12.31 to ID P12-57 (S202-13)
From ID A1J14.49 From ID A1P10.48	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2

Step 359

Description:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. 28.0Vdc is applied to pins J1.40. The output measured at pin J1.63 should be between 26.8 and 27.4Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power"	
From W2 P2-40 (UUT J1-40) to W2 From ID J2B-13E to ID A1J12.31 From ID A1P12.31 to ID P12-57 (S2	
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From W2 P2-63 (UUT J1-63)	to W2 P1B-5F
From ID J2B-5F	to ID A1J12.49
From ID A1P12.49	to ID P12-30 (S202-40)
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-144 (S509-8)	to ID A1P9.26

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From	ID	A1J9.26	to	ID	BUS 6	
_		BUS 6			A1J8.50	
From	ID	A1P8.50	to	ID	P10-138	(S301-54)
		P10-9 (S301-53)				
_		A1J7.26			A1J4.18	
_		A1P4.18			R108.1	
From	ID	R108.2	to	ID	A1P4.10	
From	ID	A1J4.10	to	GRO	DUND	
		P12-90 (S202-2)				
From	ID				A1J10.12	
						(S509-2)
From	ID	P11-18 (S509-3)	to	ID	A1P9.19	
From	ID	A1J9.19 to ID BUS 1				
		- ,			A1P15.49	
From	ID				A1J8.28	
From	ID	A1P8.28	to	ID	P10-203	(S503-1)
From	ID	P10-77 (S503-3)	to	ID	A1P6.13	
From	ID	A1J6.13	to	ID	BUS 1	
From	ID	P20-3 (DMM-LO)	to	ID	A1P15.50)
From	ID	A1J15.50	to	ID	A1J7.38	
From	ID	A1P7.38	to	ID	P10-130	(S301-23)
From	ID	P10-229 (S301-24)	to	ID	A1P7.36	
From	ID	A1J7.36	to	GRO	OUND	

2.8 MODULE 4: Output Signals Continued

Connection Path is as follows:

This module continues the verification of the proper operation of the CDA Logic CCA's Output Signals.

Refer to 1.4 Reference Drawings when diagnosing connection paths.

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Step 401
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Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. The output measured at pin J3.11 should be between 13.5 and 16.5Vdc with respect to ground.

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From ID A1J12.36 to ID A1J10.12
From ID A1P10.12 to ID P11-242 (S509-2)
From ID P11-18 (S509-3) to ID A1P9.19
From ID A1J9.19 to ID BUS 1

From ID P20-2 (DMM-HI) to ID A1J8.28
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1J7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 402

Description:

This step applies 15.0 Vdc to pin J3.30, and -15.0 Vdc to pin J3.29 with respect to J3.10. 28.0 Vdc is applied to pin J1.70 with respect to J2.11. The output measured at pin J3.11 should be less than 0.2 Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W1 P3-11 (UUT J3-11) From ID J1A-7E From ID A1P14.21	to W1 P1A-7E to ID A1J14.21 to ID P13-90 (S202-26)
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 403

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin

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J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J1.67. The output measured at pin J3.11 should be between 13.5 and 16.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From ID		to	ID	P1B-12E A1J12.34 P12-58 (S202-16)
From ID From ID From ID	A1J14.50 A1P10.50 P11-147 (S510-4)	to to to	ID ID ID	A1P14.50 A1J10.50 P11-244 (S510-2) A1P9.31 BUS 2
From ID	P3-11 (UUT J3-11) J1A-7E A1P14.21	to	ID	P1A-7E A1J14.21 P13-90 (S202-26)
From ID From ID From ID	A1P10.12 P11-18 (S509-3)	to to to	ID ID ID	A1J10.12 P11-242 (S509-2)
From ID	A1P8.28 P10-77 (S503-3) A1J6.13 P20-3 (DMM-LO) A1J15.50 A1P7.38	to to to to to to to	ID ID ID ID ID ID ID ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1 A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36

Step 404

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J1.70 with respect to J2.11. 28.0Vdc is applied to J2.34. The output measured at pin J1.32 should be greater than 17.6Vdc with respect to ground.

From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)

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From ID P13-29 (S202-4) From ID A1J14.50 From ID A1P10.50 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.50 to ID A1J10.50 to ID P11-244 (S510-2) to ID A1P9.31 to ID BUS 2
From W1 P3-11 (UUT J3-11) From ID J1A-7E From ID A1P14.21	to W1 P1A-7E to ID A1J14.21 to ID P13-90 (S202-26)
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3)	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19
From ID A1J9.19 From ID P20-2 (DMM-HI) From ID A1J15.49	to ID BUS 1 to ID A1P15.49 to ID A1J8.28
From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 405

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J1.70 with respect to J2.11. 28.0Vdc is applied to J2.34 and J1.28. The output measured at pin J1.32 should be less than 0.2Vdc with respect to ground.

From W2 P2-28 (UUT J1-28)	to W2 P1B-14F
From ID J2B-14F	to ID A1J12.29
From ID A1P12.29	to ID P12-24 (S202-7)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)

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	to ID A1J10.50 to ID P11-244 (S510-2)
From W1 P3-11 (UUT J3-11) From ID J1A-7E From ID A1P14.21	to W1 P1A-7E to ID A1J14.21 to ID P13-90 (S202-26)
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1
From ID AlJ15.49	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 406

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin $\tt J3.29$ with respect to $\tt J3.10.$ 28.0Vdc is applied to pins $\tt J2.32$ and J1.70 with respect to J2.11. The voltage measured at pin J3.7 with respect to ground should be between 17.3 and 17.7Vdc with respect to ground

See "UUT Power" See "APPLY IC" From W1 P3-7 (UUT J3-7) to W1 P1A-9F From ID J1A-9F to ID A1J14.26 From ID A1P14.26 to ID P13-64 (S202-50) From ID P12-90 (S202-2) to ID A1P12.36

Connection Path is as follows:

From ID A1J12.36 to ID A1J10.12 From ID A1P10.12 to ID P11-242 (S509-2) From ID P11-18 (S509-3) to ID A1P9.19 From ID A1J9.19

to ID BUS 1 From ID AlJ9.19

From ID P20-2 (DMM-HI) to ID A1P15.49 From ID AlJ15.49 to ID A1J8.28

From ID A1P8.28 to ID P10-203 (S503-1)

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From ID P10-77 (S503-3) to ID A1P6.13 from ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50 from ID A1J15.50 to ID A1J7.38 from ID A1P7.38 to ID P10-130 (S301-23) from ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 407

Description:

Connection Path is as follows:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J1.70 with respect to J2.11. The voltage measured at pin J3.7 with respect to ground should be less than 0.2Vdc with respect to ground.

 See "UUT Power"

 See "APPLY IC"

 From W1 P3-7 (UUT J3-7)
 to W1 P1A-9F

 From ID J1A-9F
 to ID A1J14.26

 From ID A1P14.26
 to ID P13-64 (S202-50)

 From ID P12-90 (S202-2)
 to ID A1P12.36

 From ID A1J12.36
 to ID A1J10.12

 From ID A1P10.12
 to ID P11-242 (S509-2)

 From ID P11-18 (S509-3)
 to ID A1P9.19

 From ID A1J9.19
 to ID A1P15.49

 From ID A1J15.49
 to ID A1P15.49

 From ID A1J15.49
 to ID A1P16.13

 From ID P10-77 (S503-3)
 to ID A1P6.13

 From ID A1J6.13
 to ID BUS 1

 From ID A1J7.38
 to ID A1J7.38

 From ID A1P7.38
 to ID A1P7.36

 From ID A1J7.36
 to ID A1P7.36

Step 408

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J1.70 with respect to J2.11. 28.0Vdc is applied to J2.34. The voltage measured at pin J3.7 with respect to ground should be between 17.3 and 17.7Vdc with respect to ground.

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From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)
From ID A1J14.50	to ID A1P14.50 to ID A1J10.50 to ID P11-244 (S510-2) to ID A1P9.31 to ID BUS 2
From W1 P3-7 (UUT J3-7) From ID J1A-9F From ID A1P14.26	to W1 P1A-9F to ID A1J14.26 to ID P13-64 (S202-50)
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-18 (S509-3)	to ID A1P9.19
From ID A1J9.19	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 409

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. The voltage measured at pin J3.7 with respect to ground should be less than 0.2Vdc with respect to ground.

From W1	P3-7 (UUT J3-7)	to	W1	P1A-9F
From ID	J1A-9F	to	ID	A1J14.26
From ID	A1P14.26	to	ID	P13-64 (S202-50)
From ID	P12-90 (S202-2)	to	ID	A1P12.36
From ID	A1J12.36	to	ID	A1J10.12
From ID	A1P10.12	to	ID	P11-242 (S509-2)
From ID	P11-18 (S509-3)	to	ID	A1P9.19
From ID	A1J9.19	to	ID	BUS 1

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From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 410

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. 28.0Vdc is applied to J3.8. The voltage measured at pin J3.7 with respect to ground should be between 17.3 and 17.7Vdc with respect to ground.

From 1	W1 P3-8 (UUT J3-8) ID J1A-2D ID A1P14.9	to W1 P1A-2D to ID A1J14.8 to ID P13-50 (S201-25)
From I		to ID A1P12.46 to ID A1J10.2 to ID P11-39 (to ID A1P9.27 to ID BUS 2	
From I	W1 P3-7 (UUT J3-7) ID J1A-9F ID A1P14.26	to W1 P1A-9F to ID A1J14.26 to ID P13-64 (
From I	ID A1J12.36	to ID A1P12.36 to ID A1J10.12 to ID P11-242 to ID A1P9.19 to ID BUS 1	
From I		to ID A1P15.49 to ID A1J8.28 to ID P10-203 to ID A1P6.13 to ID BUS 1	
From I	ID P20-3 (DMM-LO) ID A1J15.50 ID A1P7.38 ID P10-229 (S301-24)	to ID A1J7.38 to ID P10-130	

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From ID A1J7.36

to GROUND

Step 411

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.32 and J1.70 with respect to J2.11. The voltage measured at pin J3.7 with respect to ground should be less than 0.2Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power"

From ID	P3-7 (UUT J3-7) J1A-9F A1P14.26	to	ID	P1A-9F A1J14.26 P13-64 (S202-50)
From ID From ID From ID	P12-90 (S202-2) A1J12.36 A1P10.12 P11-18 (S509-3)	to to to	ID ID ID	A1P12.36 A1J10.12 P11-242 (S509-2) A1P9.19
From ID From ID From ID From ID	A1J9.19 P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13	to to to	ID ID ID ID	BUS 1 A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
From ID From ID From ID	P20-3 (DMM-LO) A1J15.50 A1P7.38 P10-229 (S301-24) A1J7.36	to to to	ID ID ID	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36 DUND

Step 412

Description:

This step applies $-15.0 \rm Vdc$ to pin J1.17, 28.0 Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. The voltage measured at pin J1.60 should be less than 0.2 Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power" See "APPLY IC"

From ID	P2-60 (UUT J1-60) J2A-1F A1P14.43	to	ID	P1A-1F A1J14.43 P13-60 (S202-28)
From ID	P12-90 (S202-2)	to	ID	A1P12.36
From ID	A1J12.36	to	ID	A1J10.12
From ID	A1P10.12	to	ID	P11-242 (S509-2)
From ID	P11-144 (S509-8)	to	ID	A1P9.26

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From ID AlJ9.26	to ID BUS 6
From ID BUS 6 From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID R108.2 From ID A1J4.10	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 413

Description:

This step applies $-15.0 \rm Vdc$ to pin J1.17, 28.0 Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0 Vdc is applied to pin J1.49. The voltage measured at pin J1.60 should be less than 0.2 Vdc with respect to ground.

From W2 P2-49 (UUT J1-49) From ID J2B-6A From ID A1P12.21	to W2 P1B-6A to ID A1J12.21 to ID P12-61 (S202-21)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W2 P2-60 (UUT J1-60) From ID J2A-1F From ID A1P14.43 From ID P12-90 (S202-2)	to W2 P1A-1F to ID A1J14.43 to ID P13-60 (S202-28) to ID A1P12.36

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From ID A1J12.36 From ID A1P10.12 From ID P11-144 (S509-8) From ID A1J9.26	to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.26 to ID BUS 6
From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID AlJ12.36	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1
From ID A1P8.28	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 414

Description:

This step applies -15.0Vdc to pin J1.17, 28.0Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0Vdc is applied to pin J1.49 and J1.24. The output measured at pin J1.60 should be between 6.5Vdc and 7.5Vdc with respect to ground.

From W2 P2-24 (UUT J1-24) From ID J2B-8C	to W2 P1B-8C to ID A1J12.25
From ID A1P12.25	to ID P12-89 (S202-5)
From W2 P2-49 (UUT J1-49)	to W2 P1B-6A
From ID J2B-6A	to ID A1J12.21
From ID A1P12.21	to ID P12-61 (S202-21)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)

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From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P9.31 to ID BUS 2
From W2 P2-60 (UUT J1-60)	to W2 P1A-1F
From ID J2A-1F	to ID A1J14.43
From ID A1P14.43	to ID P13-60 (S202-28)
From ID P12-90 (S202-2)	to ID A1P12.36
	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
·	to ID A1P9.26
From ID A1J9.26	to ID BUS 6
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID A1J7.26	to ID A1J4.18
From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
FIUM ID KIUO.Z	
From ID AlJ4.10	to GROUND
From ID A1J4.10	to GROUND
From ID A1J4.10	
From ID A1J4.10 From ID P12-90 (S202-2)	to GROUND to ID A1P12.36
From ID A1J4.10 From ID P12-90 (S202-2) From ID A1J12.36	to GROUND to ID A1P12.36 to ID A1J10.12
From ID A1J4.10 From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12	to GROUND to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2)
From ID A1J4.10 From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19	to GROUND to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1
From ID A1J4.10 From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19	to GROUND to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1 to ID A1P15.49
From ID A1J4.10 From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19 From ID P20-2 (DMM-HI)	to GROUND to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1 to ID A1P15.49 to ID A1J8.28
From ID A1J4.10 From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19 From ID P20-2 (DMM-HI) From ID A1J15.49	to GROUND to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1 to ID A1P15.49
From ID A1J4.10 From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19 From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28	to GROUND to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1 to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1)
From ID A1J4.10 From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19 From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to GROUND to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1 to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13
From ID A1J4.10 From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19 From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3)	to GROUND to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1 to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID A1J4.10 From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19 From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13 From ID P20-3 (DMM-LO)	to GROUND to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1 to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID A1J4.10 From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19 From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13 From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38	to GROUND to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1 to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1 to ID A1P15.50 to ID A1J7.38
From ID A1J4.10 From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19 From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13 From ID P20-3 (DMM-LO) From ID A1J15.50	to GROUND to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1 to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1 to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23)

Step 415

Description:

This step applies -15.0Vdc to pin J1.17, 28.0Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0Vdc is applied to pin J1.49 and J1.24. The 28.0Vdc is removed from pin J1.24. The voltage measured at pin J1.60 should drop to less than 0.2Vdc with respect to ground 2 seconds after disconnecting J1.24 from 28.0Vdc.

Connection Path is as follows: See "UUT Power"

From W2 P2-49 (UUT J1-49) to W2 P1B-6A From ID J2B-6A to ID A1J12.21

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From ID A1P12.21	to ID P12-61 (S202-21)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID AlJ14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
FIOR ID A109.31	CO 1D BOS 2
From W2 P2-60 (UUT J1-60)	to W2 P1A-1F
From ID J2A-1F	to ID A1J14.43
From ID A1P14.43	to ID P13-60 (S202-28)
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-144 (S509-8)	to ID A1P9.26
From ID A1J9.26	to ID BUS 6
F10m 1D A109.20	CO 1D B03 0
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID A1J7.26	to ID A1J4.18
From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
From ID A1J4.10	to GROUND
Error ID D12 00 (C202 2)	to ID A1P12.36
From ID P12-90 (S202-2) From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-18 (S509-3)	to ID A1P9.19
From ID A1J9.19	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID AlJ15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 416

Description:

This step applies -15.0Vdc to pin J1.17, 28.0Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0Vdc is applied to pin J1.49 and J1.8. The output measured at pin J1.60 should be between 6.5Vdc and 7.5Vdc with respect to ground.

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See "APPLY IC"

From W2 P2-8 (UUT J1-8) to W2 P1A-2B From ID J2A-2B to ID A1J14.31 to ID P13-30 (S to ID P13-30 (S202-41) From W2 P2-49 (UUT J1-49) to W2 P1B-6A From ID J2B-6A to ID A1J12.21 from ID A1P12.21 to ID P12-61 (S202-21) From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 From ID A1J9.31 to ID BUS 2 From W2 P2-60 (UUT J1-60) to W2 P1A-1F From ID J2A-1F to ID A1J14.43 From ID A1P14.43 to ID P13-60 (S to ID P13-60 (S202-28) From ID P12-90 (S202-2) to ID A1P12.36 From ID P12-90 (5202 2, From ID A1J12.36 to ID A1J10.12 fo ID P11-242 (S509-2) From ID P11-144 (S509-8) to ID A1P9.26 to ID BUS 6 From ID BUS 6

From ID A1P8.50

From ID P10-9 (S301-53)

From ID A1J7.26

From ID A1P4.18

From ID A1P4.18

From ID R108.2

From ID A1J4.10

to ID A1J8.50

to ID P10-138 (S301-54)

to ID A1P7.26

to ID A1J4.18

to ID R108.1

to ID A1P4.10 From ID AlJ4.10 to GROUND From ID P12-90 (S202-2) to ID A1P12.36
From ID A1J12.36 to ID A1J10.12
From ID A1P10.12 to ID P11-242 (S509-2)
From ID P11-18 (S509-3) to ID A1P9.19
From ID A1J9.19 to ID BUS 1

From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13

From ID AlJ6.13

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

to ID BUS 1

Step 417

Date: 04 March 2016

Description:

This step applies -15.0Vdc to pin J1.17, 28.0Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0Vdc is applied to pin J1.49 and J1.8. The 28.0Vdc is removed from pin J1.8. The voltage measured at pin J1.60 should drop to less than 0.2Vdc with respect to ground 2 seconds after disconnecting J1.8 from 28.0Vdc.

From W2 P2-49 (UUT J1-49)	to W2 P1B-6A
From ID J2B-6A	to ID A1J12.21
From ID A1P12.21	to ID P12-61 (S202-21)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W2 P2-60 (UUT J1-60)	to W2 P1A-1F
From ID J2A-1F	to ID A1J14.43
From ID A1P14.43	to ID P13-60 (S202-28)
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-144 (S509-8)	to ID A1P9.26
From ID A1J9.26	to ID BUS 6
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID A1J7.26	to ID A1J4.18
From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
From ID A1J4.10	to GROUND
·	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-18 (S509-3)	
From ID A1J9.19	to ID BUS 1
,	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID AlP15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)

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From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND

Step 418

Description:

This step applies -15.0Vdc to pin J1.17, 28.0Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0Vdc is applied to pin J1.49 and J1.22. The output measured at pin J1.60 should be between 6.5Vdc and 7.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

See "APPLY IC"

From W2 P2-49 (UUT J1-49) to W2 P1B-6A from ID J2B-6A to ID A1J12.21 from ID A1P12.21 to ID P12-61 (S to ID P12-61 (S202-21)

From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 to ID BUS 2

 From W2 P2-22 (UUT J1-22)
 to W2 P1A-4F

 From ID J2A-4F
 to ID A1J14.46

 From ID A1P14.46
 to ID P13-95 (S202-43)

From W2 P2-60 (UUT J1-60) to W2 P1A-1F
From ID J2A-1F to ID A1J14.43
From ID A1P14.43 to ID P13-60 (S202-28)

From ID P12-90 (S202-2) to ID A1P12.36
From ID A1J12.36 to ID A1J10.12
From ID A1P10.12 to ID P11-242 (S509-2)
From ID P11-144 (S509-8) to ID A1P9.26
From ID A1J9.26 to ID BUS 6

From ID A1J9.26 to ID BUS 6

From ID BUS 6 to ID A1J8.50 From ID A1P8.50 to ID P10-138 (S301-54) From ID P10-9 (S301-53) to ID A1P7.26 From ID A1J7.26 to ID A1J4.18 From ID A1P4.18 to ID R108.1 From ID R108.2 to ID A1P4.10 From ID A1J4.10 to GROUND

From ID P12-90 (S202-2) to ID A1P12.36 to ID A1J10.12 From ID A1P10.12 to ID P11-242 (S509-2) From ID P11-18 (S509-3) to ID A1P9.19 From ID A1J9.19

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From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 419

Description:

This step applies -15.0Vdc to pin J1.17, 28.0Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0Vdc is applied to pin J1.49 and J1.22. The 28.0Vdc is removed from pin J1.22. The voltage measured at pin J1.60 should drop to less than 0.2Vdc with respect to ground 2 seconds after disconnecting J1.22 from 28.0Vdc.

From W2 P2-49 (UUT J1-49) From ID J2B-6A From ID A1P12.21	to W2 P1B-6A to ID A1J12.21 to ID P12-61 (S202-21)
From ID P13-93 (S202-3) From ID A1J14.49	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1)
	to W2 P1A-1F to ID A1J14.43 to ID P13-60 (S202-28)
	to ID A1J10.12 to ID P11-242 (S509-2)
From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID P12-90 (S202-2)	to ID A1P12.36

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From ID A1J12.36 to ID A1J10.12
From ID A1P10.12 to ID P11-242 (S509-2)
From ID P11-18 (S509-3) to ID A1P9.19
From ID A1J9.19 to ID BUS 1

From ID P20-2 (DMM-HI) to ID A1J15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 420

Description:

See "UUT Power"

Connection Path is as follows:

This step applies -15.0 Vdc to pin J1.17, 28.0 Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. The voltage measured at pin J1.25 should be less than 0.2 Vdc with respect to ground.

From W2 P2-25 (UUT J1-25) to W2 P1A-5D From ID J2A-5D to ID A1J14.47 From ID A1P14.47 to ID P13-32 (S202-49)

From ID P12-59 (S202-1) to ID A1P12.38 From ID A1J12.38 to ID A1J10.10 from ID P11-144 (S509-8) to ID A1P9.26 from ID A1J9.26 to ID BUS 6

From ID BUS 6 to ID A1J8.50 from ID A1P8.50 from ID A1J7.26 from ID A1J7.26 from ID A1J4.18 from ID A1J4.18 from ID A1J4.18 from ID R108.2 from ID A1J4.10 from ID P12-90 (S202-2) from ID A1J12.36 from ID A1J12.39 from ID A1J12.39 from ID A1J9.19 from ID P20-2 (DMM-HI) to ID A1P15.49

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From ID AlJ15.49 to ID AlJ8.28
From ID AlP8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID AlP6.13
From ID AlJ6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID AlP15.50
From ID AlJ15.50 to ID AlJ7.38
From ID AlP7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID AlP7.36
From ID AlJ7.36 to GROUND

Step 421

Description:

This step applies -15.0Vdc to pin J1.17, 28.0Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0Vdc is applied to pin J1.28. The voltage measured at pin J1.25 should be less than 0.2Vdc with respect to ground.

From W2 P2-28 (UUT J1-28) From ID J2B-14F From ID A1P12.29	to W2 P1B-14F to ID A1J12.29 to ID P12-24 (S202-7)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From ID BUS 6 From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID R108.2 From ID A1J4.10	to ID AlJ8.50 to ID P10-138 (S301-54) to ID AlP7.26 to ID AlJ4.18 to ID R108.1 to ID AlP4.10 to GROUND
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1
From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19	to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19

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From ID A1P7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND

Step 422

Description:

This step applies -15.0Vdc to pin J1.17, 28.0Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0Vdc is applied to pins J1.28 and J1.24. The voltage measured at pin J1.25 should be greater than 14.5Vdc with respect to ground.

From W2 P2-24 (UUT J1-24) From ID J2B-8C From ID A1P12.25	to W2 P1B-8C to ID A1J12.25 to ID P12-89 (S202-5)
From W2 P2-28 (UUT J1-28) From ID J2B-14F From ID A1P12.29 From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1J12.29 to ID P12-24 (S202-7) to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1)
From ID BUS 6 From ID AlP8.50 From ID P10-9 (S301-53) From ID AlJ7.26 From ID AlP4.18 From ID R108.2 From ID AlJ4.10	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

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Step 423

Description:

This step applies -15.0Vdc to pin J1.17, 28.0Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0Vdc is applied to pins J1.28 and J1.24. The 28.0Vdc is removed from pin J1.24. The voltage measured at pin J1.25 should drop to less than 0.2Vdc with respect to ground 2 seconds after disconnecting J1.24 from 28.0Vdc.

Connection Path is as follows: See "UUT Power"

M2 D2 20 / M = T1 20\	L NO DID 140
From W2 P2-28 (UUT J1-28) From ID J2B-14F	to W2 P1B-14F to ID A1J12.29
From ID A1P12.29	to ID P12-24 (S202-7)
From 1D AIP12.29	to ID PI2-24 (S202-7)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID AlJ14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID A1J7.26	to ID A1J4.18
From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
From ID A1J4.10	to GROUND
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-18 (S509-3)	to ID A1P9.19
From ID A1J9.19	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID AlP15.49
From ID AlJ15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-IO)	to TD A1P15 50
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID AlJ15.50 From ID AlP7.38	to ID A1J7.38 to ID P10-130 (S301-23)
From ID A1J15.50	to ID A1J7.38 to ID P10-130 (S301-23)

Step 424

Description:

This step applies -15.0Vdc to pin J1.17, 28.0Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0Vdc is applied to pins J1.28 and J1.8. The voltage measured at

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pin J1.25 should be less than 0.2Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC" From W2 P2-8 (UUT J1-8) to W2 P1A-2B From ID J2A-2B to ID A1J14.31 From ID A1P14.31 to ID P13-30 (S202-41) From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 to ID BUS 2 From ID AlJ9.31 to ID BUS 2 From W2 P2-28 (UUT J1-28) to W2 P1B-14F from ID J2B-14F to ID A1J12.29 from ID A1P12.29 to ID P12-24 (S to ID P12-24 (S202-7) From W2 P2-25 (UUT J1-25) to W2 P1A-5D From ID J2A-5D to ID A1J14.47 to ID P13-32 (S202-49) From ID A1P14.47 From ID P12-59 (S202-1) to ID A1P12.38
From ID A1J12.38 to ID A1J10.10
From ID A1P10.10 to ID P11-177 (S509-1)
From ID P11-144 (S509-8) to ID A1P9.26
From ID A1J9.26 to ID BUS 6 From ID BUS 6 to ID A1J8.50
From ID A1P8.50 to ID P10-138 (S301-54)
From ID P10-9 (S301-53) to ID A1P7.26
From ID A1J7.26 to ID A1J4.18
From ID A1P4.18 to ID R108.1
From ID R108.2 to ID A1P4.10
From ID A1J4.10 to GROUND From ID P12-90 (S202-2) to ID A1P12.36
From ID A1J12.36 to ID A1J10.12
From ID A1P10.12 to ID P11-242 (S509-2)
From ID P11-18 (S509-3) to ID A1P9.19
From ID A1J9.19 to ID BUS 1 From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1 From ID P20-3 (DMM-LO) to ID A1P15.50 from ID A1J15.50 to ID A1J7.38 from ID A1P7.38 to ID P10-130 from ID P10-229 (S301-24) to ID A1P7.36 to ID P10-130 (S301-23)

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From ID A1J7.36

to GROUND

Step 425

Description:

This step applies -15.0Vdc to pin J1.17, 28.0Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0Vdc is applied to pins J1.28 and J1.8. The 28.0Vdc is removed from pin J1.8. The voltage measured at pin J1.25 should drop to less than 0.2Vdc with respect to ground 2 seconds after disconnecting J1.8 from 28.0Vdc.

From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1J10.48 to ID P11-52 (S510-1)
From W2 P2-28 (UUT J1-28) From ID J2B-14F From ID A1P12.29	to W2 P1B-14F to ID A1J12.29 to ID P12-24 (S202-7)
From W2 P2-25 (UUT J1-25) From ID J2A-5D From ID A1P14.47	to W2 P1A-5D to ID A1J14.47 to ID P13-32 (S202-49)
From ID P12-59 (S202-1) From ID A1J12.38 From ID A1P10.10 From ID P11-144 (S509-8) From ID A1J9.26	to ID A1P12.38 to ID A1J10.10 to ID P11-177 (S509-1) to ID A1P9.26 to ID BUS 6
From ID BUS 6 From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID R108.2 From ID A1J4.10	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1

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From ID P20-3 (DMM-LO) to ID A1P15.50 From ID A1J15.50 to ID A1J7.38 From ID A1P7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND

Step 426

Description:

This step applies -15.0Vdc to pin J1.17, 28.0Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0Vdc is applied to pins J1.28 and J1.22. The voltage measured at pin J1.25 should be between 6.5Vdc and 7.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From ID AlJ12.36

From W2 P2-28 (UUT J1-28)	to W2 P1B-14F
From ID J2B-14F	to ID A1J12.29
From ID A1P12.29	to ID P12-24 (S202-7)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID AlJ14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W2 P2-22 (UUT J1-22)	
From ID J2A-4F	to ID A1J14.46
From ID A1P14.46	to ID P13-95 (S202-43)
	to W2 P1A-5D
	to ID A1J14.47
From ID A1P14.47	to ID P13-32 (S202-49)
From ID P12-59 (S202-1)	
	to ID A1J10.10
	to ID P11-177 (S509-1)
From ID P11-144 (S509-8)	
From ID A1J9.26	to ID BUS 6
The TD DIG C	L. TD 3170 F0
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	
From ID A1J7.26	to ID A1J4.18
From ID A1P4.18 From ID R108.2	to ID R108.1 to ID A1P4.10
From ID A1J4.10	to GROUND
From ID P12-90 (S202-2)	to ID A1P12.36
LIOU ID EIG JO (DGOG-G)	CO ID WILIG.DO

to ID A1J10.12

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From ID A1P10.12 to ID P11-242 (S509-2) From ID AlP10.12 to ID P11-242
From ID P11-18 (S509-3) to ID AlP9.19 to ID BUS 1 From ID AlJ9.19 From ID P20-2 (DMM-HI) to ID A1P15.49 From ID A1P8.28 to ID A1J8.28 From ID A1015.49

From ID A1P8.28

to ID P10-203 (S503-1)

From ID P10-77 (S503-3)

to ID A1P6.13

to ID BUS 1 From ID AlJ6.13 to ID BUS 1 From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130
From ID P10-229 (S301-24) to ID A1P7.36
to GROUND to ID A1P15.50 to ID P10-130 (S301-23) From ID A1J7.36 to GROUND

Step 427

Description:

This step applies -15.0Vdc to pin J1.17, 28.0Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0Vdc is applied to pins J1.28 and J1.22. The 28.0Vdc is removed from pin J1.22. The voltage measured at pin J1.25 should drop to less than 0.2Vdc with respect to ground 2 seconds after disconnecting J1.22 from 28.0Vdc.

From W2 P2-28 (UUT J1-28) to W2 P1B-14F

From ID From ID	J2B-14F A1P12.29		A1J12.29 P12-24 (S202-7)
From ID From ID From ID	P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31	to ID to ID to ID	A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2
From ID	P2-25 (UUT J1-25) J2A-5D A1P14.47	to ID	P1A-5D A1J14.47 P13-32 (S202-49)
From ID From ID From ID	P12-59 (S202-1) A1J12.38 A1P10.10 P11-144 (S509-8) A1J9.26	to ID to ID to ID	A1P12.38 A1J10.10 P11-177 (S509-1) A1P9.26 BUS 6
From ID From ID	BUS 6 A1P8.50 P10-9 (S301-53) A1J7.26 A1P4.18	to ID to ID	A1J8.50 P10-138 (S301-54) A1P7.26 A1J4.18 R108.1

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From ID R108.2	to ID A1P4.10
From ID A1J4.10	to GROUND
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-18 (S509-3)	to ID A1P9.19
From ID A1J9.19	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 428

Description:

Connection Path is as follows:

This step applies -15.0Vdc to pin J1.17, 28.0Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0Vdc is applied to pins J1.49 and J1.24. The voltage measured at pin J1.58 should be less than 0.2Vdc with respect to ground.

See "UUT Power" See "APPLY IC" From W2 P2-49 (UUT J1-49) to W2 P1B-6A from ID J2B-6A to ID A1J12.21 From ID A1P12.21 to ID P12-61 (S202-21) From ID P13-93 (S202-3) to ID A1P14.49 From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1P9.31 From ID AlJ9.31 to ID BUS 2 From W2 P2-24 (UUT J1-24) to W2 P1B-8C From ID J2B-8C to ID A1J12.25 From ID A1P12.25 to ID P12-89 (S202-5) From W2 P2-58 (UUT J1-58) to W2 P1A-11E From ID J1A-11E to ID A1J15.17 From ID A1P15.17 to ID P13.13 (S701-49) From ID P12-76 (S701-1) to ID A1P12.50 From ID A1J12.50 to ID AlJ10.3

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From ID A1P10.3
From ID P11-164 (S506-3)
From ID P11-164 (S506-3)
From ID A1J9.23
From ID A1J9.23
From ID A20-2 (DMM-HI)
From ID A1J15.49
From ID A1P8.28
From ID A1P8.28
From ID P10-77 (S503-3)
From ID A1J6.13
From ID P20-3 (DMM-LO)
From ID A1J15.50
From ID A1J15.50
From ID A1J7.38
From ID A1P7.38
From ID P10-229 (S301-24)
From ID A1J7.36
From ID A1J7.36
From ID A1J7.36
From ID A1J7.36

Step 429

Description:

This step applies -15.0Vdc to pin J1.17, 28.0Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0Vdc is applied to pins J1.49, J1.24 and J1.1. The voltage measured at pin J1.58 should be greater than 14.5Vdc with respect to ground.

From W1	P2-4 (UUT J2-4)	tο	w1	P1B-13A
	J1B-13A			A1J13.2
_	A1P13.2			P12-47 (S201-6)
TIOM IL	AII IJ.Z	CO	דב	112 17 (5201 0)
From ID	P12-52 (S201-4)	to	ID	A1P12.44
	A1J12.44	t.o	TD	A1J10.4
_	A1P10.4			P11-71 (S507-2)
_	P11-72 (S507-4)			A1P9.27
	A1J9.27			BUS 2
TIOM IL	A10 9 . 2 /	CO	דב	D0D 2
From W2	P2-49 (UUT J1-49)	to	W2	P1B-6A
	J2B-6A			A1J12.21
From ID	A1P12.21			P12-61 (S202-21)
				111 01 (2101 11)
From ID	P13-93 (S202-3)	to	ID	A1P14.49
From ID	A1J14.49	to	ID	A1J10.48
From ID	A1P10.48	to	ID	P11-52 (S510-1)
From ID	P11-147 (S510-4)			A1P9.31
From ID	A1J9.31	to	ID	BUS 2
From W2	P2-24 (UUT J1-24)	to	W2	P1B-8C
From ID	J2B-8C	to	ID	A1J12.25
From ID	A1P12.25	to	ID	P12-89 (S202-5)
				,
From W2	P2-58 (UUT J1-58)	to	W2	P1A-11E
From ID	J1A-11E	to	ID	A1J15.17

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From ID A1P15.17	to ID P13.13 (S701-49)
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 430

Description:

This step applies $-15.0 \rm Vdc$ to pin J1.17, 28.0 Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0 Vdc is applied to pins J1.49, J1.24 and J1.1. The 28.0 Vdc is removed from pin J1.1. The voltage measured at pin J1.58 should be less than 0.2 Vdc with respect to ground.

From W2 P2-49 (UUT J1-49) From ID J2B-6A From ID A1P12.21	to W2 P1B-6A to ID A1J12.21 to ID P12-61 (S202-21)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W2 P2-24 (UUT J1-24) From ID J2B-8C From ID A1P12.25	to W2 P1B-8C to ID A1J12.25 to ID P12-89 (S202-5)
From W2 P2-58 (UUT J1-58) From ID J1A-11E From ID A1P15.17	to W2 P1A-11E to ID A1J15.17 to ID P13.13 (S701-49)
From ID P12-76 (S701-1) From ID A1J12.50	to ID A1P12.50 to ID A1J10.3

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From ID A1P10.3
From ID P11-164 (S506-3)
From ID A1J9.23
From ID A1J9.23

From ID P20-2 (DMM-HI)
From ID A1J15.49
From ID A1P8.28
From ID A1P8.28
From ID P10-77 (S503-3)
From ID A1J6.13
From ID P20-3 (DMM-LO)
From ID A1J15.50
From ID A1J15.50
From ID A1P7.38
From ID P10-229 (S301-24)
From ID A1J7.36
From ID A1J7.36
From ID A1J7.36
From ID A1J7.36

Step 431

Description:

Connection Path is as follows:

This step applies -15.0Vdc to pin J1.17, 28.0Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. The voltage measured at pin J1.39 should be greater than 27.0Vdc with respect to ground.

See "UUT Power" See "APPLY IC" From W2 P2-39 (UUT J1-39) to W2 P1A-5E From ID J2A-5E to ID A1J14.48 to ID P13-63 to ID A1J14.48 to ID P13-63 (S202-51) From ID P12-59 (S202-1) to ID A1P12.38
From ID A1J12.38 to ID A1J10.10
From ID A1P10.10 to ID P11-177 (S509-1)
From ID P11-207 (S509-7) to ID A1P9.36
From ID A1J9.36 to ID BUS 5 From ID A1J9.36 to ID BUS 5 From ID BUS 5 to ID A1J8.47
From ID A1P8.47 to ID P10-73 (S301-48)
From ID P10-7 (S301-47) to ID A1P7.23
From ID A1J7.23 to ID A1J4.15
From ID A1P4.15 to ID R111.1
From ID R111.2 to ID A1P4.9 From ID R111.2 From ID A1J4.9 to ID A1P4.9 to +28V From ID P12-59 (S202-1) to ID A1P12.38
From ID A1J12.38 to ID A1J10.10
From ID A1P10.10 to ID P11-177 (S509-1)
From ID P11-18 (S509-3) to ID A1P9.19
TO TO A1T0 10 to ID BUS 1 From ID A1J9.19 to ID BUS 1 From ID P20-2 (DMM-HI) to ID A1P15.49 From ID A1J15.49 to ID A1J8.28

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From ID A1P8.28

From ID P10-77 (S503-3)

From ID A1J6.13

From ID P20-3 (DMM-LO)

From ID A1J15.50

From ID A1P7.38

From ID P10-229 (S301-24)

From ID A1J7.36

From ID A1J7.36

to ID P10-203 (S503-1)

to ID A1P6.13

to ID BUS 1

to ID A1P15.50

to ID A1J7.38

to ID P10-130 (S301-23)

to ID A1P7.36

to GROUND

Step 432

Description:

This step applies -15.0Vdc to pin J1.17, 28.0Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0Vdc is applied to pin J1.23. The voltage measured at pin J1.39 should drop to less than 0.2Vdc with respect to ground 100 milliseconds after connecting J1.23 to 28.0Vdc.

From W2 P2-23 (UUT J1-23) From ID J2A-7B From ID A1P15.24	to W2 P1A-7B to ID A1J15.24 to ID P13-9 (S701-24)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-195 (S506-4) From ID A1J9.33	to ID A1J10.1 to ID P11-162 (S506-2)
From W2 P2-39 (UUT J1-39) From ID J2A-5E From ID A1P14.48	to W2 P1A-5E to ID A1J14.48 to ID P13-63 (S202-51)
	to ID A1J10.10 to ID P11-177 (S509-1)
From ID BUS 5 From ID A1P8.47 From ID P10-7 (S301-47) From ID A1J7.23 From ID A1P4.15 From ID R111.2 From ID A1J4.9	to ID A1J8.47 to ID P10-73 (S301-48) to ID A1P7.23 to ID A1J4.15 to ID R111.1 to ID A1P4.9 to +28V
From ID A1J12.38	to ID A1P12.38 to ID A1J10.10 to ID P11-177 (S509-1) to ID A1P9.19

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From ID AlJ9.19	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 433

Description:

Connection Path is as follows:

This step applies $-15.0 \rm Vdc$ to pin J1.17, 28.0 Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. The voltage measured at pin J1.37 should be greater than 27.5 Vdc with respect to ground.

See "UUT Power"	
See "APPLY IC"	
From W2 P2-38 (UUT J1-38)	to W2 P1A-1E
From ID J2A-1E	to ID A1J14.40
From ID A1P14.40	to ID P13-25 (S202-11)
From ID P12-59 (S202-1)	to ID A1P12.38
From ID A1J12.38	to ID A1J10.10
From ID A1P10.10	to ID P11-177 (S509-1)
From ID P11-146 (S509-10)	to ID A1P9.6
From ID A1J9.6	to ID BUS 8
From W2 P2-36 (UUT J1-36)	to W2 P1A-2E
From ID J2A-2E	to ID A1J14.39
From ID AlP14.39	to ID P13-56 (S202-9)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID AlJ10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From ID BUS 2	to ID A1J8.31
From ID A1P8.31	
From ID P10-141 (S301-70)	to ID P10-44 (S301-69) to ID A1P8.2
From ID A1J8.2	to ID Alph.2
From ID A100.2	to ID P1-10 (DC4-HI)
IIOM ID AIII.S	
From W2 P2-37 (UUT J1-37)	to W2 P1A-8A
From ID J2A-8A	to ID A1J15.22

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From ID A1P15.22	to ID P13-71 (S701-18)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-161 (S506-7) From ID A1J9.40	to ID A1J10.1 to ID P11-162 (S506-2)
From ID BUS 5 From ID A1P8.47 From ID P10-7 (S301-47) From ID A1J7.23 From ID A1P4.15 From ID R111.2 From ID A1J4.9	to ID A1J8.47 to ID P10-73 (S301-48) to ID A1P7.23 to ID A1J4.15 to ID R111.1 to ID A1P4.9 to +28V
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1J8.28 to ID P10-203 (S503-1)
From ID A1J15.50	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 434

Description:

This step applies -15.0Vdc to pin J1.17, 28.0Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0Vdc is applied to pin J1.42. The 28.0Vdc is removed from pin J1.42. The voltage measured at pin J1.37 should drop to less than 0.2Vdc with respect to ground for 15 seconds and then returns to a voltage greater than 27.5Vdc after connecting J1.42 to 28.0Vdc.

From W2	P2-42 (UUT J1-42)	to	W2	P1A-1C
From ID) J2A-1C	to	ID	A1J14.34
From ID	A1P14.34	to	ID	P13-58 (S202-17)
From ID	P13-93 (S202-3)	to	ID	A1P14.49
From ID	A1J14.49	to	ID	A1J10.48
From ID	A1P10.48	to	ID	P11-52 (S510-1)

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	P11-147 (S510-4) A1J9.31		0 A1P9.31 0 BUS 2
From ID	P2-36 (UUT J1-36) J2A-2E A1P14.39	to II	P1A-2E A1J14.39 P13-56 (S202-9)
From ID From ID From ID	A1J14.49 A1P10.48	to II to II to II	A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2
From ID From ID	A1P8.31	to II to II to II	A1J8.31 P10-44 (S301-69) A1P8.2 A1J1.3 P1-10 (DC4-HI)
From ID From ID From ID From ID From ID From ID	0 J2A-8A 0 A1P15.22 0 P12-44 (S701-2) 0 A1J12.48 0 A1P10.1	to III to III to III to III to III to III	P1A-8A A1J15.22 P13-71 (S701-18) A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.40 BUS 5
From ID From ID From ID From ID	BUS 5 A1P8.47 P10-7 (S301-47) A1J7.23 A1P4.15 R111.2 A1J4.9	to III to III to III	0 A1J8.47 0 P10-73 (S301-48) 0 A1P7.23 0 A1J4.15 0 R111.1 0 A1P4.9
From ID From ID From ID	P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23	to II to II to II	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1
From ID From ID From ID	P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13	to II to II to II	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
From ID From ID From ID	P20-3 (DMM-LO) A1J15.50 A1P7.38 P10-229 (S301-24) A1J7.36	to II	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36 ROUND

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Step 435

Description:

This step applies $-15.0 \rm Vdc$ to pin J1.17, 28.0 Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. The voltage measured at pinJ1.37 should be greater than 27.5 Vdc with respect to ground.

From W2 P2-36 (UUT J1-36)	to W2 P1A-2E
From ID J2A-2E	to ID A1J14.39
From ID A1P14.39	to ID P13-56 (S202-9)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From ID BUS 2	to ID A1J8.31
From ID A1P8.31	to ID P10-44 (S301-69)
From ID P10-141 (S301-70)	to ID A1P8.2
From ID A1J8.2	to ID A1J1.3
From ID A1P1.3	to ID P1-10 (DC4-HI)
From W2 P2-37 (UUT J1-37)	to W2 P1A-8A
From ID J2A-8A	to ID A1J15.22
From ID A1P15.22	to ID P13-71 (S701-18)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-161 (S506-7)	to ID A1P9.40
From ID A1J9.40	to ID BUS 5
From ID BUS 5	to ID A1J8.47
From ID A1P8.47	to ID P10-73 (S301-48)
From ID P10-7 (S301-47)	to ID A1P7.23
From ID A1J7.23	to ID A1J4.15
From ID A1P4.15	to ID R111.1
From ID R111.2	to ID A1P4.9
From ID A1J4.9	to +28V
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)

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From ID P10-77 (S503-3) to ID A1P6.13 from ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50 from ID A1J15.50 to ID A1J7.38 from ID A1P7.38 to ID P10-130 (S301-23) from ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 436

Description:

This step applies -15.0Vdc to pin J1.17, 28.0Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0Vdc is applied to pin J1.38. The voltage measured at pin J1.37 should be less than 0.2Vdc with respect to ground.

From ID	P2-38 (UUT J1-38) J2A-1E A1P14.40	to I	2 P1A-1E D A1J14.40 D P13-25 (S202-11)
From ID From ID From ID	A1J12.38	to I to I to I	D A1P12.38 D A1J10.10 D P11-177 (S509-1) D A1P9.6 D BUS 8
From ID	P2-36 (UUT J1-36) J2A-2E A1P14.39	to I	2 P1A-2E D A1J14.39 D P13-56 (S202-9)
From ID From ID From ID	A1J14.49	to I to I to I	D A1P14.49 D A1J10.48 D P11-52 (S510-1) D A1P9.31 D BUS 2
From ID	A1P8.31 P10-141 (S301-70) A1J8.2	to I to I to I	D A1J8.31 D P10-44 (S301-69) D A1P8.2 D A1J1.3 D P1-10 (DC4-HI)
From ID	P2-37 (UUT J1-37) J2A-8A A1P15.22	to I	2 P1A-8A D A1J15.22 D P13-71 (S701-18)
From ID From ID	P12-44 (S701-2) A1J12.48 A1P10.1 P11-161 (S506-7)	to I to I	D A1J10.1 D P11-162 (S506-2)

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From ID AlJ9.40	to ID BUS 5
From ID BUS 5 From ID A1P8.47 From ID P10-7 (S301-47) From ID A1J7.23 From ID A1P4.15 From ID R111.2 From ID A1J4.9	to ID A1J8.47 to ID P10-73 (S301-48) to ID A1P7.23 to ID A1J4.15 to ID R111.1 to ID A1P4.9 to +28V
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1J10.1 to ID P11-162 (S506-2)
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 437

Description:

This step applies $-15.0 \rm Vdc$ to pin J1.17, 28.0 Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. The voltage measured at pin J1.46 should be less than 0.2 Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From ID	P2-46 (UUT J1-46) J2A-8B A1P15.20	to	ID	P1A-8B A1J15.20 P13-46 (S701-48)
From ID From ID From ID	P12-44 (S701-2) A1J12.48 A1P10.1 P11-129 (S506-8) A1J9.30	to to to	ID ID ID	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.30 BUS 6
From ID	BUS 6 A1P8.50 P10-9 (S301-53) A1J7.26	to to	ID ID	A1J8.50 P10-138 (S301-54) A1P7.26 A1J4.18

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From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
From ID A1J4.10	to GROUND
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1	to ID A1J10.1 to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 438

Description:

This step applies $-15.0 \rm Vdc$ to pin J1.17, 28.0 Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0 Vdc is applied to pin J1.40. The voltage measured at pin J1.46 should be greater than 27.5 Vdc with respect to ground.

From W2 P2-40 (UUT J1-40)	to W2 P1B-13E
From ID J2B-13E	to ID A1J12.31
From ID A1P12.31	to ID P12-57 (S202-13)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W2 P2-46 (UUT J1-46)	to W2 P1A-8B
From ID J2A-8B	to ID A1J15.20
From ID A1P15.20	to ID P13-46 (S701-48)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.50

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From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID R108.2 From ID A1J4.10	to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 439

Description:

This step applies $-15.0 \rm Vdc$ to pin J1.17, 28.0 Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. The voltage measured at pin J1.46 should be less than 0.2 Vdc with respect to ground.

From W2 P2-46 (UUT J1-46)	to W2 P1A-8B
From ID J2A-8B	to ID A1J15.20
From ID A1P15.20	to ID P13-46 (S701-48)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID A1J7.26	to ID A1J4.18
From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
From ID AlJ4.10	to GROUND

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From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 440

Description:

This step applies -15.0Vdc to pin J1.17, 28.0Vdc to pins J1.69 and J1.70 all with respect to J2.11. Connect J1.51 to J2.11. 28.0Vdc is applied to pin J1.49. The voltage measured at pin J1.46 should be greater than 27.5Vdc with respect to ground.

From W2 P2-49 (UUT J1-49) From ID J2B-6A From ID A1P12.21	to W2 P1B-6A to ID A1J12.21 to ID P12-61 (S202-21)
From ID A1J14.49	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W2 P2-46 (UUT J1-46) From ID J2A-8B From ID A1P15.20	to W2 P1A-8B to ID A1J15.20 to ID P13-46 (S701-48)
	to ID A1J10.1 to ID P11-162 (S506-2)
	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1

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From ID R108.2	to ID AlP4.10
From ID A1J4.10	to GROUND
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

2.9 MODULE 5: Rate Command And Lamp Illumination

This module verifies the proper operation of the CDA Logic CCA's Rate Command Input and Outputs and Lamp Drivers.

Refer to 1.4 Reference Drawings when diagnosing connection paths.

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Step 501
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Description:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. -1.2 \pm 0.02Vdc is applied to J3.24. Pins J1.39 and J1.40 are shorted to ground. Measure the voltage at J3.24 and adjust to -1.2 \pm 0.02Vdc if needed.

```
Connection Path is as follows:
See "UUT Power"
See "APPLY IC"
From W1 P2-40 (UUT J2-40) to W1 P1A-1F
                  to ID A1J14.11
From ID J1A-1F
From ID A1P14.11
                               to ID P13-51 (S201-28)
From ID P12-80 (S201-2) to ID A1P12.40 From ID A1J12.40 to ID A1J10.8
From ID A1P10.8
                                to ID P11-139 (S508-2)
From ID P11-205 (S508-10) to ID A1P9.2
From ID A1J9.2
                                to ID BUS 8
From W1 P2-39 (UUT J2-39) to W1 P1A-1E
From ID J1A-1E
                                to ID A1J14.9
```

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From ID A1P14.9 from W1 P3-25 (UUT J3-25) from ID J1A-8E from ID A1P14.23 from ID A1P14.23 from ID P12-59 (S202-1) from ID A1J12.38 from ID A1P10.10 from ID P11-146 (S509-10) from ID A1J9.6 from ID A1J1.5 from ID A1J1.5 from ID A1P7.16 from ID P10-98 (S301-11) from ID P1-25 (DC9-HI) from ID A1J7.32 from ID A1J1.13 from ID A1J7.14 from ID A1P7.14 from ID A1P7.14)
From ID J1A-8E From ID A1P14.23 From ID P12-59 (S202-1) From ID A1J12.38 From ID A1J10.10 From ID A1P10.10 From ID P11-146 (S509-10) From ID A1J9.6 From ID P1-26 (DC9-LO) From ID A1J1.5 From ID A1P7.16 From ID P10-98 (S301-11) From ID P1-25 (DC9-HI) From ID P1-25 (DC9-HI) From ID A1J1.13 From ID A1J1.13)
From ID J1A-8E From ID A1P14.23 From ID P12-59 (S202-1) From ID A1J12.38 From ID A1J10.10 From ID A1P10.10 From ID P11-146 (S509-10) From ID A1J9.6 From ID P1-26 (DC9-LO) From ID A1J1.5 From ID A1P7.16 From ID P10-98 (S301-11) From ID P1-25 (DC9-HI) From ID P1-25 (DC9-HI) From ID A1J1.13 From ID A1J1.13)
From ID A1P14.23 to ID P13-91 (S202-35) From ID P12-59 (S202-1) to ID A1P12.38 From ID A1J12.38 to ID A1J10.10 From ID A1P10.10 to ID P11-177 (S509-1) From ID P11-146 (S509-10) to ID A1P9.6 From ID A1J9.6 to ID BUS 8 From ID P1-26 (DC9-LO) to ID A1P1.5 From ID A1J1.5 to ID A1J7.16 From ID A1P7.16 to ID P10-163 (S301-1) From ID P10-98 (S301-11) to ID A1P7.32 From ID A1J7.32 to GROUND From ID P1-25 (DC9-HI) to ID A1P1.13 From ID A1J1.13 to ID A1J7.14)
From ID P12-59 (S202-1) to ID A1P12.38 From ID A1J12.38 to ID A1J10.10 From ID A1P10.10 to ID P11-177 (S509-1) From ID P11-146 (S509-10) to ID A1P9.6 From ID A1J9.6 to ID BUS 8 From ID P1-26 (DC9-LO) to ID A1P1.5 From ID A1J1.5 to ID A1J7.16 From ID A1P7.16 to ID P10-163 (S301-1) From ID P10-98 (S301-11) to ID A1P7.32 From ID A1J7.32 to GROUND From ID P1-25 (DC9-HI) to ID A1P1.13 From ID A1J1.13 to ID A1J7.14)
From ID AlJ12.38 to ID AlJ10.10 From ID AlP10.10 to ID P11-177 (S509-1 From ID P11-146 (S509-10) to ID AlP9.6 From ID AlJ9.6 to ID BUS 8 From ID P1-26 (DC9-LO) to ID AlP1.5 From ID AlJ1.5 to ID AlJ7.16 From ID AlP7.16 to ID P10-163 (S301-1 From ID P10-98 (S301-11) to ID AlP7.32 From ID AlJ7.32 to GROUND From ID P1-25 (DC9-HI) to ID AlP1.13 From ID AlJ1.13 to ID AlJ7.14	
From ID AlP10.10 to ID P11-177 (S509-1 From ID P11-146 (S509-10) to ID AlP9.6 Trom ID AlJ9.6 to ID BUS 8 From ID P1-26 (DC9-LO) to ID AlP1.5 to ID AlJ7.16 to ID AlJ7.16 from ID AlJ1.5 to ID P10-163 (S301-1 From ID P10-98 (S301-11) to ID AlP7.32 from ID AlJ7.32 to GROUND From ID P1-25 (DC9-HI) to ID AlP1.13 from ID AlJ1.13	
From ID P11-146 (S509-10) to ID A1P9.6 From ID A1J9.6 to ID BUS 8 From ID P1-26 (DC9-LO) to ID A1P1.5 to ID A1J7.16 ID A1P7.16 to ID P10-163 (S301-1) From ID P10-98 (S301-11) to ID A1P7.32 From ID A1J7.32 to GROUND From ID P1-25 (DC9-HI) to ID A1P1.13 From ID A1J1.13	
From ID AlJ9.6 to ID BUS 8 From ID P1-26 (DC9-LO) to ID AlP1.5 From ID AlJ1.5 to ID AlJ7.16 From ID AlP7.16 to ID P10-163 (S301-1) From ID P10-98 (S301-11) to ID AlP7.32 From ID AlJ7.32 to GROUND From ID P1-25 (DC9-HI) to ID AlP1.13 From ID AlJ1.13 to ID AlJ7.14	2)
From ID P1-26 (DC9-LO) to ID A1P1.5 From ID A1J1.5 to ID A1J7.16 From ID A1P7.16 to ID P10-163 (S301-1 From ID P10-98 (S301-11) to ID A1P7.32 From ID A1J7.32 to GROUND From ID P1-25 (DC9-HI) to ID A1P1.13 From ID A1J1.13 to ID A1J7.14	2)
From ID AlJ1.5 to ID AlJ7.16 from ID AlP7.16 to ID P10-163 (S301-1 From ID P10-98 (S301-11) to ID AlP7.32 from ID AlJ7.32 to GROUND From ID P1-25 (DC9-HI) to ID AlP1.13 from ID AlJ1.13 to ID AlJ7.14	2)
From ID A1P7.16 to ID P10-163 (S301-1 From ID P10-98 (S301-11) to ID A1P7.32 to GROUND From ID P1-25 (DC9-HI) to ID A1P1.13 From ID A1J1.13 to ID A1J7.14	2)
From ID P10-98 (S301-11) to ID A1P7.32 from ID A1J7.32 to GROUND From ID P1-25 (DC9-HI) to ID A1P1.13 from ID A1J1.13 to ID A1J7.14	2)
From ID A1J7.32 to GROUND From ID P1-25 (DC9-HI) to ID A1P1.13 From ID A1J1.13 to ID A1J7.14	
From ID P1-25 (DC9-HI) to ID A1P1.13 From ID A1J1.13 to ID A1J7.14	
From ID AlJ1.13 to ID AlJ7.14	
From ID A1P7.14 to ID P10-197 (S301-2	
· · · · · · · · · · · · · · · · · · ·	9)
From ID P10-198 (S301-30) to ID A1P6.24	
From ID AlJ6.24 to ID BUS 7	
From W1 P3-24 (UUT J3-24) to W1 P1A-7F	
From ID J1A-7F to ID A1J14.22	
From ID A1P14.22 to ID P13-92 (S202-34)
From ID P12-90 (S202-2) to ID A1P12.36	
From ID AlJ12.36 to ID AlJ10.12	
From ID A1P10.12 to ID P11-242 (S509-2)
From ID P11-211 (S509-9) to ID A1P9.16	
From ID AlJ9.16 to ID BUS 7	
From W1 P3-24 (UUT J3-24) to W1 P1A-7F	
From ID J1A-7F to ID A1J14.22	
From ID A1P14.22 to ID P13-92 (S202-34)
From ID P12-90 (S202-2) to ID A1P12.36	
From ID AlJ12.36 to ID AlJ10.12	
From ID A1P10.12 to ID P11-242 (S509-2)
From ID P11-18 (S509-3) to ID A1P9.19	
From ID AlJ9.19 to ID BUS 1	
From ID P20-2 (DMM-HI) to ID A1P15.49	
From ID AlJ15.49 to ID AlJ8.28	
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13	
From ID AlJ6.13 to ID BUS 1	
From ID P20-3 (DMM-LO) to ID A1P15.50	
From ID A1J15.50 to ID A1J7.38	
From ID A1P7.38 to ID P10-130 (S301-2	3)
From ID P10-229 (S301-24) to ID A1P7.36	

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From ID A1J7.36

to GROUND

Step 502

Description:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. -1.2 +/-0.02Vdc is applied to J3.24. Pins J1.39 and J1.40 are shorted to ground. The voltage measured at pin J3.19 should be less than 0.5Vdc with respect to ground.

see	00.	r Power.			
From	W1	P2-40 (UUT J2-40)	to	W1	P1A-1F
From	ID	J1A-1F	to	ID	A1J14.11
From	ID	A1P14.11	to	ID	P13-51 (S201-28)
From	ID	P12-80 (S201-2)	to	ID	A1P12.40
From	ID	A1J12.40	to	ID	A1J10.8
From	ID	A1P10.8	to	ID	P11-139 (S508-2)
From	ID	P11-205 (S508-10)	to	ID	A1P9.2
From	ID	A1J9.2	to	ID	BUS 8
From	W1	P2-39 (UUT J2-39)	to	W1	P1A-1E
From	ID	J1A-1E	to	ID	A1J14.9
From	ID	A1P14.9	to	ID	P13-17 (S201-26)
From	W1	P3-25 (UUT J3-25)	to	W1	P1A-8E
From	ID	J1A-8E			A1J14.23
From	ID	A1P14.23	to	ID	P13-91 (S202-35)
From	ID	P12-59 (S202-1)	to	ID	A1P12.38
_		A1J12.38			A1J10.10
		A1P10.10			P11-177 (S509-1)
		P11-146 (S509-10)			A1P9.6
From	ID	A1J9.6	to	ID	BUS 8
From	ID	P1-26 (DC9-LO)			A1P1.5
_		A1J1.5			A1J7.16
		A1P7.16			P10-163 (S301-12)
					A1P7.32
From	ID	A1J7.32	to	GR	DUND
		P1-25 (DC9-HI)			A1P1.13
		A1J1.13			A1J7.14
		A1P7.14			P10-197 (S301-29)
		P10-198 (S301-30)			A1P6.24
From	ID	A1J6.24	to	ID	BUS 7
					P1A-7F
		A1P14.22			P13-92 (S202-34)
		P12-90 (S202-2)			A1P12.36
From	ID	A1J12.36	to	ID	A1J10.12

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From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-211 (S509-9)	to ID A1P9.16
From ID A1J9.16	to ID BUS 7
From W1 P3-19 (UUT J3-19)	to W1 P1B-9F
From ID J1B-9F	to ID A1J13.24
From ID A1P13.24	to ID P12-43 (S701-44)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 503

Description:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. -1.2 \pm -0.02Vdc is applied to J3.24. Pins J1.39 and J1.40 are shorted to ground. Decrease the voltage at J3.24 until voltage at J3.19 changes to a minimum of 13.0Vdc.

From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9 From W1 P3-25 (UUT J3-25) From ID J1A-8E	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26) to W1 P1A-8E to ID A1J14.23

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From	ID	A1P14.23	to	ID	P13-91 (S202-35)
From	TD	P12-59 (S202-1)	t 0	TD	A1P12.38	2
		A1J12.38			A1J10.10	
		A1P10.10				(S509-1)
		P11-146 (S509-10)				(3309-1)
		A1J9.6			BUS 8	
FLOIII	Iυ	A109.0	LO	דח	BUS 0	
From	ID	P1-26 (DC9-LO)	to	ID	A1P1.5	
From	ID	A1J1.5			A1J7.16	
		A1P7.16				(S301-12)
From	ID	P10-98 (S301-11)	to	ID	A1P7.32	
From	ID	A1J7.32	to	GRO	DUND	
From	ID	P1-25 (DC9-HI)	to	ID	A1P1.13	
From	ID	A1J1.13	to	ID	A1J7.14	
From	ID	A1P7.14	to	ID	P10-197	(S301-29)
		P10-198 (S301-30)				
					BUS 7	
		P3-24 (UUT J3-24)				
		J1A-7F			A1J14.22	
From	ID	A1P14.22	to	ID	P13-92 ((S202-34)
From	ID	,			A1P12.36	
					A1J10.12	
			to	ID	P11-242	(S509-2)
					A1P9.16	
From	ID	A1J9.16	to	ID	BUS 7	
From	W1	P3-19 (UUT J3-19)			P1B-9F	
From	ID	J1B-9F	to	ID	A1J13.24	<u>l</u>
From	ID	A1P13.24	to	ID	P12-43 (S701-44)
From	ID	P12-44 (S701-2)	to	ID	A1P12.48	3
From	ID	A1J12.48	to	ID	A1J10.1	
From	ID	A1P10.1	to	ID	P11-162	(S506-2)
From	ID	P11-164 (S506-3)			A1P9.23	
From	ID	A1J9.23	to	ID	BUS 1	
From	ID	P20-2 (DMM-HI)	to	ID	A1P15.49)
		A1J15.49			A1J8.28	
		A1P8.28				(S503-1)
		P10-77 (S503-3)			A1P6.13	7
		A1J6.13			BUS 1	
From	TD	P20-3 (DMM-LO)	to	TD	A1P15.50)
		A1J15.50			A1J7.38	.
		A1P7.38				(S301-23)
		P10-229 (S301-24)			A1P7.36	(2201 23)
		A1J7.36			OUND	
1 1 0 111	-1	1110 / 100		0111	, UIVID	

Step 504

Date: 04 March 2016

Description:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. -1.2 \pm 1.002Vdc is applied to J3.24. Pins J1.39 and J1.40 are shorted to ground. Decrease the voltage at J3.24 until voltage at J3.19 changes to a minimum of 13.0Vdc. The voltage measured at J3.24 shall be between -1.685Vdc and -1.485Vdc with respect to ground.

From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From W1 P3-25 (UUT J3-25) From ID J1A-8E From ID A1P14.23	to W1 P1A-8E to ID A1J14.23 to ID P13-91 (S202-35)
From ID P12-59 (S202-1) From ID A1J12.38 From ID A1P10.10 From ID P11-146 (S509-10) From ID A1J9.6	to ID A1P12.38 to ID A1J10.10 to ID P11-177 (S509-1) to ID A1P9.6 to ID BUS 8
From ID P1-26 (DC9-LO) From ID A1J1.5 From ID A1P7.16 From ID P10-98 (S301-11) From ID A1J7.32	to ID A1P1.5 to ID A1J7.16 to ID P10-163 (S301-12) to ID A1P7.32 to GROUND
From ID P1-25 (DC9-HI) From ID A1J1.13 From ID A1P7.14 From ID P10-198 (S301-30) From ID A1J6.24	to ID A1P1.13 to ID A1J7.14 to ID P10-197 (S301-29) to ID A1P6.24 to ID BUS 7
From W1 P3-24 (UUT J3-24) From ID J1A-7F From ID A1P14.22	to W1 P1A-7F to ID A1J14.22 to ID P13-92 (S202-34)
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2)

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From ID P11-211 (S509-9) From ID A1J9.16	to ID A1P9.16 to ID BUS 7
From W1 P3-24 (UUT J3-24) From ID J1A-7F From ID A1P14.22	to W1 P1A-7F to ID A1J14.22 to ID P13-92 (S202-34)
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 505

Description:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. -1.2 +/-0.02Vdc is applied to J3.24. Pins J1.39 and J1.40 are shorted to ground. Increase the voltage at J3.24 until voltage at J3.19 changes to a minimum of 13.0Vdc.

From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From W1 P3-25 (UUT J3-25) From ID J1A-8E From ID A1P14.23	to W1 P1A-8E to ID A1J14.23 to ID P13-91 (S202-35)

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From	ID	P12-59 (S202-1)	to	ID	A1P12.38
From	ID	A1J12.38	to	ID	A1J10.10
From	ID	A1P10.10	to	ID	P11-177 (S509-1)
From	ID	P11-146 (S509-10)	to	ID	A1P9.6
		A1J9.6	to	ID	BUS 8
From	ID	P1-26 (DC9-LO)	to	ID	A1P1.5
From	ID	A1J1.5	to	ID	A1J7.16
From	ID	A1P7.16	to	ID	P10-163 (S301-12)
From	ID	P10-98 (S301-11)	to	ID	A1P7.32
${\tt From}$	ID	A1J7.32	to	GRO	DUND
		P1-25 (DC9-HI)			A1P1.13
_		A1J1.13			A1J7.14
_		A1P7.14			P10-197 (S301-29)
					A1P6.24
From	ID	A1J6.24	to	ID	BUS 7
_					_4_ =_
		P3-24 (UUT J3-24)			P1A-7F
		J1A-7F			A1J14.22
F'rom	TD	A1P14.22	to	TD	P13-92 (S202-34)
From	TD	P12-90 (S202-2)	t o	TD	A1P12.36
		A1J12.36			A1J10.12
		A1P10.12			P11-242 (S509-2)
		P11-211 (S509-9)			A1P9.16
		A1J9.16			BUS 7
TIOIII	דט	A107.10	CO	ΙD	B05 7
From	W1	P3-19 (UUT J3-19)	to	W1	P1B-9F
		J1B-9F	to	ID	A1J13.24
From	ID	A1P13.24	to	ID	P12-43 (S701-44)
		P12-44 (S701-2)	to	ID	A1P12.48
${\tt From}$	ID	A1J12.48			A1J10.1
		A1P10.1	to	ID	P11-162 (S506-2)
		P11-164 (S506-3)	to	ID	A1P9.23
From	ID	A1J9.23	to	ID	BUS 1
П	TD	DOO O (DMM III)		TD	71D1E 40
		P20-2 (DMM-HI) A1J15.49			A1P15.49
		A1015.49 A1P8.28			A1J8.28
					P10-203 (S503-1)
		P10-77 (S503-3)			A1P6.13
From	TD	A1J6.13	to	TD	BUS 1
From	ID	P20-3 (DMM-LO)	to	ID	A1P15.50
		AlJ15.50			A1J7.38
		A1P7.38			P10-130 (S301-23)
		P10-229 (S301-24)			A1P7.36
		AlJ7.36			DUND
0					-

Step 506

Description:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. -1.2 \pm 1.0.02Vdc is applied to J3.24. Pins J1.39 and J1.40 are shorted to ground. Increase the voltage at J3.24 until voltage at J3.19 changes to a minimum of 13.0Vdc. The voltage measured at J3.24 shall be between -1.562Vdc and -1.362Vdc with respect to ground.

566 001 10 10 1	
From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
	to ID AlJ14.11
From ID A1P14.11	to ID P13-51 (S201-28)
	00 12 110 01 (2101 10)
From ID P12-80 (S201-2)	to ID A1P12.40
	to ID A1J10.8
	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	
From ID AlJ9.2	to ID BUS 8
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From W1 P3-25 (UUT J3-25)	to W1 P1A-8E
From ID J1A-8E	to ID A1J14.23
From ID A1P14.23	to ID P13-91 (S202-35)
From ID P12-59 (S202-1)	to ID A1P12.38
From ID A1J12.38	to ID A1J10.10
From ID A1P10.10	to ID P11-177 (S509-1)
From ID P11-146 (S509-10)	to ID A1P9.6
From ID A1J9.6	to ID BUS 8
From ID P1-26 (DC9-LO)	to ID A1P1.5
From ID A1J1.5	to ID A1J7.16
From ID A1P7.16	to ID P10-163 (S301-12)
From ID P10-98 (S301-11)	to ID A1P7.32
From ID A1J7.32	to GROUND
From ID P1-25 (DC9-HI)	to ID A1P1.13
From ID A1J1.13	to ID A1J7.14
From ID A1P7.14	to ID P10-197 (S301-29)
From ID P10-198 (S301-30)	to ID A1P6.24
From ID A1J6.24	to ID BUS 7
From W1 P3-24 (UUT J3-24)	to W1 P1A-7F
From ID J1A-7F	to ID A1J14.22
From ID A1P14.22	to ID P13-92 (S202-34)
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-211 (S509-9)	to ID A1P9.16

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From ID AlJ9.16	to ID BUS 7
From W1 P3-24 (UUT J3-24)	to W1 P1A-7F
From ID J1A-7F	to ID A1J14.22
From ID A1P14.22	to ID P13-92 (S202-34)
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-18 (S509-3)	to ID A1P9.19
From ID A1J9.19	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 507

Description:

The difference between the voltage measured in step 506 (J3_24_TWO) and step 504 (J3_24_ONE) shall be between 0.083Vdc and 0.163Vdc.

Connection Path is as follows: See "UUT Power"

From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)

Step 508

Description:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. 0.0Vdc is applied to J3.24. Pins J1.39, J3.22 and J3.25 are shorted to

ground. The output measured at pin J3.19 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC" From W1 P2-39 (UUT J2-39) to W1 P1A-1E From ID J1A-1E to ID A1J14.9 From ID A1P14.9 to ID P13-17 (S201-26) From ID P12-80 (S201-2) to ID A1P12.40 to ID A1J10.8 From ID A1P10.8 to ID P11-139 (S508-2) From ID P11-205 (S508-10) to ID A1P9.2 to ID BUS 8 From W1 P3-22 (UUT J3-22) to W1 P1A-3E From ID J1A-3E to ID A1J14.13 From ID A1P14.13 to ID P13-19 (S201-34) From W1 P3-25 (UUT J3-25) to W1 P1A-8E From ID J1A-8E to ID A1J14.23 From ID A1P14.23 to ID P13-91 (S202-35) From ID P12-59 (S202-1) to ID A1P12.38
From ID A1J12.38 to ID A1J10.10
From ID A1P10.10 to ID P11-177 (S509-1)
From ID P11-146 (S509-10) to ID A1P9.6
From ID A1J9.6 From ID A1J9.6 to ID BUS 8 From ID P1-26 (DC9-LO) to ID A1P1.5
From ID A1J1.5 to ID A1J7.16
From ID A1P7.16 to ID P10-163 (S301-12)
From ID P10-98 (S301-11) to ID A1P7.32
From ID A1J7.32 to GROUND From ID A1J7.32 From ID P1-25 (DC9-HI) to ID A1P1.13 to ID A1J7.14 From ID A1P1.13 to ID P10-197 (S301-29) From ID P10-198 (S301-30) to ID A1P6.24 to ID BUS 7 From ID A1J6.24 From W1 P3-24 (UUT J3-24) to W1 P1A-7F From ID J1A-7F From ID A1P14.22 to ID A1J14.22 to ID P13-92 (S202-34) From ID P12-90 (S202-2) to ID A1P12.36
From ID A1J12.36 to ID A1J10.12
From ID A1P10.12 to ID P11-242 (S509-2)
From ID P11-211 (S509-9) to ID A1P9.16
From ID A1J9.16 to ID BUS 7 to ID BUS 7 From W1 P3-19 (UUT J3-19) to W1 P1B-9F

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From ID J1B-9F From ID A1P13.24	to ID A1J13.24 to ID P12-43 (S701-44)
From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 509

Description:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. +1.2 +/-0.02Vdc is applied to J3.24. Pins J1.39, J3.22 and J3.25 are shorted to ground. Measure the voltage at J3.24 and adjust to +1.2 +/-0.02Vdc if needed.

From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P3-25 (UUT J3-25) From ID J1A-8E From ID A1P14.23	to W1 P1A-8E to ID A1J14.23 to ID P13-91 (S202-35)
From ID P12-59 (S202-1) From ID A1J12.38 From ID A1P10.10	to ID A1P12.38 to ID A1J10.10 to ID P11-177 (S509-1)

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From ID P11-146 (S509-10)	to ID A1P9.6
From ID A1J9.6	to ID BUS 8
From ID P1-26 (DC9-LO)	to ID A1P1.5
	to ID A1J7.16
	to ID P10-163 (S301-12)
From ID P10-98 (S301-11)	to ID A1P7.32
From ID A1J7.32	to GROUND
From ID P1-25 (DC9-HI)	to ID AlP1.13
From ID A1J1.13	to ID A1J7.14
From ID A1P7.14	to ID P10-197 (S301-29)
From ID P10-198 (S301-30)	to ID A1P6.24
From ID A1J6.24	to ID BUS 7
From W1 P3-24 (UUT J3-24)	to W1 P1A-7F
From ID J1A-7F	to ID A1J14.22
From ID A1P14.22	to ID P13-92 (S202-34)
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-211 (S509-9)	to ID A1P9.16
From ID A1J9.16	to ID BUS 7
From W1 P3-24 (UUT J3-24)	to W1 P1A-7F
From ID J1A-7F	to ID A1J14.22
From ID AlP14.22	to ID P13-92 (S202-34)
From ID P12-90 (S202-2)	to ID A1P12.36
From ID AlJ12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-18 (S509-3)	to ID A1P9.19
From ID A1J9.19	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID AlJ15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 510

Description:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. +1.2 +/-0.02Vdc is applied to J3.24. Pins J1.39, J3.22 and J3.25 are shorted to ground. The voltage measured at pin J3.19 should be less

than 0.5Vdc with respect to ground.

From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	
From ID AlJ9.2	to ID BUS 8
110 12 11107.1	00 12 200 0
From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
110111 12 11111111	00 12 113 17 (2201 31)
From W1 P3-25 (UUT J3-25)	to W1 P1A-8E
From ID J1A-8E	to ID A1J14.23
From ID A1P14.23	to ID P13-91 (S202-35)
TIOM ID AITI1.23	CO 1D 113 91 (BZ0Z 33)
From ID P12-59 (S202-1)	to ID A1D12 38
From ID A1J12.38	to ID A1J10.10
From ID A1P10.10	to ID P11-177 (S509-1)
From ID P11-146 (S509-10)	
From ID A1J9.6	to ID BUS 8
FIOR ID A109.0	CO 1D BOS 6
From ID P1-26 (DC9-LO)	to ID A1P1.5
From ID AlJ1.5	to ID A1J7.16
From ID A107.16	to ID P10-163 (S301-12)
From ID P10-98 (S301-11)	to ID A1P7.32
From ID A1J7.32	to GROUND
FIOR ID AIO 7.52	CO GROUND
From ID P1-25 (DC9-HI)	to ID AlP1.13
From ID AlJ1.13	to ID A1J7.14
From ID A101.13	to ID P10-197 (S301-29)
From ID P10-198 (S301-30)	to ID A1P6.24
From ID A1J6.24	to ID BUS 7
FIOR ID ALUU.24	CO 1D BOS /
From W1 P3-24 (UUT J3-24)	to W1 P1A-7F
	to ID A1J14.22
From ID J1A-7F From ID A1P14.22	
FION ID AIP14.22	to ID P13-92 (S202-34)
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	
From ID A1012.36 From ID A1P10.12	to ID A1J10.12
	to ID P11-242 (S509-2)
From ID P11-211 (S509-9)	to ID A1P9.16
From ID A1J9.16	to ID BUS 7
Eron W1 D2 10 (IIIIII T2 10)	+o W1 D1D OF
From W1 P3-19 (UUT J3-19)	to W1 P1B-9F
From ID J1B-9F	to ID A1J13.24
From ID A1P13.24	to ID P12-43 (S701-44)

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From ID P12-44 (S701-2) From ID A1J12.48 From ID A1P10.1 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.48 to ID A1J10.1 to ID P11-162 (S506-2) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 511

Description:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. \pm 1.2 +/-0.02Vdc is applied to J3.24. Pins J1.39, J3.22 and J3.25 are shorted to ground. Increase the voltage at J3.24 until voltage at J3.19 changes to a minimum of 13.0Vdc with respect to ground.

From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P3-25 (UUT J3-25) From ID J1A-8E From ID A1P14.23	to W1 P1A-8E to ID A1J14.23 to ID P13-91 (S202-35)
From ID P12-59 (S202-1) From ID A1J12.38 From ID A1P10.10	to ID A1P12.38 to ID A1J10.10 to ID P11-177 (S509-1)

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From ID P11-146 (S509-10)	
From ID A1J9.6	to ID BUS 8
From ID P1-26 (DC9-LO)	to ID A1P1.5
From ID A1J1.5	to ID A1J7.16
	to ID P10-163 (S301-12)
From ID P10-98 (S301-11)	to ID A1P7.32
From ID A1J7.32	to GROUND
From ID P1-25 (DC9-HI)	to ID AlP1.13
From ID AlJ1.13	to ID A1J7.14
From ID A1P7.14	to ID P10-197 (S301-29)
From ID P10-198 (S301-30)	to ID A1P6.24
From ID A1J6.24	to ID BUS 7
From W1 P3-24 (UUT J3-24)	to W1 P1A-7F
From ID J1A-7F	to ID A1J14.22
From ID A1P14.22	to ID P13-92 (S202-34)
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-211 (S509-9)	to ID A1P9.16
From ID A1J9.16	to ID BUS 7
From W1 P3-19 (UUT J3-19)	
From ID J1B-9F	to ID A1J13.24
From ID A1P13.24	to ID P12-43 (S701-44)
From ID P12-44 (S701-2)	to ID AlP12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID AlP15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 512

Description:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect to J2.11. +1.2 +/-0.02Vdc is applied to J3.24. Pins J1.39 J1.40, and J3.25 are shorted to ground. Increase the voltage at J3.24 until voltage at

J3.19 changes to a minimum of 13.0Vdc. The voltage measured at J3.24 shall be between 1.485Vdc and 1.685Vdc with respect to ground.

From W	71 P2-39 (UUT J2-39)	to W	1 P1A-1E
			D A1J14.9
From I	D A1P14.9	to I	D P13-17 (S201-26)
			D A1P12.40
	D A1J12.40		D A1J10.8
			D P11-139 (S508-2)
			D A1P9.2
From I	D A1J9.2	to I	D BUS 8
Eron W	J1 P3-22 (UUT J3-22)	+ 0 M	1 P1A-3E
	TD J1A-3E		D A1J14.13
	D A1P14.13		D P13-19 (S201-34)
riom i	D AIF11.13	CO I	D F13 17 (5201 54)
From W	71 P3-25 (UUT J3-25)	to W	1 P1A-8E
From I	D J1A-8E	to I	D A1J14.23
From I	ID A1P14.23	to I	D P13-91 (S202-35)
	D P12-59 (S202-1)		
	D A1J12.38		D A1J10.10
	D A1P10.10		D P11-177 (S509-1)
			D A1P9.6
From 1	D A1J9.6	to I	D BUS 8
From I	D P1-26 (DC9-LO)	to I	D A1P1.5
	D AlJ1.5		D A1J7.16
From I	D A1P7.16	to I	D P10-163 (S301-12)
From I	D P10-98 (S301-11)	to I	D A1P7.32
From I	D A1J7.32	to G	ROUND
T T	D P1-25 (DC9-HI)	L - T	מו ותוג ת
	D A1J1.13		D A171.13 D A1J7.14
	D A101.13		D P10-197 (S301-29)
	ID P10-198 (S301-30)		The state of the s
	D A1J6.24		D BUS 7
IIOIII I	.D A100.21	CO 1	D D00 7
From W	71 P3-24 (UUT J3-24)	to W	1 P1A-7F
From I	D J1A-7F		D A1J14.22
From I	D A1P14.22	to I	D P13-92 (S202-34)
Erom T	D P12-90 (S202-2)	+ o T	D A1P12.36
	D A1J12.36		D A1J10.12
	D A1910.12		D P11-242 (S509-2)
	D P11-211 (S509-9)		D A1P9.16
	D A1J9.16		D BUS 7
From W	71 P3-24 (UUT J3-24)	to W	1 P1A-7F
From I	D J1A-7F	to I	D A1J14.22

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From ID A1P14.22	to ID P13-92 (S202-34)
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-18 (S509-3)	to ID A1P9.19
From ID A1J9.19	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 513

Description:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. Decrease the voltage at J3.24 until voltage at J3.19 changes to less than 0.5Vdc with respect to ground.

From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P3-25 (UUT J3-25) From ID J1A-8E From ID A1P14.23	to W1 P1A-8E to ID A1J14.23 to ID P13-91 (S202-35)
From ID P12-59 (S202-1) From ID A1J12.38 From ID A1P10.10 From ID P11-146 (S509-10)	to ID A1P12.38 to ID A1J10.10 to ID P11-177 (S509-1) to ID A1P9.6

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From ID AlJ9.6	to ID BUS 8
From ID P1-26 (DC9-LO)	to ID A1P1 5
	to ID A1J7.16
	to ID P10-163 (S301-12)
From ID P10-98 (S301-11)	
From ID A1J7.32	to GROUND
From ID P1-25 (DC9-HI)	to ID AlP1.13
From ID A1J1.13	to ID A1J7.14
From ID A1P7.14	to ID P10-197 (S301-29)
From ID P10-198 (S301-30)	to ID A1P6.24
From ID A1J6.24	to ID BUS 7
From W1 P3-24 (UUT J3-24)	to W1 P1A-7F
From ID J1A-7F	to ID A1J14.22
From ID A1P14.22	to ID P13-92 (S202-34)
From ID P12-90 (S202-2)	to ID A1P12.36
From ID AlJ12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-211 (S509-9)	to ID A1P9.16
From ID A1J9.16	to ID BUS 7
From W1 P3-19 (UUT J3-19)	to W1 P1B-9F
From ID J1B-9F	
	to ID A1J13.24
From ID AlP13.24	to ID P12-43 (S701-44)
From ID P12-44 (S701-2)	to ID A1P12.48
From ID A1J12.48	to ID A1J10.1
From ID A1P10.1	to ID P11-162 (S506-2)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID AlJ15.49	to ID A1J8.28
From ID A198.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 514

Description:

This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11. Decrease the voltage at J3.24 until voltage at J3.19 changes to a minimum of 13.0Vdc. The voltage measured at J3.24 shall be between 1.362Vdc and 1.562Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"	
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
110 15 111111.	00 12 113 1, (8201 20)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
From W1 P3-25 (UUT J3-25)	to W1 P1A-8E
From ID J1A-8E	to ID A1J14.23
From ID A1P14.23	to ID P13-91 (S202-35)
From ID P12-59 (S202-1)	to ID A1P12.38
From ID A1J12.38	to ID A1J10.10
From ID A1P10.10	to ID P11-177 (S509-1)
From ID P11-146 (S509-10)	to ID A1P9.6
From ID A1J9.6	to ID BUS 8
From ID P1-26 (DC9-LO)	to ID A1P1.5
From ID AlJ1.5	to ID A1J7.16
From ID A1P7.16	to ID P10-163 (S301-12)
From ID P10-98 (S301-11)	to ID A1P7.32
From ID A1J7.32	to GROUND
From ID P1-25 (DC9-HI)	to ID AlP1.13
From ID AlJ1.13	to ID A1J7.14
From ID A1P7.14	to ID P10-197 (S301-29)
From ID P10-198 (S301-30)	to ID A1P6.24
From ID AlJ6.24	to ID BUS 7
From W1 P3-24 (UUT J3-24)	to W1 P1A-7F
From ID J1A-7F	to ID A1J14.22
From ID A1P14.22	to ID P13-92 (S202-34)
From ID P12-90 (S202-2)	to ID A1P12.36
•	to ID A1J10.12
From ID A1J12.36 From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-211 (S509-9) From ID A1J9.16	to ID Alp9.16
LION IN AIDA'ID	to ID BUS 7
From W1 P3-24 (UUT J3-24)	to W1 P1A-7F
From ID J1A-7F	to ID A1J14.22
From ID A1P14.22	to ID P13-92 (S202-34)
From ID P12-90 (S202-2)	to ID A1P12.36

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From ID A1J12.36 to ID A1J10.12
From ID A1P10.12 to ID P11-242 (S509-2)
From ID P11-18 (S509-3) to ID A1P9.19
From ID A1J9.19 to ID BUS 1

From ID P20-2 (DMM-HI) to ID A1J15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 515

Description:

The difference between the voltage measured in step $514(J3_24_TWO)$ and step $512~(J3_24_ONE)$ shall be between 0.083Vdc and 0.163Vdc.

From W1	P2-39 (UUT J2-39)	to	W1	P1A-1E
From ID	J1A-1E	to	ID	A1J14.9
From ID	A1P14.9	to	ID	P13-17 (S201-26)
	P12-80 (S201-2)	to	ID	A1P12.40
From ID	A1J12.40	to	ID	A1J10.8
-				P11-139 (S508-2)
From ID	P11-205 (S508-10)	to	ID	A1P9.2
From ID	A1J9.2	to	ID	BUS 8
From W1	P3-22 (UUT J3-22)	to	W1	P1A-3E
From ID	J1A-3E	to	ID	A1J14.13
From ID	A1P14.13	to	ID	P13-19 (S201-34)
From W1	P3-25 (UUT J3-25)	to	W1	P1A-8E
From ID	J1A-8E	to	ID	A1J14.23
From ID	A1P14.23	to	ID	P13-91 (S202-35)
From ID	P12-59 (S202-1)	to	ID	A1P12.38
From ID	A1J12.38	to	ID	A1J10.10
-	A1P10.10			P11-177 (S509-1)
From ID	P11-146 (S509-10)	to	ID	A1P9.6
From ID	A1J9.6	to	ID	BUS 8
From ID	P1-26 (DC9-LO)	to	ID	A1P1.5
From ID	A1J1.5	to	ID	A1J7.16
From ID	A1P7.16	to	ID	P10-163 (S301-12)

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From ID P10-98 (S301-11) From ID A1J7.32	to ID A1P7.32 to GROUND
From ID P1-25 (DC9-HI) From ID A1J1.13 From ID A1P7.14 From ID P10-198 (S301-30) From ID A1J6.24	to ID A1P1.13 to ID A1J7.14 to ID P10-197 (S301-29) to ID A1P6.24 to ID BUS 7
From W1 P3-24 (UUT J3-24) From ID J1A-7F From ID A1P14.22	to W1 P1A-7F to ID A1J14.22 to ID P13-92 (S202-34)
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-211 (S509-9) From ID A1J9.16	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.16 to ID BUS 7
From W1 P3-24 (UUT J3-24) From ID J1A-7F From ID A1P14.22	to W1 P1A-7F to ID A1J14.22 to ID P13-92 (S202-34)
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 516

Description:

This step applies 15.0 Vdc to pin J3.30, and -15.0 Vdc to pin J3.29 with respect to J3.10. 28.0 Vdc is applied to pin J2.32 with respect to J2.11. 28.0 Vdc is applied to pins J1.5 and J1.3. The voltage at J1.63 should be greater than 27.7 volts.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From W2 P2-5 (UUT J1-5) to W2 P1B-6F

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From	ID J2B-6F	to	ID	A1J12.47
	ID A1P12.47	to	ID	P12-94 (S202-39)
	ID P13-93 (S202-3)	to	ID	A1P14.49
From :	ID A1J14.49	to	ID	A1J10.48
From	ID A1P10.48	to	ID	P11-52 (S510-1)
From :	ID P11-147 (S510-4)	to	ID	A1P9.31
From :	ID A1J9.31	to	ID	BUS 2
D 1			T-T O	D1D 0D
	W2 P2-3 (UUT J1-3)			P1B-8F
	ID J2B-8F			A1J12.43
From .	ID A1P12.43	to	TD	P12-64 (S202-37)
From N	W2 P2-63 (UUT J1-63)	to	W2	P1B-5F
From	ID J2B-5F	to	ID	A1J12.49
From :	ID A1P12.49	to	ID	P12-30 (S202-40)
Exom	ID P12-90 (S202-2)	+ 0	TD	A1P12.36
	ID P12-90 (5202-2) ID A1J12.36			A1J10.12
	ID A1012.30 ID A1P10.12			
				P11-242 (S509-2) A1P9.26
	ID P11-144 (S509-8)			
From .	ID A1J9.26	LO	עד	BUS 6
From	ID BUS 6	to	ID	A1J8.50
From :	ID A1P8.50	to	ID	P10-138 (S301-54)
From :	ID P10-9 (S301-53)	to	ID	A1P7.26
From	ID A1J7.26	to	ID	A1J4.18
From :	ID A1P4.18	to	ID	R108.1
From :	ID R108.2	to	ID	A1P4.10
From :	ID A1J4.10	to	GRO	DUND
From	ID P12-90 (S202-2)	t o	TD	A1P12.36
	ID A1J12.36			A1J10.12
_	ID A1012.30 ID A1P10.12			P11-242 (S509-2)
	ID P11-18 (S509-3)			A1P9.19
	ID A1J9.19			BUS 1
riom .	ID A107.17	CO	דע	D05 1
	ID P20-2 (DMM-HI)			A1P15.49
From :	ID A1J15.49	to	ID	A1J8.28
	ID A1P8.28			P10-203 (S503-1)
	ID P10-77 (S503-3)	to	ID	A1P6.13
From :	ID A1J6.13	to	ID	BUS 1
From	ID P20-3 (DMM-LO)	t.o	ΙD	A1P15.50
	ID A1J15.50			A1J7.38
	ID A1013.38			P10-130 (S301-23)
	ID P10-229 (S301-24)			A1P7.36
	ID A1J7.36			DUND
	000			

Step 517

Description:

This step applies 15.0 Vdc to pin J3.30, and -15.0 Vdc to pin J3.29 with respect to J3.10. 28.0 Vdc is applied to pin J2.32 with

respect to J2.11. 28.0Vdc is applied to pins J1.5 and J1.3. The voltage at J1.2 should be less than 0.9 volts.

From W2 P2-5 (UUT J1-5)	to W2 P1B-6F
From ID J2B-6F	to ID A1J12.47
From ID A1P12.47	to ID P12-94 (S202-39)
Error ID D12 02 (C202 2)	to ID A1P14.49
From ID P13-93 (S202-3) From ID A1J14.49	
	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID Alp9.31
From ID A1J9.31	to ID BUS 2
From W2 P2-3 (UUT J1-3)	to W2 P1B-8F
From ID J2B-8F	to ID A1J12.43
From ID A1P12.43	to ID P12-64 (S202-37)
	,
From W2 P2-2 (UUT J1-2)	to W2 P1A-6B
From ID J2A-6B	to ID A1J15.26
From ID A1P15.26	to ID P13-73 (S701-25)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
FIOM ID A109.30	CO 1D DOS 0
From ID BUS 6	to ID A1J8.48
From ID A1P8.48	to ID P10-171 (S301-50)
From ID P10-42 (S301-49)	to ID A1P7.24
From ID A1J7.24	to ID A1J4.16
From ID A1P4.16	to ID R109.1
From ID R109.2	to ID A1P4.9
From ID A1J4.9	to +28V
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID AlJ10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
FIOM ID A109.23	CO 1D BOS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1915.50
From ID A1015.50	to ID P10-130 (S301-23)
	CO TD RIO-TOO (DOUT-70)
From ID P10-229 (S301-24)	to ID A1P7.36

Date: 04 March 2016

From ID A1J7.36

to GROUND

Step 518

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J1.5 and J1.3. The voltage at J1.4 should be less than 0.7 volts.

From W2 P2-5 (UUT J1-5) From ID J2B-6F From ID A1P12.47	to W2 P1B-6F to ID A1J12.47 to ID P12-94 (S202-39)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W2 P2-3 (UUT J1-3) From ID J2B-8F From ID A1P12.43	to W2 P1B-8F to ID A1J12.43 to ID P12-64 (S202-37)
From W2 P2-4 (UUT J1-4) From ID J2B-9B From ID A1P13.29	to W2 P1B-9B to ID A1J13.29 to ID P12-8 (S701-27)
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.30 to ID BUS 6
From ID BUS 6 From ID A1P8.48 From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16 From ID R109.2 From ID A1J4.9	to ID A1J8.48 to ID P10-171 (S301-50) to ID A1P7.24 to ID A1J4.16 to ID R109.1 to ID A1P4.9 to +28V
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1)

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From ID P10-77 (S503-3) to ID A1P6.13 from ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50 from ID A1J15.50 to ID A1J7.38 from ID A1P7.38 to ID P10-130 (S301-23) from ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 519

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J1.5, J1.3 and J1.49. The voltage at J1.63 should be greater than 27.7 volts.

From W2 P2-49 (UUT J1-49) From ID J2B-6A From ID A1P12.21	to W2 P1B-6A to ID A1J12.21 to ID P12-61 (S202-21)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1J10.48 to ID P11-52 (S510-1)
From W2 P2-5 (UUT J1-5) From ID J2B-6F From ID A1P12.47	to W2 P1B-6F to ID A1J12.47 to ID P12-94 (S202-39)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W2 P2-3 (UUT J1-3) From ID J2B-8F From ID A1P12.43	to W2 P1B-8F to ID A1J12.43 to ID P12-64 (S202-37)
From W2 P2-63 (UUT J1-63) From ID J2B-5F From ID A1P12.49	to W2 P1B-5F to ID A1J12.49 to ID P12-30 (S202-40)
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-144 (S509-8) From ID A1J9.26	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.26 to ID BUS 6

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From ID BUS 6 From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID R108.2 From ID A1J4.10	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-18 (S509-3)	to ID A1P9.19
From ID A1J9.19	to ID BUS 1
From ID A1J15.49	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 520

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J1.5, J1.3, and J1.49. The voltage at J1.9 should be greater than 27.7 volts.

From I	72 P2-49 (UUT J1-49) TD J2B-6A TD A1P12.21	to	ID	P1B-6A A1J12.21 P12-61 (S202-21)
From I From I From I	D P13-93 (S202-3) D A1J14.49 D A1P10.48 D P11-147 (S510-4) D A1J9.31	to to to	ID ID ID	A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2
From I	J2 P2-5 (UUT J1-5) D J2B-6F D A1P12.47	to	ID	P1B-6F A1J12.47 P12-94 (S202-39)
From I	D P13-93 (S202-3) D A1J14.49 D A1P10.48	to	ID	A1P14.49 A1J10.48 P11-52 (S510-1)

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From ID	P11-147 (S510-4)	to	ID	A1P9.31
From ID	A1J9.31	to	ID	BUS 2
From W2	P2-3 (UUT J1-3)	t.o	w2	P1B-8F
				A1J12.43
				P12-64 (S202-37)
FIOIII ID	AIPIZ.43	LO	דח	P12-04 (5202-37)
From W2	P2-9 (UUT J1-9)	to	W2	P1B-10B
_		to	ID	A1J13.33
From ID	A1P13.33	to	ID	P12-10 (S701-45)
From ID	P12-76 (S701-1)	to	ID	A1P12.50
				A1J10.3
				P11-194 (S506-1)
				A1P9.30
	A1J9.30			BUS 6
110111 110	11100.00	00		D0D 0
From ID	BUS 6	to	ID	A1J8.50
From ID	A1P8.50	to	ID	P10-138 (S301-54)
From ID				A1P7.26
				A1J4.18
From ID				R108.1
		t.o	TD	A1P4.10
	A1J4.10			DUND
110111 11	1110 1.10		0111	70112
From ID	P12-76 (S701-1)	to	ID	A1P12.50
From ID	A1J12.50	to	ID	A1J10.3
From ID	A1P10.3	to	ID	P11-194 (S506-1)
From ID	P11-164 (S506-3)	to	ID	A1P9.23
	A1J9.23	to	ID	BUS 1
From ID	P20-2 (DMM-HI)	to	ID	A1P15.49
From ID	A1J15.49	to	ID	A1J8.28
From ID	A1P8.28	to	ID	P10-203 (S503-1)
From ID	P10-77 (S503-3)	to	ID	A1P6.13
	A1J6.13	to	ID	BUS 1
Date: In	D20 2 (DMM TC)	L -	Τ.	31515 50
	P20-3 (DMM-LO)			
				A1J7.38
				P10-130 (S301-23)
				A1P7.36
From ID	A1J7.36	to	GRO	DUND

Step 521

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J1.5, J1.3, and J1.49. The voltage at J1.2 should be less than 0.7 volts.

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From W2 P	2-49 (UUT J1-49)	t o	W2	P1B-6A
From ID J				A1J12.21
From ID A				P12-61 (S202-21)
PIOM ID A	11512.21	LU	דט	F1Z-01 (5Z0Z-Z1)
Erom ID D	213-93 (S202-3)	+ 0	TD	A1P14.49
From ID A				A1J10.48
From ID A				P11-52 (S510-1)
				A1P9.31
From ID A	.1J9.31	to	ID	BUS 2
	0 5 (1 5)			-1- (-
				P1B-6F
From ID J				A1J12.47
From ID A	.1P12.47	to	ID	P12-94 (S202-39)
				A1P14.49
From ID A				A1J10.48
From ID A				P11-52 (S510-1)
From ID P	11-147 (S510-4)	to	ID	A1P9.31
From ID A	.1Ј9.31	to	ID	BUS 2
	· · · · · · · · · · · · · · · · · · ·			P1B-8F
From ID J				A1J12.43
From ID A	.1P12.43	to	ID	P12-64 (S202-37)
Errom MO D	22 2 /IIIII T1 2)	۰.	T.T ()	חוז כם
	•			P1A-6B
From ID J				A1J15.26
From ID A	IP15.26	to	ID	P13-73 (S701-25)
Erom ID D	212-76 (S701-1)	+ ~	TD	A1P12.50
From ID A				A1J10.3
From ID A				P11-194 (S506-1)
				A1P9.30
From ID A	.109.30	to	TD	BUS 6
From ID B	IIS 6	t o	TD	A1J8.48
From ID A				P10-171 (S301-50)
				· · · · · · · · · · · · · · · · · · ·
				A1P7.24
From ID A				A1J4.16
From ID A				R109.1
From ID R				A1P4.9
From ID A	.1J4.9	to	+28	3Λ
Erom ID D	112 76 (2701 1)	+ 0	TD	A1P12.50
	12-76 (S701-1)			
From ID A				A1J10.3
From ID A				P11-194 (S506-1)
	211-164 (S506-3)			A1P9.23
From ID A	.109.23	to	ID	BUS 1
From ID D	20-2 (DMM-HI)	t o	ΤD	A1P15.49
From ID A				A1J8.28
From ID A				P10-203 (S503-1)
	210-77 (S503-3)			A1P6.13
From ID A	1100.13	ĽΟ	TD	BUS 1

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From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 522

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J1.5, J1.3 and J1.49. The voltage at J1.4 should be less than 0.7 volts.

From W2 P2-49 (UUT J1-49)	to W2 P1B-6A
From ID J2B-6A	to ID A1J12.21
From ID A1P12.21	to ID P12-61 (S202-21)
· · · · · · · · · · · · · · · · · · ·	to ID A1P14.49
From ID AlJ14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
·	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
	to W2 P1B-6F
From ID J2B-6F	to ID AlJ12.47
From ID A1P12.47	to ID P12-94 (S202-39)
H ID D12 02 (G202 2)	L. TD 31D14 40
From ID P13-93 (S202-3) From ID A1J14.49	to ID A1P14.49 to ID A1J10.48
From ID A1014.49 From ID A1P10.48	
From ID P11-147 (S510-4)	to ID P11-52 (S510-1) to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
FION ID ALU9.31	CO 1D BUS 2
From W2 P2-3 (UUT J1-3)	to W2 P1B-8F
From ID J2B-8F	to ID A1J12.43
From ID A1P12.43	to ID P12-64 (S202-37)
110 12 111112.13	00 10 112 01 (0202 37)
From W2 P2-4 (UUT J1-4)	to W2 P1B-9B
From ID J2B-9B	to ID A1J13.29
From ID A1P13.29	to ID P12-8 (S701-27)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID AlJ12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.48
	to ID P10-171 (S301-50)
From ID P10-42 (S301-49)	to ID A1P7.24

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From ID A1J7.24	to ID A1J4.16
From ID A1P4.16	to ID R109.1
From ID R109.2	to ID A1P4.9
From ID A1J4.9	to +28V
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 523

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J1.5 and J1.49. The voltage at J1.63 should be greater than 27.7 volts.

From W2 P2-49 (UUT J1-49) From ID J2B-6A From ID A1P12.21	to W2 P1B-6A to ID A1J12.21 to ID P12-61 (S202-21)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W2 P2-5 (UUT J1-5) From ID J2B-6F From ID A1P12.47	to W2 P1B-6F to ID A1J12.47 to ID P12-94 (S202-39)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2

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From W2 P2-63 (UUT J1-63) From ID J2B-5F From ID A1P12.49	to W2 P1B-5F to ID A1J12.49 to ID P12-30 (S202-40)
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-144 (S509-8) From ID A1J9.26	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.26 to ID BUS 6
From ID BUS 6 From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID R108.2 From ID A1J4.10	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1J8.28 to ID P10-203 (S503-1)
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1J7.38 to ID P10-130 (S301-23)

Step 524

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J1.5 and J1.49. The voltage at J1.9 should be greater than 27.7 volts.

From	W2	P2-49 (UUT J1-49)	to	W2	P1B-6A
From	ID	J2B-6A	to	ID	A1J12.21
From	ID	A1P12.21	to	ID	P12-61 (S202-21)
From	ID	P13-93 (S202-3)	to	ID	A1P14.49
From	ID	A1J14.49	to	ID	A1J10.48
From	ID	A1P10.48	to	ID	P11-52 (S510-1)

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From	ID P11-147 (S510-4)	to	ID	A1P9.31
From	ID A1J9.31	to	ID	BUS 2
_	1>			-1- (-
	W2 P2-5 (UUT J1-5)			P1B-6F
	ID J2B-6F			A1J12.47
From	ID A1P12.47	to	ID	P12-94 (S202-39)
From	ID P13-93 (S202-3)	to	ID	A1P14.49
	ID A1J14.49			A1J10.48
	ID A1P10.48			P11-52 (S510-1)
				A1P9.31
	ID A1J9.31			BUS 2
FIOIII	ID A109.31	LU	ענ	B05 Z
From	W2 P2-9 (UUT J1-9)	to	W2	P1B-10B
From	ID J2B-10B	to	ID	A1J13.33
From	ID A1P13.33	to	ID	P12-10 (S701-45)
Fr⊙m	ID P12-76 (S701-1)	to	TD	A1P12.50
	ID A1J12.50			A1J10.3
				P11-194 (S506-1)
				A1P9.30
	ID A1J9.30			BUS 6
FLOIII	ID A109.30	LO	Iυ	805 0
From	ID BUS 6	to	ID	A1J8.50
From	ID A1P8.50	to	ID	P10-138 (S301-54)
From	ID P10-9 (S301-53)	to	ID	A1P7.26
From	ID A1J7.26	to	ID	A1J4.18
From	ID A1P4.18	to	ID	R108.1
From	ID R108.2	to	ID	A1P4.10
From	ID A1J4.10	to	GR	OUND
	TD D10 76 (0701 1)		TD	71D10 F0
				A1P12.50
	ID A1J12.50			A1J10.3
	ID A1P10.3			P11-194 (S506-1)
	ID P11-164 (S506-3)			A1P9.23
From	ID A1J9.23	to	ID	BUS 1
From	ID P20-2 (DMM-HI)	to	ID	A1P15.49
	ID A1J15.49			A1J8.28
	ID A1P8.28			P10-203 (S503-1)
	ID P10-77 (S503-3)			A1P6.13
	ID A1J6.13			BUS 1
	ID P20-3 (DMM-LO)			A1P15.50
	ID A1J15.50			A1J7.38
	ID A1P7.38			P10-130 (S301-23)
	ID P10-229 (S301-24)	to	ID	A1P7.36
From	ID A1J7.36	to	GR(OUND

Step 525

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with

respect to J2.11. 28.0Vdc is applied to pins J1.5 and J1.49. The voltage at J1.4 should be less than 0.7 volts.

From	W2	P2-49 (UUT J1-49)	to	W2	P1B-6A
		J2B-6A			A1J12.21
		A1P12.21			P12-61 (S202-21)
From	ID	P13-93 (S202-3)	to	ID	A1P14.49
		A1J14.49	to	ID	A1J10.48
From	ID	A1P10.48			P11-52 (S510-1)
					A1P9.31
		A1J9.31			BUS 2
From	W2	P2-5 (UUT J1-5)	to	W2	P1B-6F
From	ID	J2B-6F	to	ID	A1J12.47
From	ID	A1P12.47	to	ID	P12-94 (S202-39)
From	ID	P13-93 (S202-3)	to	ID	A1P14.49
From	ID	A1J14.49	to	ID	A1J10.48
From	ID	A1P10.48	to	ID	P11-52 (S510-1)
From	ID	P11-147 (S510-4)			A1P9.31
		A1J9.31	to	ID	BUS 2
From	W2	P2-4 (UUT J1-4)	to	W2	P1B-9B
From	ID	J2B-9B	to	ID	A1J13.29
From	ID	A1P13.29	to	ID	P12-8 (S701-27)
From	ID	P12-76 (S701-1)	to	ID	A1P12.50
From	ID	A1J12.50	to	ID	A1J10.3
From	ID	A1P10.3	to	ID	P11-194 (S506-1)
From	ID	P11-129 (S506-8)	to	ID	A1P9.30
${\tt From}$	ID	A1J9.30	to	ID	BUS 6
		BUS 6	to	ID	A1J8.48
${\tt From}$	ID	A1P8.48	to	ID	P10-171 (S301-50)
${\tt From}$	ID	P10-42 (S301-49)	to	ID	A1P7.24
${\tt From}$	ID	A1J7.24	to	ID	A1J4.16
${\tt From}$	ID	A1P4.16	to	ID	R109.1
${\tt From}$	ID	R109.2	to	ID	A1P4.9
${\tt From}$	ID	A1J4.9	to	+28	3V
${\tt From}$	ID	P12-76 (S701-1)	to	ID	A1P12.50
${\tt From}$	ID	A1J12.50	to	ID	A1J10.3
${\tt From}$	ID	A1P10.3	to	ID	P11-194 (S506-1)
${\tt From}$	ID	P11-164 (S506-3)	to	ID	A1P9.23
${\tt From}$	ID	A1J9.23	to	ID	BUS 1
		P20-2 (DMM-HI)			A1P15.49
		A1J15.49			A1J8.28
		A1P8.28			P10-203 (S503-1)
From	ID	P10-77 (S503-3)	to	ID	A1P6.13

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From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50

From ID A1J15.50 to ID A1J7.38

From ID A1P7.38 to ID P10-130 (S301-23)

From ID P10-229 (S301-24) to ID A1P7.36

From ID A1J7.36 to GROUND

Step 526

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J1.3 and J1.49. The voltage at J1.63 should be greater than 27.7 volts.

From W2 P2-3 (UUT J1-3) From ID J2B-8F From ID A1P12.43	to W2 P1B-8F to ID A1J12.43 to ID P12-64 (S202-37)
From W2 P2-49 (UUT J1-49) From ID J2B-6A	to ID A1J12.21
From ID A1P12.21	to ID P12-61 (S202-21)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48	to ID A1J10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	
From ID A1J9.31	to ID BUS 2
From W2 P2-63 (UUT J1-63) From ID J2B-5F	to W2 P1B-5F to ID A1J12.49
From ID A1P12.49	to ID P12-30 (S202-40)
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-144 (S509-8) From ID A1J9.26	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.26 to ID BUS 6
	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2)

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From ID P11-18 (S509-3)	to ID A1P9.19
From ID A1J9.19	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 527

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J1.3 and J1.49. The voltage at J1.9 should be greater than 27.7 volts.

From ID	J2B-8F	to	ID	P1B-8F A1J12.43 P12-64 (S202-37)
From ID	P2-49 (UUT J1-49) J2B-6A A1P12.21	to	ID	P1B-6A A1J12.21 P12-61 (S202-21)
From ID From ID From ID	A1P10.48 P11-147 (S510-4)	to to to	ID ID ID	A1J10.48 P11-52 (S510-1)
From ID	P2-9 (UUT J1-9) J2B-10B A1P13.33	to	ID	P1B-10B A1J13.33 P12-10 (S701-45)
From ID From ID From ID		to to to	ID ID ID	A1J10.3 P11-194 (S506-1)
From ID	A1P8.50	to to	ID ID	A1J8.50 P10-138 (S301-54) A1P7.26 A1J4.18

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From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
From ID A1J4.10	to GROUND
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 528

Description:

This step applies 15.0 Vdc to pin J3.30, and -15.0 Vdc to pin J3.29 with respect to J3.10. 28.0 Vdc is applied to pin J2.32 with respect to J2.11. 28.0 Vdc is applied to pins J1.3 and J1.49. The voltage at J1.2 should be less than 0.7 volts.

From W2 P2-3 (UUT J1-3) From ID J2B-8F From ID A1P12.43	to W2 P1B-8F to ID A1J12.43 to ID P12-64 (S202-37)
From W2 P2-49 (UUT J1-49) From ID J2B-6A From ID A1P12.21	to W2 P1B-6A to ID A1J12.21 to ID P12-61 (S202-21)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W2 P2-2 (UUT J1-2) From ID J2A-6B From ID A1P15.26 From ID P12-76 (S701-1) From ID A1J12.50	to W2 P1A-6B to ID A1J15.26 to ID P13-73 (S701-25) to ID A1P12.50 to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)

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	D P11-129 (S506-8) D A1J9.30			A1P9.30 BUS 6	
From I From I From I From I	ED BUS 6 ED A1P8.48 ED P10-42 (S301-49) ED A1J7.24 ED A1P4.16 ED R109.2 ED A1J4.9	to to to to	ID ID ID ID	A1P7.24 A1J4.16 R109.1 A1P4.9	(S301-50)
From I From I From I	D AlJ12.50 D AlP10.3	to to to	ID ID ID	A1P12.50 A1J10.3 P11-194 A1P9.23 BUS 1	
From I	D P20-2 (DMM-HI) D A1J15.49 D A1P8.28 D P10-77 (S503-3) D A1J6.13 D P20-3 (DMM-LO) D A1J15.50 D A1P7.38 D P10-229 (S301-24) D A1J7.36	to to to to to to to to	ID ID ID ID ID ID ID ID ID	A1P6.13 BUS 1 A1P15.50 A1J7.38 P10-130	(\$503-1)

Step 529

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.3, J1.49, J2.34, and J3.16. The frequency at pin J3.3 should be between 0.5 and 8.5 Hz.

From W1 P2-34 (UUT J2-34) From ID J1A-5F From ID A1P14.18	to W1 P1A-5F to ID A1J14.18 to ID P13-89 (S202-18)
From ID P13-29 (S202-4) From ID A1J14.50 From ID A1P10.50 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.50 to ID A1J10.50 to ID P11-244 (S510-2) to ID A1P9.31 to ID BUS 2
From W1 P3-16 (UUT J3-16) From ID J1B-6C From ID A1P12.12 From ID P12-20 (S201-3)	to W1 P1B-6C to ID A1J12.12 to ID P12-53 (S201-39) to ID A1P12.46

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From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W2 P2-3 (UUT J1-3)	to W2 P1B-8F
From ID J2B-8F	to ID A1J12.43
From ID A1P12.43	to ID P12-64 (S202-37)
	, ,
From W2 P2-49 (UUT J1-49)	to W2 P1B-6A
From ID J2B-6A	to ID A1J12.21
From ID A1P12.21	to ID P12-61 (S202-21)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID AlJ14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P3-3 (UUT J3-3)	to W1 P1A-5B
From ID J1A-5B	to ID A1J15.8
From ID A1P15.8	to ID P13-42 (S701-23)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	
From ID AlJ9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.48
From ID A1P8.48	to ID P10-171 (S301-50)
From ID P10-42 (S301-49)	
From ID A1J7.24	to ID A1J4.16
From ID A1P4.16	to ID R109.1
From ID R109.2	to ID A1P4.9
From ID A1J4.9	to +28V
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID AlJ9.23	to ID BUS 1
	-
From ID P19-18 (CT-IN1)	to ID A1P21.1
From ID AlJ21.1	to ID A1J6.8
From ID A1P6.8	to ID P10-162 (S501-2)
From ID P10-164 (S501-3)	to ID A1P7.29
From ID A1J7.29	to ID BUS 1

Step 530

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.3, J1.49, and J2.34. Short pin J2.39 to ground. The frequency at pin

J3.3 should be between 0.5 and 8.5 Hz.

Connection Path is as follows: See "UUT Power"

From W1 P2-39 (UUT J2-39) to W1 P1A-1E From ID J1A-1E to ID A1J14.9 From ID A1P14.9 to ID P13-17 (S201-26) From ID P12-80 (S201-2) to ID A1P12.40 from ID A1J12.40 to ID A1J10.8 from ID A1P10.8 to ID P11-139 (S508-2) from ID P11-205 (S508-10) to ID A1P9.2 from ID A1J9.2 to ID BUS 8 From W1 P2-34 (UUT J2-34) to W1 P1A-5F
From ID J1A-5F to ID A1J14.18
TD A1D14.18 to ID P13-89 (S202-18) From ID P13-29 (S202-4) to ID A1P14.50 from ID A1J14.50 to ID A1J10.50 from ID A1P10.50 to ID P11-244 (S510-2) from ID P11-147 (S510-4) to ID A1P9.31 from ID A1J9.31 From ID A1J9.31 to ID BUS 2 From W2 P2-3 (UUT J1-3) to W2 P1B-8F to ID A1J12.43 from ID A1P12.43 to ID P12-64 (S202-37) From W2 P2-49 (UUT J1-49) to W2 P1B-6A From W2 F2 I2 (...

From ID J2B-6A to ID A1012...

to ID P12-61 (S202-21) From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 From ID A1J9.31 to ID BUS 2 From W1 P3-3 (UUT J3-3) to W1 P1A-5B From ID J1A-5B to ID A1J15.8 From ID A1P15.8 to ID P13-42 to ID P13-42 (S701-23) From ID P12-76 (S701-1) to ID A1P12.50 From ID A1J12.50 to ID A1J10.3 From ID A1P10.3 to ID P11-194 (S506-1) From ID P11-129 (S506-8) to ID A1P9.30 From ID A1J9.30 to ID BUS 6 From ID A1J9.30 to ID BUS 6 From ID BUS 6 to ID A1J8.48 from ID A1P8.48 to ID P10-171 (S301-50) from ID P10-42 (S301-49) to ID A1P7.24 from ID A1J7.24 to ID A1J4.16 from ID A1P4.16 to ID R109.1

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From ID R109.2 From ID A1J4.9	to ID A1P4.9 to +28V
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P19-18 (CT-IN1)	to ID A1P21.1
From ID A1J21.1	to ID A1J6.8
From ID A1P6.8	to ID P10-162 (S501-2)
From ID P10-164 (S501-3)	to ID A1P7.29
From ID A1J7.29	to ID BUS 1

Step 531

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49 and J2.34. Short pins J2.39 and J3.22 to ground. The voltage at J3.3 should be less than 0.7 volts.

From V	W1	P3-22 (UUT J3-22)	to	W1	P1A-3E
From :	ID	J1A-3E	to	ID	A1J14.13
From 3	ID	A1P14.13	to	ID	P13-19 (S201-34)
From V	W1	P2-39 (UUT J2-39)	to	W1	P1A-1E
From :	ID	J1A-1E	to	ID	A1J14.9
From :	ID	A1P14.9	to	ID	P13-17 (S201-26)
		P12-80 (S201-2)			
_		A1J12.40			A1J10.8
_		A1P10.8			P11-139 (S508-2)
		, ,			A1P9.2
From :	ID	A1J9.2	to	ID	BUS 8
	1	DO 24 (TTTT TO 24)			D13 FF
		- (,			P1A-5F
		J1A-5F			A1J14.18
From .	TD	A1P14.18	to	TD	P13-89 (S202-18)
Erom .	TD	P13-29 (S202-4)	t o	TD	A1P14.50
		A1J14.50			A1J10.50
					P11-244 (S510-2)
					A1P9.31
		A1J9.31			BUS 2
110111		11100.31			200 2
From V	W2	P2-3 (UUT J1-3)	to	W2	P1B-8F
From :	ID	J2B-8F	to	ID	A1J12.43
From :	ID	A1P12.43	to	ID	P12-64 (S202-37)
From V	W2	P2-49 (UUT J1-49)	to	W2	P1B-6A

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From ID J2B-6A	to ID A1J12.21
From ID A1P12.21	to ID P12-61 (S202-21)
F TD D13 03 (G000 3)	L. TD 71D14 40
From ID P13-93 (S202-3)	
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P3-3 (UUT J3-3)	to W1 P1A-5B
From ID J1A-5B	to ID AlJ15.8
From ID A1P15.8	to ID P13-42 (S701-23)
FIOM ID AIFIS.0	CO ID F13-42 (5701-23)
From ID P12-76 (S701-1)	
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.48
From ID A1P8.48	to ID P10-171 (S301-50)
From ID P10-42 (S301-49)	· · · · · · · · · · · · · · · · · · ·
From ID A1J7.24	to ID A1J4.16
From ID AlP4.16	to ID R109.1
From ID R109.2	to ID A1P4.9
From ID A1J4.9	to +28V
From ID P12-76 (S701-1)	to ID A1P12.50
	to ID A1J10.3
	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	
From ID A1J9.23	to ID BUS 1
FIOR ID ALOV. 25	CO 1D BOS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
FIOM ID AIGU.IS	CO 1D BOS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND
IIOM ID AIO/.JO	CO GROOMD

Step 532

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49 and J2.34. Short pins J2.39, J3.22 and J2.40 to ground. The voltage at J3.3 should be less than 0.7 volts.

Connection Path is as follows:

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See	"UUT	Power"
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From W1 P2-40 (UUT J2-40) to W1 P1A-1F
From ID J1A-1F to ID A1J14.11
From ID A1P14.11 to ID P13-51 (S to ID P13-51 (S201-28) From W1 P3-22 (UUT J3-22) to W1 P1A-3E to ID A1J14.13 to ID AlJ14.13 to ID P13-19 (S201-34) From W1 P2-39 (UUT J2-39) to W1 P1A-1E From ID J1A-1E to ID A1J14.9 From ID A1P14.9 to ID P13-17 (S201-26) From ID P12-80 (S201-2) to ID A1P12.40 from ID A1J12.40 to ID A1J10.8 from ID A1P10.8 to ID P11-139 (S508-2) from ID P11-205 (S508-10) to ID A1P9.2 from ID A1J9.2 From ID A1J9.2 to ID BUS 8 From W1 P2-34 (UUT J2-34) to W1 P1A-5F From ID J1A-5F to ID A1J14.18 to ID P13-89 (S202-18) From ID A1P14.18 From ID P13-29 (S202-4) to ID A1P14.50
From ID A1J14.50 to ID A1J10.50
From ID A1P10.50 to ID P11-244 (S510-2)
From ID P11-147 (S510-4) to ID A1P9.31
to ID BUS 2 From W2 P2-3 (UUT J1-3) to W2 P1B-8F
From ID J2B-8F to ID A1J12.43
From ID A1P12.43 to TD P12-64 (S to ID P12-64 (S202-37) From W2 P2-49 (UUT J1-49) to W2 P1B-6A From ID J2B-6A From ID A1P12.21 to ID A1J12.21 to ID P12-61 (S202-21) From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9 31 to ID BUS 2 From ID A1J9.31 to ID BUS 2 From W1 P3-3 (UUT J3-3) to W1 P1A-5B to ID A1J15.8 From ID J1A-5B From ID A1P15.8 to ID A1J15.8 to ID P13-42 (S701-23) From ID P12-76 (S701-1) to ID A1P12.50
From ID A1J12.50 to ID A1J10.3
From ID A1P10.3 to ID P11-194 (S506-1)
From ID P11-129 (S506-8) to ID A1P9.30
From ID A1J9.30 to ID BUS 6

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From ID BUS 6 From ID A1P8.48 From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16 From ID R109.2 From ID A1J4.9	to ID A1J8.48 to ID P10-171 (S301-50) to ID A1P7.24 to ID A1J4.16 to ID R109.1 to ID A1P4.9 to +28V
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 533

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49 and J2.34. Short pin J2.39 to ground. The frequency at pin J3.3 should be between 0.5 and 8.5 Hz.

From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From W1 P2-34 (UUT J2-34) From ID J1A-5F From ID A1P14.18	to W1 P1A-5F to ID A1J14.18 to ID P13-89 (S202-18)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2

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From W2 P2-3 (UUT J1-3) From ID J2B-8F From ID A1P12.43	to W2 P1B-8F to ID A1J12.43 to ID P12-64 (S202-37)
From W2 P2-49 (UUT J1-49) From ID J2B-6A From ID A1P12.21	to W2 P1B-6A to ID A1J12.21 to ID P12-61 (S202-21)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P3-3 (UUT J3-3) From ID J1A-5B From ID A1P15.8	to W1 P1A-5B to ID A1J15.8 to ID P13-42 (S701-23)
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.30 to ID BUS 6
From ID BUS 6 From ID Alp8.48 From ID P10-42 (S301-49) From ID AlJ7.24 From ID Alp4.16 From ID R109.2 From ID AlJ4.9	to ID A1J8.48 to ID P10-171 (S301-50) to ID A1P7.24 to ID A1J4.16 to ID R109.1 to ID A1P4.9 to +28V
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1J10.3 to ID P11-194 (S506-1)
From ID P19-18 (CT-IN1) From ID A1J21.1 From ID A1P6.8 From ID P10-164 (S501-3) From ID A1J7.29	to ID A1P21.1 to ID A1J6.8 to ID P10-162 (S501-2) to ID A1P7.29 to ID BUS 1

Step 534

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34 and J2.5. Short pin J2.39 to ground. The frequency at pin J3.3 should be between 0.5 and 8.5 Hz.

Connection Path is as follows:

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See	"UUT	Power"

From W1 P2-5 (UUT J2-5)	to W1 P1B-14A
From ID J1B-14A	to ID A1J13.1
From ID A1P13.1	to ID P12-79 (S201-5)

From ID P12-20 (S201-3)

From ID AlJ12.46 to ID AlJ10.2
From ID AlP10.2 to ID P11-39 (S507-1)
From ID P11-72 (S507-4) to ID AlP9.27
The TD AlT9 27 to ID BUS 2

From W1 P2-39 (UUT J2-39) to W1 P1A-1E From ID J1A-1E to ID A1J14.9 From ID A1P14.9 to ID P13-17 (S201-26)

From ID P12-80 (S201-2) to ID A1P12.40 from ID A1J12.40 to ID A1J10.8 from ID A1P10.8 to ID P11-139 (S508-2) from ID P11-205 (S508-10) to ID A1P9.2 from ID A1J9.2 to ID BUS 8

From W1 P2-34 (UUT J2-34) to W1 P1A-5F to ID A1J14.18 from ID A1P14.18 to ID P13-89 (S202-18)

From ID P13-29 (S202-4) to ID A1P14.50 from ID A1J14.50 to ID A1J10.50 from ID A1P10.50 to ID P11-244 (S510-2) from ID P11-147 (S510-4) to ID A1P9.31 for ID A1P9.31

From ID A1J9.31

From W2 P2-3 (UUT J1-3) to W2 P1B-8F
From ID J2B-8F to ID A1J12.43
From ID A1P12.43 to ID P12-64 (S

From W2 P2-49 (UUT J1-49) to W2 P1B-6A

From ID J2B-6A

From ID A1P12.21

From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31

From ID A1J9.31

From W1 P3-3 (UUT J3-3) to W1 P1A-5B to ID A1J15.8 to ID P13-42 (S701-23)

From ID P12-76 (S701-1) to ID A1P12.50 from ID A1J12.50 to ID A1J10.3 From ID A1P10.3 to ID P11-194 (From ID P11-129 (S506-8) to ID A1P9.30

to ID A1P12.46

to ID BUS 2

to ID P12-64 (S202-37)

to ID A1J12.21

to ID P12-61 (S202-21)

to ID BUS 2

to ID P11-194 (S506-1)

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From ID AlJ9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.48
From ID A1P8.48	to ID P10-171 (S301-50)
From ID P10-42 (S301-49)	to ID A1P7.24
From ID A1J7.24	to ID A1J4.16
From ID AlP4.16	to ID R109.1
From ID R109.2	to ID A1P4.9
From ID A1J4.9	to +28V
From ID P12-76 (S701-1)	to ID A1P12.50
From ID AlJ12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P19-18 (CT-IN1)	to ID A1P21.1
From ID AlJ21.1	to ID A1J6.8
From ID A1P6.8	to ID P10-162 (S501-2)
From ID P10-164 (S501-3)	to ID A1P7.29
From ID A1J7.29	to ID BUS 1

Step 535

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34, J2.5 and J2.38. Short pin J2.39 to ground. The voltage at J3.3 should be less than 0.7 volts.

From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23)
From W1 P2-5 (UUT J2-5) From ID J1B-14A From ID A1P13.1	to W1 P1B-14A to ID A1J13.1 to ID P12-79 (S201-5)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9 From ID P12-80 (S201-2)	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID A1J12.40 From ID A1P10.8	to ID A1J10.8 to ID P11-139 (S508-2)

From ID P11-205 (S508-10)	
From ID A1J9.2	to ID BUS 8
From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)
	·
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W2 P2-3 (UUT J1-3)	to W2 P1B-8F
From ID J2B-8F	to ID A1J12.43
From ID A1P12.43	to ID P12-64 (S202-37)
From W2 P2-49 (UUT J1-49)	to W2 P1B-6A
From ID J2B-6A	to ID A1J12.21
From ID A1P12.21	to ID P12-61 (S202-21)
· · · · · · · · · · · · · · · · · · ·	to ID A1P14.49
From ID AlJ14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P3-3 (UUT J3-3)	to W1 P1A-5B
From ID J1A-5B	to ID AlJ15.8
From ID A1P15.8	to ID P13-42 (S701-23)
FIOM ID AIFIS.0	CO ID FIS 42 (5/01 25)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.48
From ID A1P8.48	to ID P10-171 (S301-50)
From ID P10-42 (S301-49)	to ID A1P7.24
From ID A1J7.24	to ID A1J4.16
From ID A1P4.16	to ID R109.1
From ID R109.2	to ID A1P4.9
From ID A1J4.9	to +28V
From ID P12-76 (S701-1)	to ID A1P12.50
From ID AlJ12.50	to ID A1J10.3
From ID A1012.50 From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
IIOM ID AIO7.23	CO 1D DOD 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)

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From ID P10-77 (S503-3) to ID A1P6.13 From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50 From ID A1J15.50 to ID A1J7.38 From ID A1P7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND

Step 536

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34 and J2.38. Short pin J3.22 and J2.40 to ground. The frequency at pin J3.3 should be between 0.5 and 8.5 Hz.

From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P2-34 (UUT J2-34) From ID J1A-5F From ID A1P14.18	to W1 P1A-5F to ID A1J14.18 to ID P13-89 (S202-18)
From ID P13-29 (S202-4) From ID A1J14.50 From ID A1P10.50 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.50 to ID A1J10.50 to ID P11-244 (S510-2) to ID A1P9.31 to ID BUS 2

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From W2 P2-3 (UUT J1-3) From ID J2B-8F From ID A1P12.43	to W2 P1B-8F to ID A1J12.43 to ID P12-64 (S202-37)
From W2 P2-49 (UUT J1-49)	to W2 P1B-6A
From ID J2B-6A	to ID A1J12.21
From ID A1P12.21	to ID P12-61 (S202-21)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P3-3 (UUT J3-3)	to W1 P1A-5B
From ID J1A-5B	to ID A1J15.8
From ID A1P15.8	to ID P13-42 (S701-23)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6 From ID A1P8.48 From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16 From ID R109.2	to ID A1J4.16 to ID R109.1 to ID A1P4.9
From ID A1J4.9 From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID AlJ10.3 to ID P11-194 (S506-1)
From ID P19-18 (CT-IN1) From ID A1J21.1 From ID A1P6.8 From ID P10-164 (S501-3) From ID A1J7.29	to ID A1P21.1 to ID A1J6.8 o ID P10-162 (S501-2) to ID A1P7.29 to ID BUS 1

Step 537

Description:

This step applies 15.0 Vdc to pin J3.30, and -15.0 Vdc to pin J3.29 with respect to J3.10. 28.0 Vdc is applied to pins J1.49, J2.34, J2.38. Short pins J3.22, J2.40 and J2.46 to ground. The frequency at pin J3.3 should be between 0.5 and 8.5 Hz.

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From W From I	T1 P2-46 (UUT J2-46) D J1B-7B D A1P12.8	to ID	P1B-7B A1J12.8 P12-50 (S20)1 – 30)
				,
	11 P3-22 (UUT J3-22)			
	D J1A-3E D A1P14.13		A1J14.13 P13-19 (S20	11_21)
riom i	D AIFIT.13	CO IL	F13 17 (B20	/I JI/
	11 P2-40 (UUT J2-40)			
	D J1A-1F		to ID AlJ14	
From 1	D A1P14.11		to ID P13-5	1 (S201-28)
From W	1 P2-38 (UUT J2-38)		to W1 P1B-8	В
From I	D J1B-8B		to ID A1J12	.5
From I	D A1P12.5		to ID P12-1	7 (S201-23)
From I	D P12-20 (S201-3)		to ID A1P12	.46
From I	D A1J12.46		to ID A1J10	.2
From I	D A1P10.2		to ID P11-3	9 (S507-1)
From I	D P11-72 (S507-4)		to ID A1P9.	27
	D A1J9.27		to ID BUS 2	
	D P12-80 (S201-2)		to ID A1P12	
	D A1J12.40		to ID A1J10	
	D A1P10.8		to ID P11-1	
	D P11-205 (S508-10)		to ID Alp9.	
From 1	D A1J9.2		to ID BUS 8	
	11 P2-34 (UUT J2-34)		to W1 P1A-5	
	D J1A-5F		to ID AlJ14	
From I	D A1P14.18		to ID P13-8	9 (S202-18)
From I	D P13-29 (S202-4)		to ID A1P14	.50
	D A1J14.50		to ID A1J10	
	D A1P10.50		to ID P11-2	
	D P11-147 (S510-4)		to ID A1P9.	
From I	D A1J9.31		to ID BUS 2	
From W	2 P2-3 (UUT J1-3)		to W2 P1B-8	F
	D J2B-8F		to ID A1J12	
From I	D A1P12.43		to ID P12-6	4 (S202-37)
From W	(2 P2-49 (UUT J1-49)		to W2 P1B-6	A
From I	D J2B-6A		to ID A1J12	.21
From I	D A1P12.21		to ID P12-6	1 (S202-21)
From I	D P13-93 (S202-3)		to ID A1P14	.49
From I	D A1J14.49		to ID AlJ10	
	D A1P10.48		to ID P11-5	
	D P11-147 (S510-4)		to ID A1P9.	
From I	D A1J9.31		to ID BUS 2	
From W	11 P3-3 (UUT J3-3)		to W1 P1A-5	В
	D J1A-5B		to ID A1J15	

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From ID A1P15.8	to ID P13-42 (S701-23)
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.30 to ID BUS 6
From ID BUS 6 From ID A1P8.48 From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16 From ID R109.2 From ID A1J4.9	to ID A1J8.48 to ID P10-171 (S301-50) to ID A1P7.24 to ID A1J4.16 to ID R109.1 to ID A1P4.9 to +28V
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1J10.3 to ID P11-194 (S506-1)
From ID P19-18 (CT-IN1) From ID A1J21.1 From ID A1P6.8 From ID P10-164 (S501-3) From ID A1J7.29	to ID A1P21.1 to ID A1J6.8 to ID P10-162 (S501-2) to ID A1P7.29 to ID BUS 1

Step 538

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34 and J2.38. Short pins J3.22, J2.40 and J2.46 to ground. The frequency at pin J2.3 should be between 0.5 and 8.5 Hz.

From W1 P2-46 (UUT J2-46) From ID J1B-7B From ID A1P12.8	to W1 P1B-7B to ID A1J12.8 to ID P12-50 (S201-30)
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23)

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T TD D10 00 (G001 2)	10. 10. 10. 46
From ID P12-20 (S201-3)	
From ID AlJ12.46	to ID AlJ10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)
110 13 11111110	66 12 113 65 (5262 16)
From ID P13-29 (S202-4) From ID A1J14.50	to ID A1P14.50 to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W2 P2-3 (UUT J1-3)	to W2 P1B-8F
From ID J2B-8F	to ID A1J12.43
From ID A1P12.43	to ID P12-64 (S202-37)
From W2 P2-49 (UUT J1-49)	to W2 P1B-6A
From ID J2B-6A	to ID A1J12.21
From ID A1P12.21	to ID P12-61 (S202-21)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From W1 P2-3 (UUT J2-3)	to W1 P1B-14E
From ID J1B-14E	to ID A1J13.9
From ID A1P13.9	to ID P12-36 (S701-5)
	·
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.48
From ID A1P8.48	to ID P10-171 (S301-50)
From ID P10-42 (S301-49)	to ID A1P7.24
From ID A1J7.24	to ID A1J4.16
From ID A1P4.16	to ID R109.1
From ID R109.2	to ID A1P4.9
From ID AlJ4.9	to +28V

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From ID P12-76 (S701-1) to ID A1P12.50
From ID A1J12.50 to ID A1J10.3
From ID A1P10.3 to ID P11-194 (S506-1)
From ID P11-164 (S506-3) to ID A1P9.23
From ID A1J9.23 to ID BUS 1

From ID P19-18 (CT-IN1) to ID A1P21.1
From ID A1J21.1 to ID A1J6.8
From ID A1P6.8 to ID P10-162 (S501-2)
From ID P10-164 (S501-3) to ID BUS 1

Step 539

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34 and J2.38. Short pins J3.22, J2.40 and J2.46 to ground. Momentarily lift J2.16 from ground, connect to 28.0Vdc and reconnect to ground. The frequency at pin J2.3 should be between 0.5 and 8.5 Hz.

From ID P11-233 (S301-153)	to ID A1J11.9 to ID P11-43 (S301-154)
	to W1 P1B-7B to ID A1J12.8 to ID P12-50 (S201-30)
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23)
	to ID A1J10.2 to ID P11-39 (S507-1)
From ID P12-80 (S201-2)	to ID A1P12.40

From ID AlJ12.40	to ID AlJ10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	
From ID AlJ9.2	to ID BUS 8
110 12 11107.2	66 12 265 6
From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID AlJ14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID Alp9.31
From ID A1J9.31	to ID BUS 2
110111 1109.31	CO 1D DOD 2
From W2 P2-3 (UUT J1-3)	to W2 P1B-8F
From ID J2B-8F	to ID AlJ12.43
From ID A1P12.43	to ID P12-64 (S202-37)
110 15 111112.13	00 12 112 01 (8202 37)
From W2 P2-49 (UUT J1-49)	to W2 P1B-6A
From ID J2B-6A	to ID A1J12.21
From ID A1P12.21	to ID P12-61 (S202-21)
	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
TIOM ID AIO 9. 31	CO ID DOD Z
From W1 P3-3 (UUT J3-3)	to W1 P1A-5B
From ID J1A-5B	to ID A1J15.8
From ID A1P15.8	to ID P13-42 (S701-23)
	,
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID BUS 6	to ID A1J8.48
From ID A1P8.48	to ID P10-171 (S301-50)
From ID P10-42 (S301-49)	to ID A1P7.24
From ID A1J7.24	to ID A1J4.16
From ID A1P4.16	to ID R109.1
From ID R109.2	to ID A1P4.9
From ID A1J4.9	to +28V
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P19-18 (CT-IN1)	to ID A1P21.1
From ID A1J21.1	to ID A1J6.8
From ID A1P6.8	to ID P10-162 (S501-2)

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From ID P10-164 (S501-3) to ID A1P7.29 From ID A1J7.29 to ID BUS 1

Step 540

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34 and J2.38. Short pins J3.22, J2.40 and J2.46 to ground. Momentarily lift J2.16 from ground, connect to 28.0Vdc and reconnect to ground. The voltage at J2.3 should be less than 0.7 volts.

Connection Path is as follows:

See "UUT Power"

From W1 P2-46 (UUT J2-46) From ID J1B-7B From ID A1P12.8	to W1 P1B-7B to ID A1J12.8 to ID P12-50 (S201-30)
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From W1 P2-38 (UUT J2-38) From ID A1P12.5	to ID A1J12.5 to ID P12-17 (S201-23)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P2-34 (UUT J2-34) From ID J1A-5F From ID A1P14.18	to W1 P1A-5F to ID A1J14.18 to ID P13-89 (S202-18)
From ID P13-29 (S202-4) From ID A1J14.50 From ID A1P10.50 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.50 to ID A1J10.50 to ID P11-244 (S510-2) to ID A1P9.31 to ID BUS 2
From W2 P2-3 (UUT J1-3) From ID J2B-8F From ID A1P12.43	to W2 P1B-8F to ID A1J12.43 to ID P12-64 (S202-37)

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From W2 P2-49 (UUT J1-49) From ID J2B-6A From ID A1P12.21	to W2 P1B-6A to ID A1J12.21 to ID P12-61 (S202-21)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1J10.48 to ID P11-52 (S510-1)
From W1 P2-3 (UUT J2-3) From ID J1B-14E From ID A1P13.9	to W1 P1B-14E to ID A1J13.9 to ID P12-36 (S701-5)
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1J10.3 to ID P11-194 (S506-1)
From ID BUS 6 From ID A1P8.48 From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16 From ID R109.2 From ID A1J4.9	to ID A1J8.48 to ID P10-171 (S301-50) to ID A1P7.24 to ID A1J4.16 to ID R109.1 to ID A1P4.9 to +28V
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1)
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 541

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34, J2.38 and J2.9 (for 10 msec). Short pins J3.29, J3.22, J2.40 and J2.12 to ground. The frequency at pin J3.3 should be between 0.5

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and 8.5 Hz.

Connection Path is as follows: See "UUT Power"

rom	W1	P2-9 (UUT J2-9)	to	W1	P1A-1A
rom	ID	J1A-1A	to	ID	A1J14.1

From ID AlP14.1 to ID P13-47 (S201-9)

From ID P12-20 (S201-3) to ID A1P12.46 to ID A1J10.2 From ID A1P10.2 to ID P11-39 (S507-1) From ID P11-72 (S507-4) to ID A1P9.27 From ID A1J9.27 to ID BUS 2

From W1 P2-12 (UUT J2-12) to W1 P1B-8A

From ID J1B-8A to ID A1J12.4 From ID A1P12.4 to ID P12-18 (S201-22)

From W1 P3-22 (UUT J3-22) to W1 P1A-3E from ID J1A-3E to ID A1J14.13 from ID A1P14.13 to ID P13-19 (S201-34) from W1 P2-40 (UUT J2-40) to W1 P1A-1F from ID J1A-1F to ID A1J14.11 fo ID P13-51 (S201-28)

From W1 P2-38 (UUT J2-38) to W1 P1B-8B From ID J1B-8B to ID A1J12.5 From ID A1P12.5 to ID P12-17 (S201-23)

From ID P12-20 (S201-3) to ID A1P12.46 From ID A1J12.46 to ID A1J10.2 From ID A1P10.2 to ID P11-39 (S507-1) From ID P11-72 (S507-4) to ID A1P9.27 From ID A1J9.27 to ID BUS 2

to ID BUS 2 From ID A1J9.27

From ID P12-80 (S201-2) to ID A1P12.40
From ID A1J12.40 to ID A1J10.8
From ID A1P10.8 to ID P11-139 (S508-2)
From ID P11-205 (S508-10) to ID A1P9.2
The ID RIIS 8

From ID A1J9.2 to ID BUS 8

From W1 P2-34 (UUT J2-34) to W1 P1A-5F From ID J1A-5F to ID A1J14.18 From ID A1P14.18 to ID P13-89 (S

to ID P13-89 (S202-18)

From ID P13-29 (S202-4) to ID A1P14.50 from ID A1J14.50 to ID A1J10.50 from ID A1P10.50 to ID P11-244 (S510-2) from ID P11-147 (S510-4) to ID A1P9.31

From ID AlJ9.31 to ID BUS 2

From W2 P2-3 (UUT J1-3) to W2 P1B-8F From ID J2B-8F to ID A1J12.43

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From ID A1P12.43	to ID P12-64 (S202-37)
From W2 P2-49 (UUT J1-49) From ID J2B-6A From ID A1P12.21	to W2 P1B-6A to ID A1J12.21 to ID P12-61 (S202-21)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P3-3 (UUT J3-3) From ID J1A-5B From ID A1P15.8	to W1 P1A-5B to ID A1J15.8 to ID P13-42 (S701-23)
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.30 to ID BUS 6
From ID BUS 6 From ID A1P8.48 From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16 From ID R109.2 From ID A1J4.9	to ID A1J8.48 to ID P10-171 (S301-50) to ID A1P7.24 to ID A1J4.16 to ID R109.1 to ID A1P4.9 to +28V
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P19-18 (CT-IN1) From ID A1J21.1 From ID A1P6.8 From ID P10-164 (S501-3) From ID A1J7.29	to ID A1P21.1 to ID A1J6.8 to ID P10-162 (S501-2) to ID A1P7.29 to ID BUS 1

Step 542

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34, J2.38 and J2.9 (for 10 msec). Short pins J3.22, J2.40 and J2.12 to ground. The frequency at pin J2.14 should be between 0.5 and 8.5 Hz

From	w1	P2-12 (UUT J2-12)	t.o	W1	P1B-8A
					A1J12.4
		A1P12.4			P12-18 (S201-22)
From	W1	P3-22 (UUT J3-22)	to	W1	P1A-3E
			to	ID	A1J14.13
		A1P14.13			P13-19 (S201-34)
					,
From	W1	P2-40 (UUT J2-40)	to	W1	P1A-1F
From	ID	J1A-1F	to	ID	A1J14.11
From	ID	A1P14.11	to	ID	P13-51 (S201-28)
		•	to	W1	P1B-8B
From	ID	J1B-8B			A1J12.5
From	ID	A1P12.5	to	ID	P12-17 (S201-23)
_		-10 00 (-001 0)			
		· · · · · · · · · · · · · · · · · · ·			A1P12.46
					A1J10.2
					P11-39 (S507-1)
					A1P9.27
From	ID	A1J9.27	to	ID	BUS 2
From	TD	P12-80 (S201-2)	t o	TD	A1P12.40
					A1J10.8
					P11-139 (S508-2)
					A1P9.2
		AlJ9.2			BUS 8
110111	דב	A107.2	CO	דע	D0D 0
From	W1	P2-34 (UUT J2-34)	to	W1	P1A-5F
From	ID	J1A-5F	to	ID	A1J14.18
From	ID	A1P14.18	to	ID	P13-89 (S202-18)
${\tt From}$	ID	P13-29 (S202-4)	to	ID	A1P14.50
		A1J14.50			A1J10.50
			to	ID	P11-244 (S510-2)
		,	to	ID	A1P9.31
From	ID	A1J9.31	to	ID	BUS 2
_		-0.0 (1.0)			-1- 0-
		P2-3 (UUT J1-3)			P1B-8F
		J2B-8F			A1J12.43
From	ID	A1P12.43	to	ID	P12-64 (S202-37)
Erom	TAT ^	P2-49 (UUT J1-49)	+ ~	TAT ^	P1B-6A
		J2B-6A			A1J12.21
		A1P12.21			P12-61 (S202-21)
I I OIII	ענ	AIFIZ.ZI	LU	עב	P1Z-01 (5Z0Z-Z1)
From	ID	P13-93 (S202-3)	to	ID	A1P14.49
		AlJ14.49			A1J10.48
		A1P10.48			P11-52 (S510-1)
		P11-147 (S510-4)			A1P9.31
		A1J9.31			BUS 2
${\tt From}$	W1	P2-14 (UUT J2-14)	to	W1	P1A-3A
From	ID	J1A-3A	to	ID	A1J15.1

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From ID A1P15.1	to ID P13-39 (S701-7)
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.30 to ID BUS 6
From ID BUS 6 From ID A1P8.48 From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16 From ID R109.2 From ID A1J4.9	to ID A1J8.48 to ID P10-171 (S301-50) to ID A1P7.24 to ID A1J4.16 to ID R109.1 to ID A1P4.9 to +28V
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P19-18 (CT-IN1) From ID A1J21.1 From ID A1P6.8 From ID P10-164 (S501-3) From ID A1J7.29	to ID A1P21.1 to ID A1J6.8 to ID P10-162 (S501-2) to ID A1P7.29 to ID BUS 1

Step 543

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34 and J2.38. Short pins J3.22, J2.40 and J2.12 to ground. Momentarily lift J2.16 from ground, connect to 28.0Vdc and reconnect to ground. The frequency at pin J3.3 should be between 0.5 and 8.5 Hz.

From W1 P2-16 (UUT J2-16) From ID J1A-12D From ID A1P11.9 From ID P11-233 (S301-153) From ID A1J11.11	to W1 P1A-12D to ID A1J11.9 to ID P11-43 (S301-154) to ID A1P11.11 to ID A1J2.15 (DC2-HI J3-30)
From W1 P2-12 (UUT J2-12) From ID J1B-8A From ID A1P12.4	to W1 P1B-8A to ID A1J12.4 to ID P12-18 (S201-22)
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)

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From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
110 10 1.111111	00 12 110 01 (0101 10)
From W1 P2-38 (UUT J2-38)	+0 W1 D1R-8R
From ID J1B-8B	
	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID AlJ10.8
From ID A1012.40 From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	
From ID A1J9.2	to ID BUS 8
From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID AlJ10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From W2 P2-3 (UUT J1-3)	to W2 P1B-8F
From ID J2B-8F	to ID A1J12.43
From ID A1P12.43	to ID P12-64 (S202-37)
From W2 P2-49 (UUT J1-49)	to W2 P1B-6A
From ID J2B-6A	to ID A1J12.21
From ID A1P12.21	to ID P12-61 (S202-21)
	·
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1014.49 From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID Alp9.31
From ID A1J9.31	to ID BUS 2
From W1 P3-3 (UUT J3-3)	to W1 P1A-5B
From ID J1A-5B	to ID A1J15.8
From ID A1P15.8	to ID P13-42 (S701-23)
	·
From ID P12-76 (S701-1)	to ID A1P12.50
From ID AlJ12.50	to ID AlJ10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6

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From ID BUS 6 From ID A1P8.48 From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16 From ID R109.2	to ID A1J8.48 to ID P10-171 (S301-50) to ID A1P7.24 to ID A1J4.16 to ID R109.1 to ID A1P4.9
From ID A1J4.9	to +28V
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P19-18 (CT-IN1) From ID A1J21.1 From ID A1P6.8 From ID P10-164 (S501-3) From ID A1J7.29	to ID A1P21.1 to ID A1J6.8 to ID P10-162 (S501-2) to ID A1P7.29 to ID BUS 1

Step 544

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34 and J2.38. Short pins J3.22, J2.40, and J2.12 to ground. Momentarily lift J2.16 from ground, connect to 28.0Vdc and reconnect to ground. The voltage measured at pin J2.14 should be less than 0.9Vdc with respect to ground.

From W1 P2-12 (UUT J2-12)	to W1 P1B-8A
From ID J1B-8A	to ID A1J12.4
From ID A1P12.4	to ID P12-18 (S201-22)
From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)

From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID AlJ10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
T 11 DO 24 (1777 TO 24)	513 55
From W1 P2-34 (UUT J2-34)	
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)
	4-44 -4
•	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W2 P2-3 (UUT J1-3)	to W2 P1B-8F
From ID J2B-8F	to ID A1J12.43
From ID A1P12.43	to ID P12-64 (S202-37)
From W2 P2-49 (UUT J1-49)	to W2 P1B-6A
From ID J2B-6A	to ID A1J12.21
From ID A1P12.21	to ID P12-61 (S202-21)
110 12 1.11 12.11	00 12 111 01 (2101 11)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
FION ID ALO9.31	CO ID BOS 2
From W1 P2-14 (UUT J2-14)	to W1 P1A-3A
From ID J1A-3A	to ID A1J15.1
	to ID P13-39 (S701-7)
From ID A1P15.1	(S/UI-/)
Error ID D12 76 (C701 1)	+
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.48
From ID A1P8.48	to ID P10-171 (S301-50)
From ID P10-42 (S301-49)	to ID A1P7.24
From ID A1J7.24	to ID A1J4.16
From ID A1P4.16	to ID R109.1
From ID R109.2	to ID A1P4.9
From ID A1J4.9	to +28V
From ID P12-76 (S701-1)	to ID A1P12.50
From ID AlJ12.50	to ID AlJ10.3
From ID AlP10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
	UU HU MHLU.UU

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From ID A1J9.23	to ID BUS 1				
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1				
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	o ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND				
Step 545					
Description: This step applies 15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc J2.34, J2.38 and J2.8 (for 10 msec). S J2.50 to ground. The frequency at pin 8.5Hz. Connection Path is as follows: See "UUT Power"	is applied to pins J1.49, Short pins J3.22, J2.40 and				
From W1 P2-8 (UUT J2-8) From ID J1A-5E From ID A1P14.17	to W1 P1A-5E to ID A1J14.17 to ID P13-87 (S202-10)				
From W1 P2-50 (UUT J2-50) From ID J1B-6A From ID A1P12.10	to W1 P1B-6A to ID A1J12.10 to ID P12-83 (S201-32)				
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)				
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)				
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23)				
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2				
From ID P12-80 (S201-2)	to ID A1P12.40				

to ID A1J10.8

to ID P11-139 (S508-2)

From ID A1J12.40

From ID A1P10.8

From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
Eron MO DO 2 /IIIII T1 2)	to W2 P1B-8F
From W2 P2-3 (UUT J1-3) From ID J2B-8F	to ID A1J12.43
From ID A1P12.43	to ID P12-64 (S202-37)
FION ID AIPIZ.43	to ID PIZ-04 (5202-37)
From W2 P2-49 (UUT J1-49)	to W2 P1B-6A
From ID J2B-6A	to ID A1J12.21
From ID A1P12.21	to ID P12-61 (S202-21)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID AlJ14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P3-3 (UUT J3-3)	to W1 P1A-5B
From ID J1A-5B	to ID A1J15.8
From ID A1P15.8	to ID P13-42 (S701-23)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
110 12 11207.00	00 12 200 0
From ID BUS 6	to ID A1J8.48
From ID A1P8.48	to ID P10-171 (S301-50)
From ID P10-42 (S301-49)	to ID A1P7.24
From ID A1J7.24	to ID A1J4.16
From ID A1P4.16	to ID R109.1
From ID R109.2	to ID A1P4.9
From ID A1J4.9	to +28V
From ID P12-76 (S701-1)	to ID A1P12.50
From ID AlJ12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID Alp9.23
From ID A1J9.23	to ID BUS 1
From ID P19-18 (CT-IN1)	L. TD 31D01 1
110 12 117 10 (C1 11/1)	TO ID AIPZI I
From ID A1J21.1	to ID A1P21.1
From ID A1J21.1 From ID A1P6.8	to ID AIP21.1 to ID A1J6.8 to ID P10-162 (S501-2)

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From ID P10-164 (S501-3) to ID A1P7.29 From ID A1J7.29 to ID BUS 1

Step 546

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34, J2.38, and J2.8 (for 10 msec). Short pins J3.22, J2.40 and J2.50 to ground. The frequency at pin J2.49 should be between 0.5 and 8.5Hz.

From W1 P2-50 (UUT J2-50)	to W1 P1B-6A
From ID J1B-6A	to ID A1J12.10
From ID A1P12.10	to ID P12-83 (S201-32)
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13 From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34) to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P2-34 (UUT J2-34) From ID J1A-5F From ID A1P14.18	to W1 P1A-5F to ID A1J14.18 to ID P13-89 (S202-18)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W2 P2-3 (UUT J1-3)	to W2 P1B-8F
From ID J2B-8F	to ID A1J12.43

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From ID A1P12.43	to ID P12-64 (S202-37)
From W2 P2-49 (UUT J1-49) From ID J2B-6A From ID A1P12.21	to W2 P1B-6A to ID A1J12.21 to ID P12-61 (S202-21)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1J10.48 to ID P11-52 (S510-1)
From W1 P2-49 (UUT J2-49) From ID J1A-4B From ID A1P15.5	to W1 P1B-4B to ID A1J15.5 to ID P13-72 (S701-15)
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1J10.3 to ID P11-194 (S506-1)
From ID R109.2	to ID AlJ8.48 to ID P10-171 (S301-50) to ID AlP7.24 to ID AlJ4.16 to ID R109.1 to ID AlP4.9
From ID A1J4.9 From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to +28V to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P19-18 (CT-IN1) From ID A1J21.1 From ID A1P6.8 From ID P10-164 (S501-3) From ID A1J7.29	to ID A1J6.8 to ID P10-162 (S501-2)

Step 547

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34, J2.38 and J2.8 (for 10 msec). Short pins J3.22, J2.40, and J2.50 to ground. Momentarily lift J2.16 from ground, connect to 28.0Vdc and reconnect to ground. The frequency at pin J3.3 should be between 0.5 and 8.5Hz.

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From W1 P2-16 (UUT J2-16)	+o W1 D17-12D
From ID J1A-12D	to ID AlJ11.9
From ID A1P11.9	to ID P11-43 (S301-154)
From ID P11-233 (S301-153)	
From ID AlJ11.11	to ID A1J2.15 (DC2-HI J3-30)
11011 12 111011.11	00 15 11102.13 (502 HI 03 30)
From W1 P2-50 (UUT J2-50)	to W1 P1B-6A
From ID J1B-6A	to ID A1J12.10
From ID A1P12.10	to ID P12-83 (S201-32)
From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40)	
From ID J1A-1F	to ID AlJ14.11
From ID AlP14.11	to ID P13-51 (S201-28)
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID AlJ12.5
From ID A1P12.5	to ID P12-17 (S201-23)
From ID P12-20 (S201-3)	
From ID A1J12.46	to ID AlJ10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	
From ID AlJ9.27	to ID BUS 2
From ID P12-80 (S201-2)	to ID A1P12.40
From ID AlJ12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	
From ID A1J9.2	to ID BUS 8
From W1 P2-34 (UUT J2-34)	+ 0 W1 D17-5F
From ID J1A-5F	to ID AlJ14.18
From ID A1P14.18	to ID P13-89 (S202-18)
110 15 1	
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W2 P2-3 (UUT J1-3)	to W2 P1B-8F
From ID J2B-8F	to ID AlJ12.43
From ID A1P12.43	to ID P12-64 (S202-37)
From W2 P2-49 (UUT J1-49)	to W2 P1B-6A
From ID J2B-6A	to ID A1J12.21
From ID A1P12.21	to ID P12-61 (S202-21)
From ID P13-93 (S202-3)	to ID AlP14.49
D TD 31 T1 / /O	L - TD 71 T10 40

to ID A1J10.48

From ID A1J14.49

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From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P3-3 (UUT J3-3)	to W1 P1A-5B
From ID J1A-5B	to ID A1J15.8
From ID A1P15.8	to ID P13-42 (S701-23)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6 From ID A1P8.48 From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16 From ID R109.2 From ID A1J4.9	to ID A1J8.48 to ID P10-171 (S301-50) to ID A1P7.24 to ID A1J4.16 to ID R109.1 to ID A1P4.9 to +28V
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P19-18 (CT-IN1) From ID A1J21.1 From ID A1P6.8 From ID P10-164 (S501-3) From ID A1J7.29	to ID A1P21.1 to ID A1J6.8 to ID P10-162 (S501-2) to ID A1P7.29 to ID BUS 1

Step 548

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34, J2.38 and J2.8 (for 10 msec). Short pins J3.22, J2.40, and J2.50 to ground. Momentarily lift J2.16 from ground, connect to 28.0Vdc and reconnect to ground. The voltage measured at pin J2.49 should be less than 0.9Vdc with respect to ground.

From	W1	P2-50 (UUT J2-50)	to	W1	P1B-6A
From	ID	J1B-6A	to	ID	A1J12.10
From	ID	A1P12.10	to	ID	P12-83 (S201-32)
From	W1	P3-22 (UUT J3-22)	to	W1	P1A-3E
From	ID	J1A-3E	to	ID	A1J14.13
From	ID	A1P14.13	to	ID	P13-19 (S201-34)

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From W1	l P2-40 (UUT J2-40)	to	W1	P1A-1F
	J1A-1F	to	ID	A1J14.11
	D A1P14.11			P13-51 (S201-28)
				(,
From W1	1 P2-38 (UUT J2-38)	to	W1	P1B-8B
) J1B-8B			A1J12.5
	D A1P12.5			P12-17 (S201-23)
110111 11	7 1111 12 . 3	-		112 1, (5201 23)
From II	D P12-20 (S201-3)	to	TD	A1P12.46
	D A1J12.46			A1J10.2
	D A1P10.2			P11-39 (S507-1)
	D P11-72 (S507-4)			A1P9.27
	D A1J9.27			BUS 2
110111 11	7 A107.27	CO	ΙD	D0D Z
From II	D P12-80 (S201-2)	t o	TD	A1P12.40
	D A1J12.40			A1J10.8
	D A1P10.8			P11-139 (S508-2)
	D P11-205 (S508-10)			A1P9.2
	D A1J9.2			BUS 8
FIOIII II	J A109.2	LU	Iυ	DUD 0
Exom W1	l P2-34 (UUT J2-34)	+ 0	TAT 1	P1A-5F
	D J1A-5F			A1J14.18
	D A1P14.18			P13-89 (S202-18)
From II	J AIPI4.18	LO	ID	P13-89 (S2U2-18)
Erom II	D P13-29 (S202-4)	+ 0	TD	A1P14.50
	D A1J14.50			A1J10.50
	D A1910.50			P11-244 (S510-2)
	D P11-147 (S510-4)			A1P9.31
From II	D A1J9.31	LO	ΤD	BUS 2
Exom M	2 P2-3 (UUT J1-3)	+ 0	TAT O	P1B-8F
	2 P2-3 (001 01-3) D J2B-8F			
				A1J12.43
From II	D A1P12.43	LO	ΤD	P12-64 (S202-37)
Exom M	רת כי או (מונדי דו אמן	+ 0	TAT O	P1B-6A
	2 P2-49 (UUT J1-49)			
	D J2B-6A			A1J12.21
From II	D A1P12.21	LO	ΤD	P12-61 (S202-21)
Exam II	n12 02 /c202 2\	+ 0	TD	71014 40
	D P13-93 (S202-3) D A1J14.49			A1P14.49
	D A1014.49			A1J10.48
				P11-52 (S510-1)
	D P11-147 (S510-4)			A1P9.31
From II	D A1J9.31	to	TD	BUS 2
Danes 577	1 D2 40 (IIIIII T2 40)	. .	T,7 7	D1D 4D
	1 P2-49 (UUT J2-49)			P1B-4B
	D J1A-4B			A1J15.5
From II	D A1P15.5	to	TD	P13-72 (S701-15)
	D10 E6 (6501 1)			71D10 F0
	D P12-76 (S701-1)			A1P12.50
	D A1J12.50			A1J10.3
	D A1P10.3			P11-194 (S506-1)
	D P11-129 (S506-8)			A1P9.30
From II	D A1J9.30	to	ID	BUS 6

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From ID BUS 6 From ID A1P8.48 From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16 From ID R109.2 From ID A1J4.9	to ID A1J8.48 to ID P10-171 (S301-50) to ID A1P7.24 to ID A1J4.16 to ID R109.1 to ID A1P4.9 to +28V
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 549

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34, J2.38, J2.9 (for 10 msec), and J2.8. Short pins J3.22, J2.40, and J2.39 to ground. The voltage measured at pin J3.3 should be less 0.9Vdc with respect to ground.

From W1 P2-9 (UUT J2-9)	to W1 P1A-1A
From ID J1A-1A	to ID A1J14.1
From ID A1P14.1	to ID P13-47 (S201-9)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID AlJ12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
1 -0 20 (0 20)	11
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From W1 P2-8 (UUT J2-8)	to W1 P1A-5E

From	ID	J1A-5E	to	ID	A1J14.17
		A1P14.17			P13-87 (S202-10)
TIOIII	±υ	AII I I . I /	CO	יב	113 07 (5202 10)
	T.7 T	D2 00 (IIIIII T2 00)		T.77	D17 20
		P3-22 (UUT J3-22)			P1A-3E
		J1A-3E			A1J14.13
From	ID	A1P14.13	to	ID	P13-19 (S201-34)
From	W1	P2-40 (UUT J2-40)	to	W1	P1A-1F
From	ID	J1A-1F	to	ID	A1J14.11
_		A1P14.11			P13-51 (S201-28)
110111	11	AIIIIII	CO	ΙD	113 31 (5201 20)
Enom	T.7 T	D2 20 (IIII T2 20)	۰.	T.7 7	P1B-8B
		P2-38 (UUT J2-38)			
_		J1B-8B			A1J12.5
From	ID	A1P12.5	to	ID	P12-17 (S201-23)
From	ID	P12-20 (S201-3)	to	ID	A1P12.46
From	ID	A1J12.46	to	ID	A1J10.2
		A1P10.2			P11-39 (S507-1)
		P11-72 (S507-4)			A1P9.27
					BUS 2
Froiii	ΤD	A1J9.27	LO	TD	BO2 Z
		P12-80 (S201-2)			A1P12.40
From	ID	A1J12.40			A1J10.8
From	ID	A1P10.8	to	ID	P11-139 (S508-2)
From	ID	P11-205 (S508-10)	to	ID	A1P9.2
From	ID	A1J9.2	to	ID	BUS 8
From	w 1	P2-34 (UUT J2-34)	tο	₩1	P1A-5F
		J1A-5F			A1J14.18
From	ΙD	A1P14.18	to	ΤD	P13-89 (S202-18)
		P13-29 (S202-4)			A1P14.50
From	ID	A1J14.50	to	ID	A1J10.50
From	ID	A1P10.50	to	ID	P11-244 (S510-2)
From	ID	P11-147 (S510-4)	to	ID	A1P9.31
From	ID	A1J9.31	to	ID	BUS 2
From	C TAT	P2-3 (UUT J1-3)	t o	TAT 2	P1B-8F
		J2B-8F			A1J12.43
From	ΙD	A1P12.43	to	ΤD	P12-64 (S202-37)
_	T-7.0	DO 40 (IIII 71 40)		T-7-0	D1D (7
		P2-49 (UUT J1-49)			P1B-6A
From	ID	J2B-6A			A1J12.21
From		A1P12.21	tο	TD	P12-61 (S202-21)
	ID			11	PIZ-0I (SZ0Z-ZI)
	ID		CO	דב	P12-01 (5202-21)
From		P13-93 (S202-3)			A1P14.49
	ID		to	ID	
From	ID ID	P13-93 (S202-3) A1J14.49	to to	ID ID	A1P14.49 A1J10.48
From From	ID ID ID	P13-93 (S202-3) A1J14.49 A1P10.48	to to to	ID ID ID	A1P14.49 A1J10.48 P11-52 (S510-1)
From From From	ID ID ID	P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4)	to to to	ID ID ID ID	A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31
From From From	ID ID ID	P13-93 (S202-3) A1J14.49 A1P10.48	to to to	ID ID ID ID	A1P14.49 A1J10.48 P11-52 (S510-1)
From From From From	ID ID ID ID	P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31	to to to to	ID ID ID ID	A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2
From From From From	ID ID ID ID ID	P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31 P3-3 (UUT J3-3)	to to to to	ID ID ID ID ID	A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2 P1A-5B
From From From From From	ID ID ID ID ID ID	P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31	to to to to to	ID ID ID ID ID ID	A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2

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From ID P11-129 (S506-8) From ID A1J9.30	to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.30 to ID BUS 6
From ID A1P8.48 From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16	to ID A1J8.48 to ID P10-171 (S301-50) to ID A1P7.24 to ID A1J4.16 to ID R109.1 to ID A1P4.9 to +28V
	to ID A1J10.3 to ID P11-194 (S506-1)
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1J8.28 to ID P10-203 (S503-1)
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1J7.38 to ID P10-130 (S301-23)

Step 550

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34, J2.38, J2.9 (for 10 msec), and J2.8. Short pins J3.22, J2.40 and J2.39 to ground. The voltage measured at pin J2.37 should be less 0.9Vdc with respect to ground.

From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID AlP14.9	to ID P13-17 (S201-26)
From W1 P2-8 (UUT J2-8)	to W1 P1A-5E
From ID J1A-5E	to ID A1J14.17
From ID AlP14.17	to ID P13-87 (S202-10)
From W1 P3-22 (UUT J3-22)	to W1 P1A-3E

From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40)	
From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
•	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W2 P2-3 (UUT J1-3)	to W2 P1B-8F
From ID J2B-8F	to ID A1J12.43
From ID A1P12.43	to ID P12-64 (S202-37)
From W2 P2-49 (UUT J1-49)	to W2 P1B-6A
From ID J2B-6A	to ID A1J12.21
From ID A1P12.21	to ID P12-61 (S202-21)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P2-37 (UUT J2-37)	to W1 P1B-14F
From ID J1B-14F	to ID A1J13.11
From ID A1P13.11	to ID P12-38 (S701-11)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30

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From ID	A1J9.30	to	ID	BUS 6	
From ID From ID From ID From ID	A1P8.48 P10-42 (S301-49) A1J7.24 A1P4.16	to to to	ID ID ID ID	A1P7.24 A1J4.16 R109.1 A1P4.9	(S301-50)
From ID From ID From ID		to to to	ID ID ID	A1J10.3 P11-194	(S506-1)
From ID From ID From ID	A1P8.28	to to to	ID ID ID	A1J8.28	(S503-1)
From ID From ID From ID	A1J15.50	to to to	ID ID ID		

Step 551

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34, J2.38 and J2.9. Short pins J3.22, J2.40 and J2.39 to ground. The voltage measured at pin J3.3 should be less 0.9Vdc with respect to ground.

From W1 From ID	P2-9 (UUT J2-9) J1A-1A			P1A-1A A1J14.1
From ID	A1P14.1	to	ID	P13-47 (S201-9)
From ID	P12-20 (S201-3)	to	ID	A1P12.46
From ID	A1J12.46	to	ID	A1J10.2
From ID	A1P10.2	to	ID	P11-39 (S507-1)
From ID	P11-72 (S507-4)	to	ID	A1P9.27
From ID	A1J9.27	to	ID	BUS 2
From W1	P2-39 (UUT J2-39)	to	W1	P1A-1E
From ID	J1A-1E	to	ID	A1J14.9
From ID	A1P14.9	to	ID	P13-17 (S201-26)

From V	V 1	P3-22 (UUT J3-22)	to	W1	P1A-3E
From 1	ID	J1A-3E	to	ID	A1J14.13
From 1	ID	A1P14.13	to	ID	P13-19 (S201-34)
From V	V 1	P2-40 (UUT J2-40)	to	W1	P1A-1F
From 1	ID	J1A-1F	to	ID	A1J14.11
From 1	ID	A1P14.11	to	ID	P13-51 (S201-28)
From V	V 1	P2-38 (UUT J2-38)	to	W1	P1B-8B
From]	ID	J1B-8B	to	ID	A1J12.5
From 1	ID	A1P12.5	to	ID	P12-17 (S201-23)
From 1	ID	P12-20 (S201-3)	to	ID	A1P12.46
From 1	ID	A1J12.46	to	ID	A1J10.2
From 1	ID	A1P10.2	to	ID	P11-39 (S507-1)
From]	ID	P11-72 (S507-4)	to	ID	A1P9.27
From 1	ID	A1J9.27	to	ID	BUS 2
From 1	ID	P12-80 (S201-2)	to	ID	A1P12.40
From 1	ID	A1J12.40	to	ID	A1J10.8
From 1	ID	A1P10.8	to	ID	P11-139 (S508-2)
From 1	ID	P11-205 (S508-10)	to	ID	A1P9.2
From 1	ID	A1J9.2	to	ID	BUS 8
From V	V 1	P2-34 (UUT J2-34)			P1A-5F
		J1A-5F			A1J14.18
From 1	ID	A1P14.18	to	ID	P13-89 (S202-18)
		P13-29 (S202-4)			A1P14.50
		A1J14.50			A1J10.50
		A1P10.50			P11-244 (S510-2)
		P11-147 (S510-4)			A1P9.31
F'rom 1	LD	A1J9.31	to	TD	BUS 2
Erom V	T O	P2-3 (UUT J1-3)	t o	TAT 2	P1B-8F
		J2B-8F			A1J12.43
		A1P12.43			P12-64 (S202-37)
r I O III	עו	AIF 12.45	CO	ΙD	F1Z 04 (5Z0Z 57)
From V	1 2	P2-49 (UUT J1-49)	to	W2	P1B-6A
		J2B-6A			A1J12.21
		A1P12.21			P12-61 (S202-21)
					111 01 (2101 11)
From]	ID	P13-93 (S202-3)	to	ID	A1P14.49
		A1J14.49	to	ID	A1J10.48
From 1	ID	A1P10.48	to	ID	P11-52 (S510-1)
From]	ID	P11-147 (S510-4)	to	ID	A1P9.31
		A1J9.31	to	ID	BUS 2
From V	v 1	P3-3 (UUT J3-3)	to	W1	P1A-5B
From 1	ID	J1A-5B			A1J15.8
From 1	ID	A1P15.8	to	ID	P13-42 (S701-23)
		P12-76 (S701-1)			A1P12.50
From 1	ID	A1J12.50	to	ID	A1J10.3

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From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID P11-194 (S506-1) to ID A1P9.30 to ID BUS 6
From ID BUS 6 From ID A1P8.48 From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16 From ID R109.2 From ID A1J4.9	to ID A1J8.48 to ID P10-171 (S301-50) to ID A1P7.24 to ID A1J4.16 to ID R109.1 to ID A1P4.9 to +28V
From ID A1P10.3	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1J8.28 to ID P10-203 (S503-1)
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1J7.38 to ID P10-130 (S301-23)

Step 552

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34, J2.38 and J2.9. Short pins J3.22, J2.40 and J2.39 to ground. The voltage measured at pin J2.2 should be less 0.9Vdc with respect to ground.

From W1 P2-9 (UUT J2-9) From ID J1A-1A From ID A1P14.1	to W1 P1A-1A to ID A1J14.1 to ID P13-47 (S201-9)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W1 P2-39 (UUT J2-39) From ID J1A-1E	to W1 P1A-1E to ID A1J14.9

From ID	A1P14.9	to	ID	P13-17 (S201-26)
From W1	P3-22 (UUT J3-22)	to	W1	P1A-3E
From ID				A1J14.13
	A1P14.13			P13-19 (S201-34)
110111 11	111111111	00	דב	113 17 (8201 31)
From W1	P2-40 (UUT J2-40)	to	W1	P1A-1F
From ID	J1A-1F	to	ID	A1J14.11
From ID	A1P14.11	to	ID	P13-51 (S201-28)
From W1	P2-38 (UUT J2-38)	t.o	พ1	P1B-8B
	J1B-8B			A1J12.5
	A1P12.5			P12-17 (S201-23)
110111 11	A11 12.5	CO	דט	112 17 (5201 25)
From ID	P12-20 (S201-3)	to	ID	A1P12.46
From ID	A1J12.46	to	ID	A1J10.2
From ID	A1P10.2	to	ID	P11-39 (S507-1)
From ID	P11-72 (S507-4)	to	ID	A1P9.27
From ID	A1J9.27	to	ID	BUS 2
	-10 00 (-001 0)			-4-40 40
	P12-80 (S201-2)			A1P12.40
	A1J12.40			A1J10.8
				P11-139 (S508-2)
	P11-205 (S508-10)			
From ID	A1J9.2	to	ID	BUS 8
From W1	P2-34 (UUT J2-34)	to	W1	P1A-5F
	J1A-5F			A1J14.18
	A1P14.18	to	ID	P13-89 (S202-18)
	P13-29 (S202-4)			A1P14.50
	A1J14.50			A1J10.50
				P11-244 (S510-2)
	P11-147 (S510-4)			
From ID	A1J9.31	to	ID	BUS 2
From W2	P2-3 (UUT J1-3)	to	W2	P1B-8F
From ID				A1J12.43
	A1P12.43			P12-64 (S202-37)
				,
From W2	P2-49 (UUT J1-49)	to	W2	P1B-6A
From ID	J2B-6A	to	ID	A1J12.21
From ID	A1P12.21	to	ID	P12-61 (S202-21)
Erom ID	P13-93 (S202-3)	+ ^	TD	A1P14.49
	A1J14.49			A1J10.48
	A1014.49 A1P10.48			P11-52 (S510-1)
	P11-147 (S510-4)			A1P9.31
From ID	A1J9.31	LO	ΤŊ	BUS 2
From W1	P2-2 (UUT J2-2)	to	W1	P1B-14D
From ID	J1B-14D	to	ID	A1J13.7
From ID	A1P13.7	to	ID	P12-4 (S701-3)

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From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1J10.3 to ID P11-194 (S506-1)
From ID A1P8.48 From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16	to ID A1J8.48 to ID P10-171 (S301-50) to ID A1P7.24 to ID A1J4.16 to ID R109.1 to ID A1P4.9 to +28V
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1J8.28 to ID P10-203 (S503-1)
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1J7.38 to ID P10-130 (S301-23)

Step 553

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34, J2.38, J2.9 and J2.8. Short pins J3.22, J2.40 and J2.39, J2.46, J2.12 and J2.50 to ground. The voltage measured at pin J3.3 should be less 0.9Vdc with respect to ground.

From W1 P2-8 (UUT J2-8)	to W1 P1A-5E
From ID J1A-5E	to ID A1J14.17
From ID A1P14.17	to ID P13-87 (S202-10)
From W1 P2-46 (UUT J2-46)	to W1 P1B-7B
From ID J1B-7B	to ID A1J12.8
From ID A1P12.8	to ID P12-50 (S201-30)
From W1 P2-12 (UUT J2-12)	to W1 P1B-8A
From ID J1B-8A	to ID A1J12.4

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From	ID	A1P12.4	to	ID	P12-18 (S201-22)
From	W1	P2-50 (UUT J2-50)	t.o	พ1	P1B-6A
		J1B-6A			A1J12.10
		A1P12.10			P12-83 (S201-32)
110111	דע	AII 12.10	20	דב	112 05 (5201 52)
From	W1	P2-9 (UUT J2-9)	to	W1	P1A-1A
From	ID	J1A-1A	to	ID	A1J14.1
From	ID	A1P14.1	to	ID	P13-47 (S201-9)
From	TD	P12-20 (S201-3)	tο	TD	A1P12.46
		A1J12.46			A1J10.2
		A1P10.2			P11-39 (S507-1)
		P11-72 (S507-4)			A1P9.27
		A1J9.27			BUS 2
110111	±Ъ	11100.27	20	בב	200 2
From	W1	P2-39 (UUT J2-39)	to	W1	P1A-1E
From	ID	J1A-1E	to	ID	A1J14.9
From	ID	A1P14.9	to	ID	P13-17 (S201-26)
From	W1	P3-22 (UUT J3-22)	to	W1	P1A-3E
		J1A-3E	to	ID	A1J14.13
From	ID	A1P14.13	to	ID	P13-19 (S201-34)
From	W1	P2-40 (UUT J2-40)	to	w1	P1A-1F
		J1A-1F			A1J14.11
		A1P14.11			P13-51 (S201-28)
110111	דע	AIIIIII	20	דב	113 31 (5201 20)
From	W1	P2-38 (UUT J2-38)	to	W1	P1B-8B
From	ID	J1B-8B	to	ID	A1J12.5
From	ID	A1P12.5	to	ID	P12-17 (S201-23)
From	ID	P12-20 (S201-3)	to	ID	A1P12.46
		A1J12.46	to	ID	A1J10.2
From	ID	A1P10.2			P11-39 (S507-1)
From	ID	P11-72 (S507-4)			A1P9.27
		A1J9.27			BUS 2
		P12-80 (S201-2)			A1P12.40
		A1J12.40			A1J10.8
		A1P10.8			P11-139 (S508-2)
		P11-205 (S508-10)			A1P9.2
From	ID	A1J9.2	to	ID	BUS 8
From	W1	P2-34 (UUT J2-34)	to	W1	P1A-5F
From	ID	J1A-5F	to	ID	A1J14.18
From	ID	A1P14.18	to	ID	P13-89 (S202-18)
From	ID	P13-29 (S202-4)	to	ID	A1P14.50
		A1J14.50			A1J10.50
		A1P10.50			P11-244 (S510-2)
		P11-147 (S510-4)			A1P9.31
		A1J9.31			BUS 2

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From W2 P2-3 (UUT J1-3)	to W2 P1B-8F
From ID J2B-8F	to ID A1J12.43
From ID A1P12.43	to ID P12-64 (S202-37)
	·
From W2 P2-49 (UUT J1-49)	to W2 P1B-6A
From ID J2B-6A	to ID A1J12.21
From ID A1P12.21	to ID P12-61 (S202-21)
110111111111111111111111111111111111111	00 15 112 01 (5202 21)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
FIOM ID AIO9.31	CO 1D BOS 2
From W1 P3-3 (UUT J3-3)	to W1 P1A-5B
From ID J1A-5B	to ID A1J15.8
From ID A1P15.8	to ID P13-42 (S701-23)
Error ID D12 76 (C701 1)	+
·	to ID A1P12.50
From ID AlJ12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
E TD. DUG. C	- TD 71 TO 40
From ID BUS 6	o ID AlJ8.48
From ID A1P8.48	to ID P10-171 (S301-50)
From ID P10-42 (S301-49)	to ID A1P7.24
From ID A1J7.24	to ID A1J4.16
From ID A1P4.16	to ID R109.1
From ID R109.2	to ID A1P4.9
From ID A1J4.9	to +28V
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	
	to ID A1P7.36
From ID A1J7.36	to ID A1P7.36 to GROUND

Step 554

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin

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J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34, J2.38, J2.9 and J2.8. Short pins J3.22, J2.40 and J2.39, J2.46, J2.12 and J2.50 to ground. The frequency at pin J2.14 should be between 0.5 and $8.5 \rm Hz$.

See "UUT	Power"			
From W1	P2-8 (UUT J2-8)	to	พ1	P1A-5E
From ID				A1J14.17
From ID				P13-87 (S202-10)
TIOM ID	A11 1 1 • 1 /	20	ΙD	113 07 (5202 10)
From W1	P2-46 (UUT J2-46)	to	W1	P1B-7B
From ID	J1B-7B	to	ID	A1J12.8
From ID	A1P12.8	to	ID	P12-50 (S201-30)
	P2-12 (UUT J2-12)			P1B-8A
From ID				A1J12.4
From ID	A1P12.4	to	ID	P12-18 (S201-22)
From W1	P2-50 (UUT J2-50)	to	W1	P1B-6A
From ID				A1J12.10
From ID				P12-83 (S201-32)
TIOM ID	A11 12 · 10	20	ΙD	112 05 (5201 52)
From W1	P2-9 (UUT J2-9)	to	W1	P1A-1A
From ID	J1A-1A	to	ID	A1J14.1
From ID	A1P14.1	to	ID	P13-47 (S201-9)
Erom ID	P12-20 (S201-3)	+0	TD	A1P12.46
From ID				A1J10.2
From ID				P11-39 (S507-1)
	P11-72 (S507-4)			A1P9.27
From ID	A109.27	to	TD	BUS 2
From W1	P2-39 (UUT J2-39)	to	W1	P1A-1E
From ID	J1A-1E	to	ID	A1J14.9
From ID	A1P14.9	to	ID	P13-17 (S201-26)
	D2 00 (IIII T2 00)		1	D13 20
	P3-22 (UUT J3-22)			P1A-3E
From ID				A1J14.13
From ID	A1P14.13	to	ID	P13-19 (S201-34)
From W1	P2-40 (UUT J2-40)	to	W1	P1A-1F
From ID	· · · · · · · · · · · · · · · · · · ·	to	ID	A1J14.11
From ID				P13-51 (S201-28)
	P2-38 (UUT J2-38)			P1B-8B
From ID				A1J12.5
From ID .	A1P12.5	to	ID	P12-17 (S201-23)
From ID	P12-20 (S201-3)	to	TD	A1P12.46
From ID				A1J10.2
From ID				P11-39 (S507-1)
	P11-72 (S507-4)			A1P9.27
בבטווו בט	111 /2 (DJU/ 1)	20	±1	1111 / 6 4 /

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From ID A1J9.27	to ID BUS 2
Erom ID D12 90 (C201 2)	to ID A1P12.40
From ID P12-80 (S201-2)	
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1910.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID Alp9.31
From ID A1J9.31	to ID BUS 2
From W2 P2-3 (UUT J1-3)	to W2 P1B-8F
From ID J2B-8F	to ID A1J12.43
From ID A1P12.43	to ID P12-64 (S202-37)
From W2 P2-49 (UUT J1-49)	to W2 P1B-6A
From ID J2B-6A	to ID A1J12.21
From ID AlP12.21	to ID P12-61 (S202-21)
F	TD 31D14 40
From ID P13-93 (S202-3)	to ID A1P14.49
From ID AlJ14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P2-14 (UUT J2-14)	to W1 P1A-3A
From ID J1A-3A	to ID A1J15.1
From ID A1P15.1	to ID P13-39 (S701-7)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID AlJ12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6	to ID AlJ8.48
From ID A1P8.48	to ID P10-171 (S301-50)
From ID P10-42 (S301-49)	to ID A1P7.24
From ID A1J7.24	to ID A1J4.16
From ID A1P4.16	to ID R109.1
From ID R109.2	to ID A1P4.9
From ID A1J4.9	to +28V
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1012.30 From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	CO ID AIP3.23

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From ID AlJ9.23 to ID BUS 1
From ID P19-18 (CT-IN1) to ID AlP21.1
From ID AlJ21.1 to ID AlJ6.8
From ID AlP6.8 to ID P10-162 (S501-2)
From ID P10-164 (S501-3) to ID AlP7.29
From ID AlJ7.29 to ID BUS 1

Step 555

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34, J2.38, J2.9 and J2.8. Short pins J3.22, J2.40, J2.39, J2.46, J2.12 and J2.50 to ground. The frequency at pin J2.3 should be between 0.5 and 8.5Hz.

From W1 P2-8 (UUT J2-8) From ID J1A-5E From ID A1P14.17 From W1 P2-46 (UUT J2-46) From ID J1B-7B From ID A1P12.8	to W1 P1A-5E to ID A1J14.17 to ID P13-87 (S202-10) to W1 P1B-7B to ID A1J12.8 to ID P12-50 (S201-30)
From W1 P2-12 (UUT J2-12) From ID J1B-8A From ID A1P12.4	to W1 P1B-8A to ID A1J12.4 to ID P12-18 (S201-22)
From W1 P2-50 (UUT J2-50) From ID J1B-6A From ID A1P12.10	to W1 P1B-6A to ID A1J12.10 to ID P12-83 (S201-32)
From W1 P2-9 (UUT J2-9) From ID J1A-1A From ID A1P14.1	to W1 P1A-1A to ID A1J14.1 to ID P13-47 (S201-9)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40) From ID J1A-1F	to W1 P1A-1F to ID A1J14.11

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From ID A1P14.11	to ID P13-51 (S201-28)
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)
FIOM ID AIPIZ.5	CO ID PIZ-I/ (SZUI-Z3)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	
From ID A1J9.2	to ID BUS 8
From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID AlJ14.18
From ID A1P14.18	to ID P13-89 (S202-18)
110 13 11111110	
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W2 P2-3 (UUT J1-3)	to W2 P1B-8F
From ID J2B-8F	to ID AlJ12.43
From ID 02B-0F From ID A1P12.43	to ID P12-64 (S202-37)
FIOM ID AIF12.45	CO ID FIZ-04 (5202-57)
From W2 P2-49 (UUT J1-49)	to W2 P1B-6A
From ID J2B-6A	to ID A1J12.21
From ID A1P12.21	to ID P12-61 (S202-21)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID AlJ10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From ID A109.31	to ID BUS 2
From W1 P2-3 (UUT J2-3)	to W1 P1B-14E
From ID J1B-14E	to ID A1J13.9
From ID A1P13.9	to ID P12-36 (S701-5)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID AlJ12.50	to ID A1J10.3
From ID A1012.50 From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	
From ID AlJ9.30	to ID A1P9.30 to ID BUS 6
FIOM ID AID9.30	ס מטם עד טט
From ID BUS 6	to ID A1J8.48
From ID A1P8.48	to ID P10-171 (S301-50)

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From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16 From ID R109.2 From ID A1J4.9	to ID A1P7.24 to ID A1J4.16 to ID R109.1 to ID A1P4.9 to +28V
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P19-18 (CT-IN1) From ID A1J21.1 From ID A1P6.8 From ID P10-164 (S501-3) From ID A1J7.29	to ID A1P21.1 to ID A1J6.8 to ID P10-162 (S501-2) to ID A1P7.29 to ID BUS 1

Step 556

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34, J2.38, J2.9 and J2.8. Short pins J3.22, J2.40 and J2.39, J2.46, J2.12 and J2.50 to ground. The frequency at pin J2.49 should be between 0.5 and 8.5Hz.

From W1 P2-8 (UUT J2-8) From ID J1A-5E From ID A1P14.17	to W1 P1A-5E to ID A1J14.17 to ID P13-87 (S202-10)
From W1 P2-46 (UUT J2-46) From ID J1B-7B From ID A1P12.8	to W1 P1B-7B to ID A1J12.8 to ID P12-50 (S201-30)
From W1 P2-12 (UUT J2-12) From ID J1B-8A From ID A1P12.4	to W1 P1B-8A to ID A1J12.4 to ID P12-18 (S201-22)
From W1 P2-50 (UUT J2-50) From ID J1B-6A From ID A1P12.10	to W1 P1B-6A to ID A1J12.10 to ID P12-83 (S201-32)
From W1 P2-9 (UUT J2-9) From ID J1A-1A From ID A1P14.1	to W1 P1A-1A to ID A1J14.1 to ID P13-47 (S201-9)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4)	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27

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From II	A1J9.27	to	ID	BUS 2
From W1	. P2-39 (UUT J2-39)	to	W1	P1A-1E
	J1A-1E	to	ID	A1J14.9
	A1P14.9			P13-17 (S201-26)
				,
From W1	. P3-22 (UUT J3-22)	to	W1	P1A-3E
From II	J1A-3E	to	ID	A1J14.13
From II	A1P14.13	to	ID	P13-19 (S201-34)
	DO 40 (77777 TO 40)			D12 15
	P2-40 (UUT J2-40)			P1A-1F A1J14.11
) J1A-1F) A1P14.11			
FIOIII IL	AIPI4.II	LO	ΤD	P13-51 (S201-28)
From W1	P2-38 (UUT J2-38)	to	W1	P1B-8B
From II	J1B-8B	to	ID	A1J12.5
From II	A1P12.5	to	ID	P12-17 (S201-23)
	P12-20 (S201-3)			A1P12.46
	A1J12.46			A1J10.2
	A1P10.2			P11-39 (S507-1)
	P11-72 (S507-4)			A1P9.27
From II	A1J9.27	to	ID	BUS 2
From ID	P12-80 (S201-2)	to	ID	A1P12.40
	A1J12.40			A1J10.8
	A1P10.8			P11-139 (S508-2)
From II	P11-205 (S508-10)			A1P9.2
From II	A1J9.2	to	ID	BUS 8
Exam W1	. P2-34 (UUT J2-34)	+ 0	Ta7 1	P1A-5F
) J1A-5F			A1J14.18
	A1P14.18			P13-89 (S202-18)
riom il	AIFI4.10	CO	ΙD	113 07 (5202 10)
From II	P13-29 (S202-4)	to	ID	A1P14.50
From II	A1J14.50	to	ID	A1J10.50
	A1P10.50			P11-244 (S510-2)
	P11-147 (S510-4)			A1P9.31
From II	A1J9.31	to	ID	BUS 2
From M2	P2-3 (UUT J1-3)	t o	พว	P1B-8F
) J2B-8F			A1J12.43
_	A1P12.43			P12-64 (S202-37)
110 12				
	P2-49 (UUT J1-49)			P1B-6A
_	J2B-6A			A1J12.21
From II	A1P12.21	to	ID	P12-61 (S202-21)
From Tr	P13-93 (S202-3)	t.o	ΙD	A1P14.49
	A1J14.49			A1J10.48
	A1P10.48			P11-52 (S510-1)
	P11-147 (S510-4)			A1P9.31
	AlJ9.31			BUS 2

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From W1 P2-49 (UUT J2-49) From ID J1A-4B From ID A1P15.5	to W1 P1B-4B to ID A1J15.5 to ID P13-72 (S701-15)
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.30 to ID BUS 6
From ID BUS 6 From ID A1P8.48 From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16 From ID R109.2 From ID A1J4.9	to ID A1J8.48 to ID P10-171 (S301-50) to ID A1P7.24 to ID A1J4.16 to ID R109.1 to ID A1P4.9 to +28V
	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P19-18 (CT-IN1) From ID A1J21.1 From ID A1P6.8 From ID P10-164 (S501-3) From ID A1J7.29	to ID A1P21.1 to ID A1J6.8 to ID P10-162 (S501-2) to ID A1P7.29 to ID BUS 1

Step 557

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34, J2.38, J2.9 and J2.8. Short pins J3.22, J2.40 and J2.39, J2.46, J2.12 and J2.50 to ground. The voltage measured at pin J2.37 should be less 0.9Vdc with respect to ground.

From W1 P2-8 (UUT J2-8) From ID J1A-5E From ID A1P14.17	to W1 P1A-5E to ID A1J14.17 to ID P13-87 (S202-10)
From W1 P2-46 (UUT J2-46) From ID J1B-7B From ID A1P12.8	to W1 P1B-7B to ID A1J12.8 to ID P12-50 (S201-30)
From W1 P2-12 (UUT J2-12) From ID J1B-8A From ID A1P12.4	to W1 P1B-8A to ID A1J12.4 to ID P12-18 (S201-22)

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From	W1	P2-50 (UUT J2-50)	to	W1	P1B-6A
		J1B-6A			A1J12.10
		A1P12.10	to	ID	P12-83 (S201-32)
					, ,
From	W1	P2-9 (UUT J2-9)	to	W1	P1A-1A
		J1A-1A	to	ID	A1J14.1
		A1P14.1			P13-47 (S201-9)
					(,
From	ID	P12-20 (S201-3)	to	ID	A1P12.46
		A1J12.46	to	ID	A1J10.2
From	ID	A1P10.2	to	ID	P11-39 (S507-1)
From	ID	P11-72 (S507-4)			A1P9.27
From	ID	A1J9.27	to	ID	BUS 2
From	W1	P2-39 (UUT J2-39)	to	W1	P1A-1E
From	ID	J1A-1E	to	ID	A1J14.9
From	ID	A1P14.9	to	ID	P13-17 (S201-26)
From	W1	P3-22 (UUT J3-22)	to	W1	P1A-3E
From	ID	J1A-3E	to	ID	A1J14.13
From	ID	A1P14.13	to	ID	P13-19 (S201-34)
From	W1	P2-40 (UUT J2-40)	to	W1	P1A-1F
From	ID	J1A-1F	to	ID	A1J14.11
From	ID	A1P14.11	to	ID	P13-51 (S201-28)
From	W1	P2-38 (UUT J2-38)	to	W1	P1B-8B
From	ID	J1B-8B	to	ID	A1J12.5
From	ID	A1P12.5	to	ID	P12-17 (S201-23)
From	ID	P12-20 (S201-3)	to	ID	A1P12.46
From	ID	A1J12.46	to	ID	A1J10.2
		A1P10.2			P11-39 (S507-1)
From	ID	P11-72 (S507-4)	to	ID	A1P9.27
From	ID	A1J9.27	to	ID	BUS 2
From	ID	P12-80 (S201-2)	to	ID	A1P12.40
		A1J12.40			A1J10.8
		A1P10.8			P11-139 (S508-2)
		P11-205 (S508-10)			A1P9.2
From	ID	A1J9.2	to	ID	BUS 8
		P2-34 (UUT J2-34)			P1A-5F
		J1A-5F			A1J14.18
From	ID	A1P14.18	to	ID	P13-89 (S202-18)
		P13-29 (S202-4)			A1P14.50
		A1J14.50			A1J10.50
		A1P10.50			P11-244 (S510-2)
		P11-147 (S510-4)			A1P9.31
From	ID	A1J9.31	to	ID	BUS 2
_		-0.0 (5.0)			-1- 0-
		P2-3 (UUT J1-3)			P1B-8F
F'rom	ΙD	J2B-8F	to	ΙD	A1J12.43

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From ID A1P12.43	to ID P12-64 (S202-37)
From W2 P2-49 (UUT J1-49)	+0 W2 D1D 67
From ID J2B-6A	to ID A1J12.21
From ID AlP12.21	to ID P12-61 (S202-21)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	
From ID AlJ9.31	to ID BUS 2
FION ID A109.31	CO 1D B03 2
From W1 P2-37 (UUT J2-37)	to W1 P1B-14F
From ID J1B-14F	to ID A1J13.11
From ID A1P13.11	to ID P12-38 (S701-11)
	,
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
110 12 11107.30	66 12 265 6
From ID BUS 6	to ID A1J8.48
From ID A1P8.48	to ID P10-171 (S301-50)
From ID P10-42 (S301-49)	to ID A1P7.24
From ID A1J7.24	to ID A1J4.16
From ID A1P4.16	to ID R109.1
From ID R109.2	to ID A1P4.9
From ID AlJ4.9	to +28V
TIOM ID AIO 1.5	20 120V
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID AlJ9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
F	- TD 31D15 50
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 558

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J1.49, J2.34, J2.38, J2.9 and J2.8. Short pins J3.22, J2.40 and J2.39,

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J2.46, J2.12 and J2.50 to ground. The voltage measured at pin J2.2 should be less 0.9Vdc with respect to ground.

From	W1	P2-8 (UUT J2-8)	to	W1	P1A-5E
From	ID	J1A-5E	to	ID	A1J14.17
From	ID	A1P14.17	to	ID	P13-87 (S202-10)
From	W1	P2-46 (UUT J2-46)	to	W1	P1B-7B
		J1B-7B	to	ID	A1J12.8
		A1P12.8			P12-50 (S201-30)
					,
From	W1	P2-12 (UUT J2-12)	t.o	พ1	P1B-8A
		J1B-8A			A1J12.4
		A1P12.4			P12-18 (S201-22)
rrom	עד	AIF 12. T	CO	עב	112 10 (5201 22)
Erom	TAT 1	P2-50 (UUT J2-50)	+ 0	TAT 1	P1B-6A
		J1B-6A			A1J12.10
From	TD	A1P12.10	to	TD	P12-83 (S201-32)
П	T.7 T	D2 0 (IIIIII T2 0)		T.T 1	ת 1 ת 1 ת
		P2-9 (UUT J2-9)			P1A-1A
		J1A-1A			A1J14.1
From	TD	A1P14.1	to	TD	P13-47 (S201-9)
_		-10 00 (5001 0)			-1-10 46
		P12-20 (S201-3)			A1P12.46
		A1J12.46			A1J10.2
		A1P10.2			P11-39 (S507-1)
From	ID	P11-72 (S507-4)	to	ID	A1P9.27
${\tt From}$	ID	A1J9.27	to	ID	BUS 2
${\tt From}$	W1	P2-39 (UUT J2-39)	to	W1	P1A-1E
From	ID	J1A-1E	to	ID	A1J14.9
From	ID	A1P14.9	to	ID	P13-17 (S201-26)
From	W1	P3-22 (UUT J3-22)	to	W1	P1A-3E
		J1A-3E	to	ID	A1J14.13
		A1P14.13			P13-19 (S201-34)
					110 19 (8101 81)
From	พ 1	P2-40 (UUT J2-40)	tο	₩1	P1A-1F
		J1A-1F			A1J14.11
		A1P14.11			P13-51 (S201-28)
I I Olli	דט	AIFI4.II	CO	עב	F13-31 (3201-20)
Exam	TAT 1	D2 30 /IIIm T2 30)	+ 0	TAT 1	D1D 0D
		P2-38 (UUT J2-38)			P1B-8B
_		J1B-8B			A1J12.5
From	TD	A1P12.5	to	TD	P12-17 (S201-23)
_		710 00 (7001 3)			71710 46
		P12-20 (S201-3)			A1P12.46
		A1J12.46			A1J10.2
		A1P10.2			P11-39 (S507-1)
From	ID	P11-72 (S507-4)			A1P9.27
${\tt From}$	ID	A1J9.27	to	ID	BUS 2

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From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1J10.8 to ID P11-139 (S508-2)
From W1 P2-34 (UUT J2-34) From ID J1A-5F From ID A1P14.18	to W1 P1A-5F to ID A1J14.18 to ID P13-89 (S202-18)
From ID P13-29 (S202-4) From ID A1J14.50 From ID A1P10.50 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.50 to ID A1J10.50 to ID P11-244 (S510-2) to ID A1P9.31 to ID BUS 2
From W2 P2-3 (UUT J1-3) From ID J2B-8F From ID A1P12.43	to W2 P1B-8F to ID A1J12.43 to ID P12-64 (S202-37)
From W2 P2-49 (UUT J1-49) From ID J2B-6A From ID A1P12.21	to W2 P1B-6A to ID A1J12.21 to ID P12-61 (S202-21)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P2-2 (UUT J2-2) From ID J1B-14D From ID A1P13.7	to W1 P1B-14D to ID A1J13.7 to ID P12-4 (S701-3)
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.30 to ID BUS 6
From ID BUS 6 From ID A1P8.48 From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16 From ID R109.2 From ID A1J4.9	to ID AlJ8.48 to ID P10-171 (S301-50) to ID AlP7.24 to ID AlJ4.16 to ID R109.1 to ID AlP4.9 to +28V
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1

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From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 559

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J1.49, J2.38, J2.9 and J2.8. Short pins J3.22, J2.40 and J2.39, J2.46, J2.12 and J2.50 to ground. The voltage measured at pin J1.63 should be greater than 27.2Vdc with respect to ground.

From W1 P2-8 (UUT J2-8) From ID J1A-5E From ID A1P14.17	to W1 P1A-5E to ID A1J14.17 to ID P13-87 (S202-10)
From W1 P2-46 (UUT J2-46) From ID J1B-7B From ID A1P12.8	to W1 P1B-7B to ID A1J12.8 to ID P12-50 (S201-30)
From W1 P2-12 (UUT J2-12) From ID J1B-8A From ID A1P12.4	to W1 P1B-8A to ID A1J12.4 to ID P12-18 (S201-22)
From W1 P2-50 (UUT J2-50) From ID J1B-6A From ID A1P12.10	to W1 P1B-6A to ID A1J12.10 to ID P12-83 (S201-32)
From W1 P2-9 (UUT J2-9) From ID J1A-1A From ID A1P14.1	to W1 P1A-1A to ID A1J14.1 to ID P13-47 (S201-9)
From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)

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From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
D 140 D0 2 /111111 T1 2\	L- WO D1D OF
From W2 P2-3 (UUT J1-3)	to W2 P1B-8F
From ID J2B-8F	to ID A1J12.43
From ID A1P12.43	to ID P12-64 (S202-37)
From W2 P2-49 (UUT J1-49)	to W2 P1B-6A
From ID J2B-6A	to ID AlJ12.21
From ID A1P12.21	to ID P12-61 (S202-21)
FION ID AIPIZ.ZI	CO 1D P12-01 (S202-21)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID AlJ10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
110 12 11107.31	00 10 000 2
From W2 P2-63 (UUT J1-63)	to W2 P1B-5F
From ID J2B-5F	to ID A1J12.49
From ID A1P12.49	to ID P12-30 (S202-40)
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-144 (S509-8)	to ID A1P9.26
From ID A1J9.26	to ID BUS 6
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID A1J7.26	to ID A1J4.18
From ID A1P4.18	to ID R108.1

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From ID R108.2	to ID A1P4.10
From ID A1J4.10	to GROUND
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 560

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J1.49, J2.38, J2.9 and J2.8. Short pins J3.22, J2.40 and J2.39, J2.46, J2.12 and J2.50 to ground. The voltage measured at pin J1.9 should be greater than 27.2Vdc with respect to ground.

From W1 P2-8 (UUT J2-8) From ID J1A-5E From ID A1P14.17	to W1 P1A-5E to ID A1J14.17 to ID P13-87 (S202-10)
From W1 P2-46 (UUT J2-46)	to W1 P1B-7B
From ID J1B-7B	to ID A1J12.8
From ID A1P12.8	to ID P12-50 (S201-30)
From W1 P2-12 (UUT J2-12)	to W1 P1B-8A
From ID J1B-8A	to ID A1J12.4
From ID A1P12.4	to ID P12-18 (S201-22)
From W1 P2-50 (UUT J2-50)	to W1 P1B-6A
From ID J1B-6A	to ID A1J12.10
From ID A1P12.10	to ID P12-83 (S201-32)
From W1 P2-9 (UUT J2-9) From ID J1A-1A From ID A1P14.1	to W1 P1A-1A to ID A1J14.1 to ID P13-47 (S201-9)

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From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From W1 P3-22 (UUT J3-22) From ID J1A-3E From ID A1P14.13	to W1 P1A-3E to ID A1J14.13 to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40) From ID J1A-1F From ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From W1 P2-38 (UUT J2-38) From ID J1B-8B From ID A1P12.5 From ID P12-20 (S201-3) From ID A1J12.46 From ID A1P10.2 From ID P11-72 (S507-4) From ID A1J9.27	to W1 P1B-8B to ID A1J12.5 to ID P12-17 (S201-23) to ID A1P12.46 to ID A1J10.2 to ID P11-39 (S507-1) to ID A1P9.27 to ID BUS 2
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W2 P2-3 (UUT J1-3) From ID J2B-8F From ID A1P12.43	to W2 P1B-8F to ID A1J12.43 to ID P12-64 (S202-37)
From W2 P2-49 (UUT J1-49) From ID J2B-6A From ID A1P12.21	to W2 P1B-6A to ID A1J12.21 to ID P12-61 (S202-21)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W2 P2-9 (UUT J1-9) From ID J2B-10B From ID A1P13.33	to W2 P1B-10B to ID A1J13.33 to ID P12-10 (S701-45)
From ID P12-76 (S701-1) From ID A1J12.50	to ID A1P12.50 to ID A1J10.3

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From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID P11-194 (S506-1) to ID A1P9.30 to ID BUS 6
From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID A1P10.3	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID AlJ15.49	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID A1J15.50	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 561

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J2.38, J2.9 and J2.8. Short pins J3.22, J2.40 and J2.39, J2.46, J2.12, and J2.50 to ground. The voltage measured at pin J1.63 should be greater than 27.2Vdc with respect to ground.

From W1 P2-8 (UUT J2-8)	to W1 P1A-5E
From ID J1A-5E	to ID A1J14.17
From ID A1P14.17	to ID P13-87 (S202-10)
From W1 P2-46 (UUT J2-46)	to W1 P1B-7B
From ID J1B-7B	to ID A1J12.8
From ID A1P12.8	to ID P12-50 (S201-30)
From W1 P2-12 (UUT J2-12)	to W1 P1B-8A
From ID J1B-8A	to ID A1J12.4
From ID A1P12.4	to ID P12-18 (S201-22)

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From W1 P2-50 (UUT J2-50)	to W1 P1B-6A
From ID J1B-6A	to ID A1J12.10
From ID A1P12.10	to ID P12-83 (S201-32)
From W1 P2-9 (UUT J2-9)	to W1 P1A-1A
From ID J1A-1A	to ID A1J14.1
From ID A1P14.1	to ID P13-47 (S201-9)
11011111111	60 15 113 17 (5201 5)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1P10.2	to ID P11-39 (S507-1)
	to ID A1P9.27
· · · · · · · · · · · · · · · · · · ·	
From ID A1J9.27	to ID BUS 2
Erom W1 D2 20 (IIII T2 20)	+
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
D 1/1 D2 00 (1111 T2 00)	+- 1:11 D17 2D
From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID AlP14.13	to ID P13-19 (S201-34)
From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID AlP14.11	to ID P13-51 (S201-28)
	1- 0-
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)
From ID P12-20 (S201-3)	to ID A1P12.46
From ID A1J12.46	to ID A1J10.2
From ID A1012.40 From ID A1P10.2	
	to ID P11-39 (S507-1)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From ID P12-80 (S201-2)	to ID A1P12.40
From ID AlJ12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
Errom MO DO 2 (IIIIII T1 2)	+- NO D1D OF
From W2 P2-3 (UUT J1-3)	to W2 P1B-8F
From ID J2B-8F	to ID A1J12.43
From ID A1P12.43	to ID P12-64 (S202-37)
Eron W2 D2 62 (IIII T1 62)	to W2 P1B-5F
From W2 P2-63 (UUT J1-63)	
From ID J2B-5F	to ID A1J12.49
From ID A1P12.49	to ID P12-30 (S202-40)
From ID P12-90 (S202-2)	to ID AlP12.36
From ID A1J12.36	to ID A1J10.12
From ID A1012.30 From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-144 (S509-8)	to ID A1P9.26

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From ID	A1J9.26	to	ID	BUS 6	
From ID From ID From ID From ID	A1P8.50 P10-9 (S301-53) A1J7.26 A1P4.18	to to to to	ID ID ID ID		(S301-54)
From ID From ID From ID		to to to	ID ID ID	A1J10.12 P11-242	
From ID From ID From ID	A1P8.28	to to to	ID ID ID	A1J8.28	(S503-1)
From ID From ID From ID	A1J15.50	to to to	ID ID ID		(S301-23)

Step 562

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J2.31, J3.2 and J3.8. The voltage measured at pin J1.63 should be greater than 27.2Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

From W1 P2-31 (UUT J2-31) From ID J1A-2C From ID A1P14.6	to W1 P1A-2C to ID A1J14.6 to ID P13-15 (S201-19)
From W1 P3-2 (UUT J3-2) From ID J1A-2F From ID A1P14.12	to W1 P1A-2F to ID A1J14.12 to ID P13-52 (S201-33)
From W1 P3-8 (UUT J3-8) From ID J1A-2D From ID A1P14.9	to W1 P1A-2D to ID A1J14.8 to ID P13-50 (S201-25)
From W2 P2-63 (UUT J1-63)	to W2 P1B-5F

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From ID J2B-5F	to ID A1J12.49
From ID A1P12.49	to ID P12-30 (S202-40)
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-144 (S509-8)	to ID A1P9.26
From ID A1J9.26	to ID BUS 6
From ID BUS 6 From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID R108.2 From ID A1J4.10	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19 From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1 to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 563

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J2.31, J3.2 and J3.8. The voltage measured at pin J2.65 should be greater than 27.2Vdc with respect to ground.

From W1 P2-31 (UUT J2-31) From ID J1A-2C From ID A1P14.6	to W1 P1A-2C to ID A1J14.6 to ID P13-15 (S201-19)
From W1 P3-2 (UUT J3-2)	to W1 P1A-2F
From ID J1A-2F	to ID A1J14.12
From ID A1P14.12	to ID P13-52 (S201-33)

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From W1 P3-8 (UUT J3-8)	to W1 P1A-2D
From ID J1A-2D	to ID A1J14.8
From ID A1P14.9	to ID P13-50 (S201-25)
From W1 P2-65 (UUT J2-65)	to W1 P1A-7A
From ID J1A-7A	to ID A1J15.13
From ID A1P15.13	to ID P13-45 (S701-39)
	,
From ID P12-76 (S701-1)	to ID A1P12.50
From ID AlJ12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID AlJ9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID AlJ7.26	to ID AlJ4.18
From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
From ID AlJ4.10	to GROUND
TIOM ID ALOI.IU	CO GROOND
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	
From ID A1J9.23	to ID BUS 1
110111107.23	20 12 205 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
110111 12 11100:13	60 10 000 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID AlJ15.50	to ID A1J7.38
From ID A197.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 564

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J2.31, J3.2 and J3.8. The voltage measured at pin J2.25 should be greater than 27.2Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W1 P2-31 (UUT J2-31) to W1 P1A-2C From ID J1A-2C to ID AlJ14.6

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From ID A1P14.6	to ID P13-15 (S201-19)
From W1 P3-2 (UUT J3-2)	to W1 P1A-2F
From ID J1A-2F	to ID A1J14.12
From ID A1P14.12	to ID P13-52 (S201-33)
110111 11 11111	CC 1D 113 32 (B201 33)
From W1 P3-8 (UUT J3-8)	to W1 P1A-2D
From ID J1A-2D	to ID A1J14.8
From ID A1P14.9	to ID P13-50 (S201-25)
	,
From W1 P2-25 (UUT J2-25)	to W1 P1A-5C
From ID J1A-5C	to ID A1J15.9
From ID A1P15.9	to ID P13-75 (S701-31)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID A1J7.26	to ID A1J4.18
From ID A1P4.18	to ID R108.1
	to ID A1P4.10
From ID A1J4.10	to GROUND
110 12 1120 1710	
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID AlJ9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID AlJ7.36	to GROUND

Step 565

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2 and J3.8. The voltage measured at pin J1.63 should be greater than 27.2Vdc with respect to ground.

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Connection Path is as follows: See "UUT Power"

From W1 P3-2 (UUT J3-2)	to W1 P1A-2F
From ID J1A-2F	to ID A1J14.12
From ID A1P14.12	to ID P13-52 (S201-33)
From W1 P3-8 (UUT J3-8)	to W1 P1A-2D
From ID J1A-2D	to ID A1J14.8
From ID A1P14.9	to ID P13-50 (S201-25)
From W2 P2-63 (UUT J1-63)	to W2 P1B-5F
From ID J2B-5F	to ID A1J12.49
From ID A1P12.49	to ID P12-30 (S202-40)
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-144 (S509-8)	to ID A1P9.26
From ID A1J9.26	to ID BUS 6
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID A1J7.26	to ID A1J4.18
From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
From ID A1J4.10	to GROUND
10 00 (2000 0)	1-10 06
` '	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-18 (S509-3)	to ID A1P9.19
From ID A1J9.19	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1013.49	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
FIOM ID ALOU.13	CO 1D BOS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 566

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2 and J3.8. The

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voltage measured at pin J2.65 should be greater than 27.2Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W1 P3-2 (UUT J3-2) to W1 P1A-2F to ID A1J14.12 from ID A1P14.12 to ID P13-52 (S201-33)

to W1 P1A-2D From W1 P3-8 (UUT J3-8) to W1 P1A-2D From ID J1A-2D to ID A1J14.8 From ID A1P14.9 to ID P13-50 (S201-25)

From W1 P2-65 (UUT J2-65) to W1 P1A-7A to ID A1J15.13 from ID A1P15.13 to ID P13-45 (S701-39)

From ID P12-76 (S701-1) to ID A1P12.50 From ID A1J12.50 to ID A1J10.3 From ID A1P10.3 to ID P11-194 (S506-1) From ID P11-129 (S506-8) to ID A1P9.30 From ID A1J9.30 to ID BUS 6

From ID A1J9.30 to ID BUS 6

From ID BUS 6 to ID A1J8.50 From ID A1P8.50 to ID P10-138 (S301-54) From ID P10-9 (S301-53) to ID A1P7.26 From ID A1J7.26 to ID A1J4.18 From ID A1P4.18 to ID R108.1 From ID R108.2 to ID A1P4.10 From ID A1J4.10 to GROUND

From ID P12-76 (S701-1) to ID A1P12.50 from ID A1J12.50 to ID A1J10.3 from ID A1P10.3 to ID P11-194 (S506-1) from ID P11-164 (S506-3) to ID A1P9.23 from ID A1J9.23 to ID BUS 1

From ID A1J9.23 to ID BUS 1

From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50 from ID A1J15.50 to ID A1J7.38 from ID A1P7.38 to ID P10-130 (S301-23) from ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND

Step 567

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin

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J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2 and J3.8. The voltage measured at pin J2.25 should be greater than 27.2Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W1 P3-2 (UUT J3-2)	to W1 P1A-2F
From ID J1A-2F	to ID A1J14.12
From ID A1P14.12	to ID P13-52 (S201-33)
From W1 P3-8 (UUT J3-8)	to W1 P1A-2D
From ID J1A-2D	to ID A1J14.8
From ID A1P14.9	to ID P13-50 (S201-25)
	,
From W1 P2-25 (UUT J2-25)	to W1 P1A-5C
From ID J1A-5C	to ID A1J15.9
From ID A1P15.9	to ID P13-75 (S701-31)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID A1J7.26	to ID A1J4.18
From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
From ID AlJ4.10	to GROUND
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID AlJ9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID AlJ7.36	to GROUND

Step 568

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Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J3.8, J2.29 J2.22 and J2.47. The voltage measured at pin J1.63 should be greater than 27.2Vdc with respect to ground.

From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
110 12 1111 1110	
From W1 P2-22 (UUT J2-22)	to W1 P1A-1B
From ID J1A-1B	to ID AlJ14.3
From ID A1P14.3	to ID P13-80 (S201-11)
From W1 P2-47 (UUT J2-47)	to W1 P1A-3F
From ID J1A-3F	to ID A1J14.14
From ID AlP14.14	to ID P13-18 (S201-35)
From W1 P3-2 (UUT J3-2)	to W1 P1A-2F
From ID J1A-2F	to ID A1J14.12
From ID A1P14.12	to ID P13-52 (S201-33)
From W1 P3-8 (UUT J3-8)	to W1 P1A-2D
From ID J1A-2D	to ID A1J14.8
From ID A1P14.9	to ID P13-50 (S201-25)
From W2 P2-63 (UUT J1-63)	to W2 P1B-5F
From ID J2B-5F	to ID A1J12.49
From ID A1P12.49	to ID P12-30 (S202-40)
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-144 (S509-8)	to ID A1P9.26
From ID A1J9.26	to ID BUS 6
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID A1J7.26	to ID A1J4.18
From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
From ID AlJ4.10	to GROUND
From ID P12-90 (S202-2)	to ID A1P12.36
From ID AlJ12.36	to ID A1J10.12
From ID A1910.12	to ID P11-242 (S509-2)
From ID P11-18 (S509-3)	to ID A1P9.19
From ID A1J9.19	to ID BUS 1
TIOM ID MION.IN	CO TO DOD T

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From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P7.36 to GROUND

Step 569

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J3.8, J2.29 J2.22 and J2.47. The voltage measured at pin J2.65 should be greater than 27.2Vdc with respect to ground.

From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From W1 P2-22 (UUT J2-22) From ID J1A-1B From ID A1P14.3	to W1 P1A-1B to ID A1J14.3 to ID P13-80 (S201-11)
From W1 P2-47 (UUT J2-47) From ID J1A-3F From ID A1P14.14	to W1 P1A-3F to ID A1J14.14 to ID P13-18 (S201-35)
From W1 P3-2 (UUT J3-2) From ID J1A-2F From ID A1P14.12	to W1 P1A-2F to ID A1J14.12 to ID P13-52 (S201-33)
From W1 P3-8 (UUT J3-8) From ID J1A-2D From ID A1P14.9	to W1 P1A-2D to ID A1J14.8 to ID P13-50 (S201-25)
From W1 P2-65 (UUT J2-65) From ID J1A-7A From ID A1P15.13	to W1 P1A-7A to ID A1J15.13 to ID P13-45 (S701-39)
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1J10.3 to ID P11-194 (S506-1)

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From ID BUS 6 From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID R108.2 From ID A1J4.10	to ID AlJ8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID AlJ4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1J10.3 to ID P11-194 (S506-1)
	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1J7.38 to ID P10-130 (S301-23)

Step 570

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J3.8, J2.29 J2.22 and J2.47. The voltage measured at pin J3.1 should be greater than 27.2Vdc with respect to ground.

From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
From W1 P2-22 (UUT J2-22)	to W1 P1A-1B
From ID J1A-1B	to ID A1J14.3
From ID A1P14.3	to ID P13-80 (S201-11)
From W1 P2-47 (UUT J2-47)	to W1 P1A-3F
From W1 P2-47 (UUT J2-47) From ID J1A-3F	to Wl PlA-3F to ID AlJ14.14
	** "
From ID J1A-3F	to ID A1J14.14
From ID J1A-3F	to ID A1J14.14
From ID J1A-3F From ID A1P14.14	to ID AlJ14.14 to ID P13-18 (S201-35)

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From W1 P3-8 (UUT J3-8) From ID J1A-2D From ID A1P14.9	to W1 P1A-2D to ID A1J14.8 to ID P13-50 (S201-25)
From W1 P3-1 (UUT J3-1) From ID J1B-11E From ID A1P13.22	to W1 P1B-11E to ID A1J13.22 to ID P12-75 (S701-43)
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.30 to ID BUS 6
	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1J8.28 to ID P10-203 (S503-1)
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 571

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J3.8, J2.29 J2.22 and J2.47. The voltage measured at pin J2.63 should be greater than 27.2Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W1 P2-29 (UUT J2-29) to W1 P1A-1C From ID J1A-1C to ID A1J14.5

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From ID AlP14.5	to ID P13-49 (S201-17)
From W1 P2-22 (UUT J2-22) From ID J1A-1B From ID A1P14.3	to W1 P1A-1B to ID A1J14.3 to ID P13-80 (S201-11)
From W1 P2-47 (UUT J2-47) From ID J1A-3F From ID A1P14.14	
From W1 P3-2 (UUT J3-2) From ID J1A-2F From ID A1P14.12	to W1 P1A-2F to ID A1J14.12 to ID P13-52 (S201-33)
From W1 P3-8 (UUT J3-8) From ID J1A-2D From ID A1P14.9	to W1 P1A-2D to ID A1J14.8 to ID P13-50 (S201-25)
From W1 P2-63 (UUT J2-63) From ID J1A-6B From ID A1P15.11	to W1 P1A-6B to ID A1J15.11 to ID P13-10 (S701-33)
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.30 to ID BUS 6
From ID BUS 6 From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID R108.2	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10
From ID AlJ4.10 From ID P12-76 (S701-1) From ID AlJ12.50 From ID AlP10.3 From ID P11-164 (S506-3) From ID AlJ9.23	to GROUND to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Date: 04 March 2016

Step 572

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J3.8, J2.29 and J2.22. The voltage measured at pin J1.63 should be greater than 27.2Vdc with respect to ground.

From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
FIOR ID AIF14.5	CO 1D F13 47 (B201 17)
From W1 P2-22 (UUT J2-22)	to W1 P1A-1B
From ID J1A-1B	to ID AlJ14.3
From ID A1P14.3	to ID P13-80 (S201-11)
From W1 P3-2 (UUT J3-2)	to W1 P1A-2F
From ID J1A-2F	to ID A1J14.12
From ID A1P14.12	to ID P13-52 (S201-33)
From W1 P3-8 (UUT J3-8)	to W1 P1A-2D
From ID J1A-2D	to ID A1J14.8
From ID A1P14.9	to ID P13-50 (S201-25)
From W2 P2-63 (UUT J1-63)	to W2 P1B-5F
From ID J2B-5F	to ID A1J12.49
From ID A1P12.49	to ID P12-30 (S202-40)
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-144 (S509-8)	to ID A1P9.26
From ID A1J9.26	to ID BUS 6
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID A1J7.26	to ID A1J4.18
From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
From ID A1J4.10	to GROUND
Exam ID D12 00 (C202 2)	to ID A1P12.36
From ID P12-90 (S202-2) From ID A1J12.36	to ID A1J10.12
From ID A1912.36	to ID P11-242 (S509-2)
	to ID A1P9.19
From ID P11-18 (S509-3)	
From ID AlJ9.19	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID AlJ8.28
TIOM ID AIUIJ, I)	CO ID AIUU.ZU

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From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 573

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J3.8, J2.29 and J2.22. The voltage measured at pin J2.65 should be greater than 27.2Vdc with respect to ground.

•	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
,	to W1 P1A-1B to ID A1J14.3 to ID P13-80 (S201-11)
From W1 P3-2 (UUT J3-2) From ID J1A-2F From ID A1P14.12	to W1 P1A-2F to ID A1J14.12 to ID P13-52 (S201-33)
- ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	to W1 P1A-2D to ID A1J14.8 to ID P13-50 (S201-25)
From W1 P2-65 (UUT J2-65) From ID J1A-7A From ID A1P15.13	to W1 P1A-7A to ID A1J15.13 to ID P13-45 (S701-39)
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.30 to ID BUS 6
From ID BUS 6 From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID R108.2	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10

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From ID AlJ4.10	to GROUND
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 574

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J3.8, J2.29 and J2.22. The voltage measured at pin J3.1 should be greater than 27.2Vdc with respect to ground.

From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From W1 P2-22 (UUT J2-22) From ID J1A-1B From ID A1P14.3	to W1 P1A-1B to ID A1J14.3 to ID P13-80 (S201-11)
From W1 P3-2 (UUT J3-2) From ID J1A-2F From ID A1P14.12	to W1 P1A-2F to ID A1J14.12 to ID P13-52 (S201-33)
From W1 P3-8 (UUT J3-8) From ID J1A-2D From ID A1P14.9	to W1 P1A-2D to ID A1J14.8 to ID P13-50 (S201-25)
From W1 P3-1 (UUT J3-1) From ID J1B-11E From ID A1P13.22	to W1 P1B-11E to ID A1J13.22 to ID P12-75 (S701-43)

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From ID P12-76 (S701-1)	to TD A1P12 50
From ID A1J12.50	to ID AlJ10.3
	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	
From ID A1J9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.50
From ID AIP8.50	LO ID PIU-138 (53U1-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID A1J7.26	to ID A1J4.18
From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
From ID A1J4.10	to GROUND
From ID P12-76 (S701-1)	to ID A1P12.50
	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
- (,	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID AlP15.49
	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	
From ID AlJ6.13	to ID BUS 1
E	- TD 31D1E E0
From ID P20-3 (DMM-LO)	O ID AIPI5.50
	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24) From ID A1J7.36	
FION ID ALU/.36	to GROUND

Step 575

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J3.8, J2.29 and J2.22. The voltage measured at pin J2.63 should be greater than 27.2Vdc with respect to ground.

From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
From W1 P2-22 (UUT J2-22)	to W1 P1A-1B
From ID J1A-1B	to ID A1J14.3
From ID A1P14.3	to ID P13-80 (S201-11)
From W1 P3-2 (UUT J3-2)	to W1 P1A-2F
From ID J1A-2F	to ID A1J14.12

Date: 04 March 2016

From	ID	A1P14.12	to	ID	P13-52 (S201-33)
From	W1	P3-8 (UUT J3-8)	to	W1	P1A-2D	
From	ID	J1A-2D	to	ID	A1J14.8	
		A1P14.9				S201-25)
					110 00 (2202 207
					P1A-6B	
					A1J15.11	
From	ID	A1P15.11	to	ID	P13-10 (S701-33)
From	ID	P12-76 (S701-1)	to	ID	A1P12.50	1
From	ID	A1J12.50	to	ID	A1J10.3	
From	ID	A1P10.3	to	ID	P11-194	(S506-1)
From	ID	P11-129 (S506-8)				
		A1J9.30			BUS 6	
From	ID	BUS 6	to	ID	A1J8.50	
From	ID	A1P8.50				(S301-54)
From	ID	P10-9 (S301-53)	to	ID	A1P7.26	
From	ID	A1J7.26			A1J4.18	
From	ID	A1P4.18	to	ID	R108.1	
From	ID	R108.2	to	ID	A1P4.10	
From	ID	A1J4.10	to	GRO	DUND	
Erom	TD	P12-76 (S701-1)	+ 0	TD	71D12 50	1
					A1J10.3	'
						(S506-1)
					A1P9.23	(5500-1)
From	TD	A1J9.23	LO	TD	BUS 1	
			to	ID	A1P15.49	1
From	ID	A1J15.49	to	ID	A1J8.28	
			to	ID	P10-203	(S503-1)
From	ID	P10-77 (S503-3)	to	ID	A1P6.13	
		A1J6.13	to	ID	BUS 1	
_						
					A1P15.50	1
		A1J15.50			A1J7.38	
						(S301-23)
		P10-229 (S301-24)				
From	ID	A1J7.36	to	GRO	DUND	

Step 576

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J3.8, J2.29 and J2.22. Short pin J2.56 to ground. The voltage measured at pin J1.63 should be greater than 27.2Vdc with respect to ground.

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From W1 P2-30 (UUT J2-30) From ID J1B-4B From ID J1B-4B From ID AlP12.17 From ID AlJ14.49 From ID AlJ14.49 From ID AlJ14.49 From ID AlJ10.48 From ID AlP10.48 From ID AlP10.48 From ID AlP10.48 From ID AlP1-147 (S510-4) From ID BALP3.31 From ID AlJ9.31 From ID J1A-16 From ID J1A-1C From ID J1A-1C From ID AlP14.5 From ID AlP14.5 From ID J1A-1B From ID J1A-1B From ID J1A-1B From ID J1A-2F From ID J1A-2F From ID J1A-2F From ID J1A-2P From ID J1A-2D From ID J1A-2D From ID J1A-2D From ID J2B-5F From ID AlP12.49 From ID AlP12.36 From ID P12-90 (S202-2) From ID AlP10.12 From ID AlP10.12 From ID AlP1-26 From ID AlP1-27 From ID AlP1-28 From ID AlP1-29 Fro					
From ID AlP12.17 From ID P13-93 (S202-3) From ID AlJ14.49 From ID AlJ14.49 From ID AlJ14.49 From ID AlJ10.48 From ID P11-147 (S510-4) From ID P11-147 (S510-4) From ID AlJ9.31 From ID P11-147 (S510-4) From ID AlJ9.31 From ID AlJ9.31 From ID P11-147 (S510-4) From ID J1A-1C From ID J1A-1C From ID J1A-1C From ID J1A-1C From ID J1A-1B From ID J1A-1B From ID AlP14.3 From ID AlP14.3 From ID AlP14.3 From ID J1A-2F From ID J1A-2P From ID J1A-2P From ID AlP14.12 From ID AlP14.9 From ID J1A-2D From ID J1A-2D From ID AlP14.9 From ID AlP12.49 From ID AlP12.49 From ID AlP12.36 From ID AlP10.12 From ID AlP10.12 From ID P11-144 (S509-8) From ID AlP9.26 From ID AlP9.26 From ID AlP9.26 From ID AlP8.50 From ID AlP9.26 From ID AlP8.50 From ID AlP8.50 From ID AlP8.50 From ID AlP9.26 From ID AlP8.50 From ID AlP8.50 From ID AlP8.50 From ID AlP9.26 From ID AlP8.50 From ID AlP8.18 From ID AlP8.18 From ID AlP8.19 From ID AlP8.19 From ID AlP9.19 From ID AlP9.19 From ID AlP9.19 From ID AlP9.19 From ID AlJ15.49 From ID AlJ18.88 From ID AlJ18.80 From ID AlJ18.28	From W1	P2-30 (UUT J2-30)	to	W1	P1B-4B
From ID P13-93 (S202-3) From ID AlJ14.49 From ID AlJ14.49 From ID AlJ10.48 From ID AlP10.48 From ID AlP10.48 From ID AlJ10.48 From ID AlJ10.31 From ID AlJ9.31 From ID AlJ9.31 From ID AlJ9.31 From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID J1A-1C From ID J1A-1C From ID J1A-1B From ID J1A-2F From ID J1A-2D From ID J1A-2D From ID J1A-2D From ID J1A-2D From ID J2B-5F From ID J2B-5F From ID J2B-5F From ID J2B-5F From ID AlP12.49 From ID AlP10.12 From ID AlJ90.26 From ID AlJ90.29 From ID AlJ90.20 F	From ID	J1B-4B	to	ID	A1J12.17
From ID AlJ14.49 From ID AlP10.48 From ID P11-147 (S510-4) From ID P11-147 (S510-4) From ID AlJ9.31 From ID J1A-1C From ID J1A-1B From ID J1A-1B From ID J1A-1B From ID J1A-1B From ID J1A-2F From ID J1A-2D From ID J2B-5F From ID J2B-5F From ID J2B-5F From ID AlJ12.49 From ID P12-90 (S202-2) From ID AlJ12.36 From ID AlJ12.36 From ID AlJ9.26 From ID BUS 6 From ID AlJ9.26 From ID AlJ9.26 From ID AlJ9.26 From ID AlJ7.26 From ID AlJ4.18 From ID AlJ4.18 From ID AlJ4.10 From ID AlJ5.49 From ID AlJ5.49 From ID AlJ8.28	From ID	A1P12.17	to	ID	P12-96 (S202-47)
From ID AlJ14.49 From ID AlP10.48 From ID P11-147 (S510-4) From ID P11-147 (S510-4) From ID AlJ9.31 From ID J1A-1C From ID J1A-1B From ID J1A-1B From ID J1A-1B From ID J1A-1B From ID J1A-2F From ID J1A-2D From ID J2B-5F From ID J2B-5F From ID J2B-5F From ID AlJ12.49 From ID P12-90 (S202-2) From ID AlJ12.36 From ID AlJ12.36 From ID AlJ9.26 From ID BUS 6 From ID AlJ9.26 From ID AlJ9.26 From ID AlJ9.26 From ID AlJ7.26 From ID AlJ4.18 From ID AlJ4.18 From ID AlJ4.10 From ID AlJ5.49 From ID AlJ5.49 From ID AlJ8.28	Exam ID	D12 02 (C202 2)	+ 0	TD	71014 40
From ID A1P10.48 From ID P11-147 (S510-4) From ID P11-147 (S510-4) From ID P11-147 (S510-4) From ID A1J9.31 From ID A1J9.31 From ID A1J9.31 From ID A1J9.31 From ID A1J9.31 From ID A1J9.31 From ID J1A-1C From ID J1A-1C From ID A1P14.5 From ID A1P14.5 From ID J1A-1B From ID J1A-1B From ID A1P14.3 From ID A1P14.3 From ID J1A-2F From ID J1A-2F From ID J1A-2F From ID J1A-2D From ID A1P14.9 From ID A1P12.49 From ID A1P12.49 From ID A1J12.36 From ID A1J12.36 From ID A1J12.36 From ID A1J12.36 From ID A1J12.60 From ID A1J9.26 From ID BUS 6 From ID A1J9.26 From ID A1J9.26 From ID A1J9.26 From ID A1J4.18 From ID A1J4.18 From ID A1J4.10 From ID A1J9.290 (S202-2) From ID A1J4.18 From ID A1J4.10 From ID A1J9.29 From ID A1J9.29 From ID A1J9.29 From ID A1J4.10 From ID A1J9.29 From ID A1J4.10 From ID A1J9.29 From ID A1J9.19 From ID A1J9.29 From ID A1J9.19 From ID A1J9.29 From ID A1J5.49 From ID A1J8.28					
From ID P11-147 (S510-4) From ID AlJ9.31 From ID BUS 2 From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID AlP14.5 From ID AlP14.5 From ID AlP14.5 From ID AlP14.5 From ID J1A-1B From ID J1A-1B From ID J1A-1B From ID J1A-1B From ID AlP14.3 From ID AlP14.3 From ID J1A-2F From ID J1A-2F From ID AlP14.12 From ID AlP14.12 From ID J1A-2D From ID J2B-5F From ID J2B-5F From ID J2B-5F From ID AlP12.49 From ID P12-90 (S202-2) From ID AlP12.36 From ID AlP1.26 From ID AlP8.50 From ID AlP8.50 From ID AlP8.50 From ID AlJ7.26 Fro					
From ID AlJ9.31 to ID BUS 2 From W1 P2-29 (UUT J2-29) to W1 P1A-1C From ID J1A-1C to ID AlJ14.5 From ID AlP14.5 to ID P13-49 (S201-17) From W1 P2-22 (UUT J2-22) to W1 P1A-1B From ID J1A-1B to ID AlJ14.3 From ID AlP14.3 to ID P13-80 (S201-11) From W1 P3-2 (UUT J3-2) to W1 P1A-2F From ID J1A-2F to ID AlJ14.12 From ID AlP14.12 to ID P13-52 (S201-33) From W1 P3-8 (UUT J3-8) to W1 P1A-2D From ID J1A-2D to ID AlJ14.8 From ID AlP14.9 to ID P13-50 (S201-25) From W2 P2-63 (UUT J1-63) to W2 P1B-5F From ID J2B-5F to ID AlJ12.49 From ID AlP12.49 to ID P12-30 (S202-40) From ID P12-90 (S202-2) to ID AlP12.36 From ID AlP12.36 to ID AlJ10.12 From ID AlP10.12 to ID P11-242 (S509-2) From ID AlJ9.26 to ID BUS 6 From ID AlP8.50 to ID AlP9.26 From ID AlP8.50 to ID AlP7.26 From ID AlP4.18 to ID R108.1 From ID AlP4.18 to ID R108.1 From ID AlP4.10 From ID AlP4.10 From ID AlP10.12 to ID P11-242 From ID AlP4.10 From ID AlP1.236 to ID AlP4.18 From ID AlP4.18 to ID R108.1 From ID AlP4.18 to ID R108.1 From ID AlP4.18 to ID R108.1 From ID AlP4.18 to ID AlP4.18 From ID AlP4.18 to ID AlP4.18 From ID AlP4.18 to ID AlP4.19 From ID AlP4.19 to ID AlP4.10 From ID AlP4.18 to ID AlP4.10 From ID AlP4.18 to ID AlP4.10 From ID AlP4.19 to ID AlP4.10 From ID AlP4.19 to ID AlP4.19 From ID AlP4.19 to ID AlP9.19 From ID P10-90 (S202-2) to ID AlP9.19 From ID AlP9.19 to ID BUS 1 From ID P20-2 (DMM-HI) From ID P20-2 (DMM-HI) From ID AlP5.28 to ID AlP5.49 From ID AlP8.28 to ID P10-203 (S503-1)					
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID AlP14.5 From W1 P2-22 (UUT J2-22) From W1 P2-22 (UUT J2-22) From ID J1A-1B From ID J1A-1B From ID AlP14.3 From ID AlP14.3 From W1 P3-2 (UUT J3-2) From W1 P3-2 (UUT J3-2) From ID J1A-2F From ID J1A-2F From ID AlP14.12 From ID AlP14.12 From W1 P3-8 (UUT J3-8) From W1 P3-8 (UUT J3-8) From ID J1A-2D From ID J1A-2D From ID AlP14.9 From ID J2B-5F From ID J2B-5F From ID J2B-5F From ID J2B-5F From ID AlP12.49 From ID P12-90 (S202-2) From ID AlP12.36 From ID P11-144 (S509-8) From ID AlJ9.26 From ID AlJ9.26 From ID AlJ7.26 From ID AlJ7.27 From ID P11-8 (S509-3) From ID AlJ7.28 From ID P12-90 (S202-2) From ID AlJ7.29 From ID AlJ7.19 From ID P12-20 (DMM-HI) From ID P20-2 (DMM-HI) From ID P10-203 (S503-1)					
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From ID Alp14.5 to ID P13-49 (S201-17) From W1 P2-22 (UUT J2-22) to W1 P1A-1B From ID J1A-1B to ID AlJ14.3 From ID Alp14.3 to ID P13-80 (S201-11) From W1 P3-2 (UUT J3-2) to W1 P1A-2F From ID J1A-2F to ID AlJ14.12 From ID Alp14.12 to ID P13-52 (S201-33) From W1 P3-8 (UUT J3-8) to W1 P1A-2D From ID J1A-2D to ID AlJ14.8 From ID J1A-2D to ID AlJ14.8 From ID Alp14.9 to ID P13-50 (S201-25) From W2 P2-63 (UUT J1-63) to W2 P1B-5F From ID J2B-5F to ID AlJ12.49 From ID Alp12.49 to ID P12-30 (S202-40) From ID P12-90 (S202-2) to ID AlJ12.36 From ID Alp10.12 to ID P11-242 (S509-2) From ID P11-144 (S509-8) to ID Alp9.26 From ID Alp9.26 to ID BUS 6 From ID Alp8.50 to ID P10-138 (S301-54) From ID P10-9 (S301-53) to ID Alp7.26 From ID Alp4.18 to ID R108.1 From ID R108.2 to ID Alp4.10 From ID R108.2 to ID Alp4.10 From ID P12-90 (S202-2) to ID Alp4.10 From ID P12-90 (S202-2) to ID Alp4.10 From ID P12-90 (S202-2) to ID Alp4.10 From ID AlJ12.36 From ID AlJ4.10 to GROUND From ID P12-90 (S202-2) to ID Alp4.10 From ID P12-90 (S202-2) to ID Alp9.19 From ID AlJ9.19 to ID P11-242 (S509-2) From ID AlJ9.19 to ID BUS 1 From ID P20-2 (DMM-HI) to ID P11-242 (S509-2) From ID AlJ9.19 to ID BUS 1	From W1	P2-29 (UUT J2-29)	to	W1	P1A-1C
From W1 P2-22 (UUT J2-22) From ID J1A-1B From ID J1A-1B From ID AlP14.3 From ID J1A-2F From ID J1A-2F From ID J1A-2F From ID AlP14.12 From ID AlP14.12 From ID J1A-2D From ID J1A-2D From ID J1A-2D From ID AlP14.9 From ID AlP14.9 From ID J2B-5F From ID J2B-5F From ID AlP12.49 From ID AlP12.49 From ID AlP12.36 From ID AlP12.36 From ID AlP12.36 From ID AlP10.12 From ID AlP1-144 (S509-8) From ID AlP3.26 From ID AlP3.26 From ID AlP3.26 From ID AlP4.18 From ID AlP4.18 From ID AlP4.18 From ID AlP4.18 From ID AlP4.10 From ID AlP4.10 From ID AlP10.12 From ID AlP4.18 From ID AlP4.10 From ID AlP10.12 From ID AlP4.10 From ID AlP9.19 From ID AlP9.19 From ID AlP9.19 From ID P10-2 (DMM-HI) From ID P10-203 (S503-1) From ID AlP5.28 From ID AlP5.49 From ID AlP5.28 From ID AlP5.49 From ID AlP5.28 From ID AlP5.49 From ID AlP6.28 From ID AlP5.28 From ID AlP5.49 From ID AlP6.28 From ID AlP5.28 From ID AlP5.28 From ID AlP6.28 From ID AlP6.203 (S503-1)	From ID	J1A-1C	to	ID	A1J14.5
From ID J1A-1B From ID AlP14.3 From W1 P3-2 (UUT J3-2) From ID J1A-2F From ID AlP14.12 From ID AlP14.12 From ID AlP14.12 From ID J1A-2D From ID J1A-2D From ID AlP14.9 From ID AlP14.9 From ID AlP14.9 From ID J2B-5F From ID AlP12.49 From ID AlJ12.36 From ID AlJ12.36 From ID AlJ10.12 From ID AlJ10.12 From ID AlJ19.26 From ID BUS 6 From ID AlJ9.26 From ID BUS 6 From ID Al7.26	From ID	A1P14.5	to	ID	P13-49 (S201-17)
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From W1 P3-2 (UUT J3-2) From ID J1A-2F From ID J1A-2F From ID AlP14.12 From W1 P3-8 (UUT J3-8) From W1 P3-8 (UUT J3-8) From W1 P1A-2D From ID J1A-2D From ID AlP14.9 From ID AlP14.9 From W2 P2-63 (UUT J1-63) From ID J2B-5F From ID J2B-5F From ID AlP12.49 From ID P12-90 (S202-2) From ID AlJ12.36 From ID AlP10.12 From ID AlP10.12 From ID P11-144 (S509-8) From ID AlP9.26 From ID AlP8.50 From ID AlP8.50 From ID AlP4.18 From ID AlP4.19 From ID AlJ4.10 From ID AlJ4.10 From ID AlJ4.10 From ID AlJ4.10 From ID AlJ4.10 From ID AlJ4.10 From ID AlJ4.10 From ID AlJ4.10 From ID AlJ4.10 From ID AlJ4.16 From ID AlJ4.19 From ID AlJ5.49 From ID AlJ5.49 From ID AlJ8.28 From ID AlJ8.28 From ID AlP8.28 From ID AlP8.28 From ID AlP8.28 From ID AlP8.28	_				
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From ID J1A-2D	From ID	A1P14.12	to	ID	P13-52 (S201-33)
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From ID A1P10.12 From ID P11-144 (S509-8) From ID A1J9.26 From ID A1J9.26 From ID BUS 6 From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID A1P4.18 From ID R108.2 From ID A1J4.10 From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19 From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1J8.28 From ID A1P8.28 From ID P10-203 (S503-1)					
From ID P11-144 (S509-8) to ID A1P9.26 From ID A1J9.26 to ID BUS 6 From ID BUS 6 to ID P10-138 (S301-54) From ID A1P8.50 to ID P10-138 (S301-54) From ID P10-9 (S301-53) to ID A1P7.26 From ID A1J7.26 to ID A1J4.18 From ID A1P4.18 to ID R108.1 From ID R108.2 to ID A1P4.10 From ID A1J4.10 to GROUND From ID P12-90 (S202-2) to ID A1P12.36 From ID A1J12.36 to ID A1J10.12 From ID A1P10.12 to ID P11-242 (S509-2) From ID P11-18 (S509-3) to ID A1P9.19 From ID P20-2 (DMM-HI) to ID BUS 1 From ID P20-2 (DMM-HI) to ID A1P15.49 From ID A1J15.49 to ID A1J8.28 From ID A1P8.28 to ID P10-203 (S503-1)					
From ID AlJ9.26 to ID BUS 6 From ID BUS 6 to ID AlJ8.50 From ID AlP8.50 to ID P10-138 (S301-54) From ID P10-9 (S301-53) to ID AlP7.26 From ID AlJ7.26 to ID AlJ4.18 From ID AlP4.18 to ID R108.1 From ID R108.2 to ID AlP4.10 From ID AlJ4.10 to GROUND From ID P12-90 (S202-2) to ID AlP12.36 From ID AlJ12.36 to ID AlJ10.12 From ID AlP10.12 to ID P11-242 (S509-2) From ID P11-18 (S509-3) to ID AlP9.19 From ID P20-2 (DMM-HI) to ID BUS 1 From ID P20-2 (DMM-HI) to ID AlP15.49 From ID AlJ15.49 to ID AlJ8.28 From ID AlP8.28 to ID P10-203 (S503-1)					
From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1J7.26 From ID A1P4.18 From ID R108.2 From ID A1J4.10 From ID P12-90 (S202-2) From ID A1J12.36 From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19 From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1J8.28 From ID A1P8.28 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1P4.18 to ID A1P4.10 to ID A1P1.242 (S509-2) to ID A1P9.19 to ID BUS 1					
From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1J7.26 From ID A1P4.18 From ID R108.2 From ID A1J4.10 From ID P12-90 (S202-2) From ID A1J12.36 From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19 From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1J8.28 From ID A1P8.28 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1P4.18 to ID A1P4.10 to ID A1P1.242 (S509-2) to ID A1P9.19 to ID BUS 1					
From ID P10-9 (S301-53) to ID A1P7.26 From ID A1J7.26 to ID A1J4.18 From ID A1P4.18 to ID R108.1 From ID R108.2 to ID A1P4.10 From ID A1J4.10 to GROUND From ID P12-90 (S202-2) to ID A1P12.36 From ID A1J12.36 to ID A1J10.12 From ID A1P10.12 to ID P11-242 (S509-2) From ID P11-18 (S509-3) to ID A1P9.19 From ID A1J9.19 to ID BUS 1 From ID P20-2 (DMM-HI) to ID A1P15.49 From ID A1J15.49 to ID A1J8.28 From ID A1P8.28 to ID P10-203 (S503-1)	_				
From ID A1J7.26 to ID A1J4.18 From ID A1P4.18 to ID R108.1 From ID R108.2 to ID A1P4.10 From ID A1J4.10 to GROUND From ID P12-90 (S202-2) to ID A1P12.36 From ID A1J12.36 to ID A1J10.12 From ID A1P10.12 to ID P11-242 (S509-2) From ID P11-18 (S509-3) to ID A1P9.19 From ID A1J9.19 to ID BUS 1 From ID P20-2 (DMM-HI) to ID A1P15.49 From ID A1J15.49 to ID A1J8.28 From ID A1P8.28 to ID P10-203 (S503-1)					
From ID A1P4.18 From ID R108.2 From ID R108.2 From ID A1J4.10 From ID P12-90 (S202-2) From ID A1J12.36 From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19 From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 to ID R108.1 to ID A1P12.36 to ID A1P12.36 to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID BUS 1					
From ID R108.2 to ID A1P4.10 to GROUND From ID P12-90 (S202-2) to ID A1P12.36 to ID A1J10.12					
From ID A1J4.10 to GROUND From ID P12-90 (S202-2) to ID A1P12.36 From ID A1J12.36 to ID A1J10.12 From ID A1P10.12 to ID P11-242 (S509-2) From ID P11-18 (S509-3) to ID A1P9.19 From ID A1J9.19 to ID BUS 1 From ID P20-2 (DMM-HI) to ID A1P15.49 From ID A1J15.49 to ID A1J8.28 From ID A1P8.28 to ID P10-203 (S503-1)					
From ID P12-90 (S202-2) to ID A1P12.36 From ID A1J12.36 to ID A1J10.12 From ID A1P10.12 to ID P11-242 (S509-2) From ID P11-18 (S509-3) to ID A1P9.19 From ID A1J9.19 to ID BUS 1 From ID P20-2 (DMM-HI) to ID A1P15.49 From ID A1J15.49 to ID A1J8.28 From ID A1P8.28 to ID P10-203 (S503-1)					
From ID A1J12.36 to ID A1J10.12 From ID A1P10.12 to ID P11-242 (S509-2) From ID P11-18 (S509-3) to ID A1P9.19 From ID A1J9.19 to ID BUS 1 From ID P20-2 (DMM-HI) to ID A1P15.49 From ID A1J15.49 to ID A1J8.28 From ID A1P8.28 to ID P10-203 (S503-1)	From ID	A1J4.10	to	GRO	DUND
From ID A1J12.36 to ID A1J10.12 From ID A1P10.12 to ID P11-242 (S509-2) From ID P11-18 (S509-3) to ID A1P9.19 From ID A1J9.19 to ID BUS 1 From ID P20-2 (DMM-HI) to ID A1P15.49 From ID A1J15.49 to ID A1J8.28 From ID A1P8.28 to ID P10-203 (S503-1)	From ID	P12-90 (S202-2)	t.o	TD	A1P12.36
From ID A1P10.12 to ID P11-242 (S509-2) From ID P11-18 (S509-3) to ID A1P9.19 From ID A1J9.19 to ID BUS 1 From ID P20-2 (DMM-HI) to ID A1P15.49 From ID A1J15.49 to ID A1J8.28 From ID A1P8.28 to ID P10-203 (S503-1)					
From ID P11-18 (S509-3) to ID A1P9.19 From ID A1J9.19 to ID BUS 1 From ID P20-2 (DMM-HI) to ID A1P15.49 From ID A1J15.49 to ID A1J8.28 From ID A1P8.28 to ID P10-203 (S503-1)					
From ID A1J9.19 to ID BUS 1 From ID P20-2 (DMM-HI) to ID A1P15.49 From ID A1J15.49 to ID A1J8.28 From ID A1P8.28 to ID P10-203 (S503-1)					
From ID A1J15.49 to ID A1J8.28 From ID A1P8.28 to ID P10-203 (S503-1)					
From ID A1J15.49 to ID A1J8.28 From ID A1P8.28 to ID P10-203 (S503-1)	_	700 0 (7171 175)			-1-15 40
From ID A1P8.28 to ID P10-203 (S503-1)					
From ID PIU-// (S5U3-3) to ID AIP6.13					
	From ID	PIU-// (S5U3-3)	τo	ΤŊ	A1P0.13

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From ID A1J6.13 to ID BUS 1
From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 577

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J3.8, J2.29 and J2.22. Short pin J2.56 to ground. The voltage measured at pin J2.65 should be greater than 27.2Vdc with respect to ground.

From ID From ID From ID From ID From ID From ID	A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48	to II to II to II to II to II to II	P1B-4B A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2
From ID	P2-29 (UUT J2-29) J1A-1C A1P14.5	to II	P1A-1C A1J14.5 P13-49 (S201-17)
From ID	P2-22 (UUT J2-22) J1A-1B A1P14.3	to II	P1A-1B A1J14.3 P13-80 (S201-11)
From ID	P3-2 (UUT J3-2) J1A-2F A1P14.12	to II	P1A-2F A1J14.12 P13-52 (S201-33)
From ID	P3-8 (UUT J3-8) J1A-2D A1P14.9	to II	P1A-2D A1J14.8 P13-50 (S201-25)
From ID	P2-65 (UUT J2-65) J1A-7A A1P15.13	to II	P1A-7A A1J15.13 P13-45 (S701-39)
From ID From ID From ID	P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30	to II to II to II	A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6

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From ID BUS 6 From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID R108.2 From ID A1J4.10	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID A1J12.50 From ID A1P10.3	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 578

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J3.8, J2.29 and J2.22. Short pin J2.56 to ground. The voltage measured at pin J2.63 should be greater than 27.2Vdc with respect to ground.

From W1	P2-30 (UUT J2-30)	to	W1	P1B-4B
From ID	J1B-4B	to	ID	A1J12.17
From ID	A1P12.17	to	ID	P12-96 (S202-47)
From ID	P13-93 (S202-3)	to	ID	A1P14.49
From ID	A1J14.49	to	ID	A1J10.48
From ID	A1P10.48	to	ID	P11-52 (S510-1)
From ID	P11-147 (S510-4)	to	ID	A1P9.31
From ID	A1J9.31	to	ID	BUS 2
From W1	P2-29 (UUT J2-29)	to	W1	P1A-1C
From ID	J1A-1C	to	ID	A1J14.5
From ID	A1P14.5	to	ID	P13-49 (S201-17)
From W1	P2-22 (UUT J2-22)	to	W1	P1A-1B
From ID	J1A-1B	to	ID	A1J14.3

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From ID A1P14.3	to ID P13-80 (S201-11)
From W1 P3-2 (UUT J3-2)	to W1 P1A-2F
From ID J1A-2F	to ID A1J14.12
From ID A1P14.12	to ID P13-52 (S201-33)
From W1 P3-8 (UUT J3-8)	to W1 P1A-2D
From ID J1A-2D	to ID A1J14.8
From ID A1P14.9	to ID P13-50 (S201-25)
From W1 P2-63 (UUT J2-63)	to W1 P1A-6B
From ID J1A-6B	to ID A1J15.11
From ID A1P15.11	to ID P13-10 (S701-33)
110111111111111111111111111111111111111	00 10 113 10 (8701 33)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
	to ID A1P9.30
From ID AlJ9.30	to ID BUS 6
1101111107.50	00 12 202 0
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID A1J7.26	to ID A1J4.18
From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
From ID AlJ4.10	to GROUND
FIOR ID AIO4.10	CO GROOND
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
The TD DOO O (DMM HT)	L. TD 71D15 40
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID AlJ15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID AlJ15.50	to ID A1J7.38
From ID A1013.38	to ID P10-130 (S301-23)
	· · · · · · · · · · · · · · · · · · ·
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 579

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J3.8, J2.29 and J2.22. Short pin J2.56 to ground. The voltage measured at pin J2.64 should be greater than 27.2Vdc with respect to ground.

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Connection Path is as follows: See "UUT Power"	
From W1 P2-30 (UUT J2-30)	to W1 P1B-4B
From ID J1B-4B	to ID A1J12.17
From ID A1P12.17	to ID P12-96 (S202-47)
110 12 1111 12 1	00 12 111) 0 (2101 1.,
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
From W1 P2-22 (UUT J2-22)	to W1 P1A-1B
From ID J1A-1B	to ID A1J14.3
From ID A1P14.3	to ID P13-80 (S201-11)
From W1 P3-2 (UUT J3-2)	to W1 P1A-2F
From ID J1A-2F	to ID A1J14.12
From ID A1P14.12	to ID P13-52 (S201-33)
D 1/1 D2 0 /1111 T2 0\	L- 141 D17 OD
From W1 P3-8 (UUT J3-8) From ID J1A-2D	to W1 P1A-2D
From ID AlP14.9	to ID A1J14.8
From ID AIP14.9	to ID P13-50 (S201-25)
From W1 P2-64 (UUT J2-64)	to W1 P1B-10F
From ID J1B-10F	to ID A1J13.21
From ID A1P13.21	to ID P12-73 (S701-37)
110111111111111111111111111111111111111	60 12 112 73 (8701 37)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID AlJ12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID AlJ9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID A1J7.26	to ID A1J4.18
From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
From ID A1J4.10	to GROUND
Error ID D10 76 /0701 1\	+
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1D10.3	to ID A1J10.3
From ID D11_164 (S506_3)	to ID P11-194 (S506-1)
From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P9.23
FIOR ID AIU9.23	to ID BUS 1

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From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 581

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J3.8, J2.29, J2.22 and J2.62. J2.13 is momentarily connected to 28.0Vdc. The voltage measured at pin J2.65 should be greater than 27.2Vdc with respect to ground.

From W1 P2-62 (UUT J2-62) From ID J1B-7C From ID A1P12.9	to W1 P1B-7C to ID A1J12.9 to ID P12-19 (S201-31)
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From W1 P2-22 (UUT J2-22) From ID J1A-1B From ID A1P14.3	to W1 P1A-1B to ID A1J14.3 to ID P13-80 (S201-11)
From W1 P3-2 (UUT J3-2) From ID J1A-2F From ID A1P14.12	to W1 P1A-2F to ID A1J14.12 to ID P13-52 (S201-33)
	to W1 P1A-2D to ID A1J14.8 to ID P13-50 (S201-25)
From W1 P2-65 (UUT J2-65) From ID J1A-7A From ID A1P15.13	to W1 P1A-7A to ID A1J15.13 to ID P13-45 (S701-39)
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1J10.3 to ID P11-194 (S506-1)

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From ID BUS 6 From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID R108.2 From ID A1J4.10	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 582

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J3.8, J2.29, J2.22 and J2.62. J2.13 is momentarily connected to 28.0Vdc. The voltage measured at pin J3.1 should be greater than 27.2Vdc with respect to ground.

From ID	P2-62 (UUT J2-62) J1B-7C A1P12.9	to W1	P1B-7C to ID A1J12.9 to ID P12-19 (S201-31)
From ID	P2-29 (UUT J2-29) J1A-1C A1P14.5		to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From ID	P2-22 (UUT J2-22) J1A-1B A1P14.3		to W1 P1A-1B to ID A1J14.3 to ID P13-80 (S201-11)
From W1 From ID	P3-2 (UUT J3-2) J1A-2F		to W1 P1A-2F to ID A1J14.12

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From ID A1P14.12	to ID P13-52 (S201-33)
From W1 P3-8 (UUT J3-8) From ID J1A-2D From ID A1P14.9	to W1 P1A-2D to ID A1J14.8 to ID P13-50 (S201-25)
From W1 P3-1 (UUT J3-1) From ID J1B-11E From ID A1P13.22	to W1 P1B-11E to ID A1J13.22 to ID P12-75 (S701-43)
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.30 to ID BUS 6
From ID BUS 6 From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID R108.2 From ID A1J4.10	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 583

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J3.8, J2.29, J2.22 and J2.62. J2.13 is momentarily connected to 28.0Vdc. The voltage measured at pin J2.24 should be greater than 27.2Vdc with respect to ground.

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,	to W1 P1B-7C
From ID J1B-7C	to ID A1J12.9
From ID A1P12.9	to ID P12-19 (S201-31)
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
FIOM ID AIF14.5	CO 1D F13 49 (3201 17)
From W1 P2-22 (UUT J2-22)	to W1 P1A-1B
From ID J1A-1B	to ID A1J14.3
From ID A1P14.3	to ID P13-80 (S201-11)
,	to W1 P1A-2F
From ID J1A-2F	to ID A1J14.12
From ID A1P14.12	to ID P13-52 (S201-33)
From W1 P3-8 (UUT J3-8)	to W1 P1A-2D
	to ID AlJ14.8
From ID A1P14.9	to ID P13-50 (S201-25)
FIOM ID AIFI1.9	CO 1D F13 30 (5201 23)
From W1 P2-24 (UUT J2-24)	to W1 P1B-11F
From ID J1B-11F	to ID A1J13.18
From ID A1P13.18	to ID P12-40 (S701-29)
•	to ID A1P12.50
	to ID A1J10.3
	to ID P11-194 (S506-1)
·	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID A1J7.26	to ID A1J4.18
From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
From ID AlJ4.10	to GROUND
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID AlJ15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)

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From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND

Step 584

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J3.8, J2.29, J2.22 and J2.28. Short pin J2.56 to ground. The voltage measured at pin J1.63 should be greater than 27.2Vdc with respect to ground.

T	L. W1 D1D 4D
From W1 P2-30 (UUT J2-30)	to W1 P1B-4B
From ID J1B-4B	to ID A1J12.17
From ID A1P12.17	to ID P12-96 (S202-47)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID AlJ14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P2-28 (UUT J2-28)	to W1 P1B-9A
From ID J1B-9A	to ID A1J12.1
From ID A1P12.1	to ID P12-48 (S201-15)
	,
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
From W1 P2-22 (UUT J2-22)	to W1 P1A-1B
From ID J1A-1B	to ID A1J14.3
From ID A1P14.3	to ID P13-80 (S201-11)
From W1 P3-2 (UUT J3-2)	to W1 P1A-2F
From ID J1A-2F	to ID A1J14.12
From ID A1P14.12	to ID P13-52 (S201-33)
From W1 P3-8 (UUT J3-8)	to W1 P1A-2D
From ID J1A-2D	to ID A1J14.8
From ID A1P14.9	to ID P13-50 (S201-25)
From W2 P2-63 (UUT J1-63)	to W2 P1B-5F
From ID J2B-5F	to ID A1J12.49
From ID A1P12.49	to ID P12-30 (S202-40)
From ID P12-90 (S202-2)	+0 ID 31D12 26
From ID AlJ12.36	to ID A1P12.36 to ID A1J10.12
From ID A1912.36	to ID P11-242 (S509-2)
From ID P11-144 (S509-8)	to ID A1P9.26
From ID AlJ9.26	to ID BUS 6
FIOR ID MIU9.ZU	CO TD BOD 0

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From ID BUS 6 From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID R108.2 From ID A1J4.10	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID AlP10.12	to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2) to ID A1P9.19 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 585

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J3.8, J2.29, J2.22 and J2.28. Short pin J2.56 to ground. The voltage measured at pin J2.65 should be greater than 27.2Vdc with respect to ground.

From W1 P2-30 (UUT J2-30) From ID J1B-4B From ID A1P12.17	to W1 P1B-4B to ID A1J12.17 to ID P12-96 (S202-47)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P2-28 (UUT J2-28) From ID J1B-9A From ID A1P12.1 From W1 P2-29 (UUT J2-29)	to W1 P1B-9A to ID A1J12.1 to ID P12-48 (S201-15)

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From	ID J1A-1C	to ID A1J14.5
From	ID A1P14.5	to ID P13-49 (S201-17)
From	W1 P2-22 (UUT J2-22)	to W1 P1A-1B
From	ID J1A-1B	to ID A1J14.3
From	ID A1P14.3	to ID P13-80 (S201-11)
	W1 P3-2 (UUT J3-2)	to W1 P1A-2F
_	ID J1A-2F	to ID AlJ14.12
From	ID A1P14.12	to ID P13-52 (S201-33)
Exam	W1 D2 0 /IIII T2 0)	to W1 P1A-2D
	W1 P3-8 (UUT J3-8)	
	ID J1A-2D	to ID A1J14.8
From	ID A1P14.9	to ID P13-50 (S201-25)
From	W1 P2-65 (UUT J2-65)	to W1 P1A-7A
		to ID A1J15.13
_	ID A1P15.13	to ID P13-45 (S701-39)
		00 12 110 10 (2701 07)
From	ID P12-76 (S701-1)	to ID A1P12.50
From	ID A1J12.50	to ID AlJ10.3
From	ID A1P10.3	to ID P11-194 (S506-1)
From	ID P11-129 (S506-8)	to ID A1P9.30
	ID A1J9.30	to ID BUS 6
From	ID BUS 6	to ID A1J8.50
From	ID A1P8.50	to ID P10-138 (S301-54)
From	ID P10-9 (S301-53)	to ID A1P7.26
From	ID A1J7.26	to ID A1J4.18
From	ID A1P4.18	to ID R108.1
From	ID R108.2	to ID A1P4.10
From	ID A1J4.10	to GROUND
_	TD D10 GC (GG01 1)	
	ID P12-76 (S701-1)	to ID A1P12.50
	ID A1J12.50	to ID A1J10.3
	ID A1P10.3	to ID P11-194 (S506-1)
	ID P11-164 (S506-3)	to ID A1P9.23
From	ID A1J9.23	to ID BUS 1
From	ID P20-2 (DMM-HI)	to ID A1P15.49
	ID A1J15.49	to ID A1J8.28
	ID A1013.49 ID A1P8.28	to ID P10-203 (S503-1)
	ID P10-77 (S503-3)	to ID A1P6.13
	ID A1J6.13	to ID BUS 1
FLOIII	TD AIUU.13	ד פחם תד רי
From	ID P20-3 (DMM-LO)	to ID A1P15.50
From	ID A1J15.50	to ID A1J7.38
From	ID A1P7.38	to ID P10-130 (S301-23)
	ID P10-229 (S301-24)	to ID A1P7.36
From	ID A1J7.36	to GROUND

Step 586

Description:

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This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J3.8, J2.29, J2.22 and J2.28. Short pin J2.56 to ground. The voltage measured at pin J2.24 should be greater than 27.2Vdc with respect to ground.

From W1 P2-30 (UUT J2-30)	to W1 P1B-4B
From ID J1B-4B	to ID A1J12.17
From ID A1P12.17	to ID P12-96 (S202-47)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P2-28 (UUT J2-28)	to W1 P1B-9A
From ID J1B-9A	to ID A1J12.1
From ID A1P12.1	to ID P12-48 (S201-15)
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
From W1 P2-22 (UUT J2-22)	to W1 P1A-1B
From ID J1A-1B	to ID A1J14.3
From ID A1P14.3	to ID P13-80 (S201-11)
From W1 P3-2 (UUT J3-2)	to W1 P1A-2F
From ID J1A-2F	to ID A1J14.12
From ID A1P14.12	to ID P13-52 (S201-33)
From W1 P3-8 (UUT J3-8)	to W1 P1A-2D
From ID J1A-2D	to ID A1J14.8
From ID A1P14.9	to ID P13-50 (S201-25)
FIOM ID AIPI4.9	to 1D P13-30 (S201-25)
From W1 P2-24 (UUT J2-24)	to W1 P1B-11F
From ID J1B-11F	to ID A1J13.18
From ID AlP13.18	to ID P12-40 (S701-29)
110 15 111113.10	00 12 112 10 (2,01 2)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID AlJ12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID AlJ9.30	to ID BUS 6
11011127.30	00 10 000 0
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID AlJ7.26	to ID AlJ4.18
From ID AlP4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
110 10 11100.0	00 10 1111 1.10

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From ID A1J4.10	to GROUND
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 587

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.1128.0Vdc is applied to pins J3.2, J3.8, J2.29, J2.22 and J2.28. Short pin J2.56 to ground. The voltage measured at pin J2.64 should be greater than 27.2Vdc with respect to ground.

From W1 P2-30 (UUT J2-30) From ID J1B-4B From ID A1P12.17	to W1 P1B-4B to ID A1J12.17 to ID P12-96 (S202-47)
From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.49 to ID A1J10.48 to ID P11-52 (S510-1) to ID A1P9.31 to ID BUS 2
From W1 P2-28 (UUT J2-28) From ID J1B-9A From ID A1P12.1	to W1 P1B-9A to ID A1J12.1 to ID P12-48 (S201-15)
From W1 P2-29 (UUT J2-29) From ID J1A-1C From ID A1P14.5	to W1 P1A-1C to ID A1J14.5 to ID P13-49 (S201-17)
From W1 P2-22 (UUT J2-22) From ID J1A-1B	to W1 P1A-1B to ID A1J14.3

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From ID A1P14.3	to ID P13-80 (S201-11)
From W1 P3-2 (UUT J3-2)	to W1 P1A-2F
From ID J1A-2F	to ID A1J14.12
From ID A1P14.12	to ID P13-52 (S201-33)
From W1 P3-8 (UUT J3-8)	to W1 P1A-2D
From ID J1A-2D	to ID A1J14.8
From ID A1P14.9	to ID P13-50 (S201-25)
,	to W1 P1B-10F
From ID J1B-10F	to ID A1J13.21
From ID A1P13.21	to ID P12-73 (S701-37)
Error ID D12 76 (C701 1)	to ID A1P12.50
·	
	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
•	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
	to ID A1P7.26
From ID AlJ7.26	to ID A1J4.18
From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
From ID A1J4.10	to GROUND
From ID P12-76 (S701-1)	to ID A1P12.50
From ID AlJ12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	
FION ID AIU9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
1100.10	
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID AlJ7.36	to GROUND

Step 588

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J2.29, J2.22, J2.28, J2.27 and J2.34. Short pins J2.56, J2.39, J2.40 and J3.22 to ground. The voltage measured at pin J1.63 should be greater than

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27.2Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"	
From W1 P2-27 (UUT J2-27)	+0 W1 D1D_1/C
From ID J1B-14C	to ID AlJ13.5
From ID A1P13.5	to ID P12-14 (S201-13)
FION ID AIPI3.5	to 1D P12-14 (S201-13)
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
From W1 P3-22 (UUT J3-22)	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID AlP14.13	to ID P13-19 (S201-34)
From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P2-30 (UUT J2-30)	to W1 P1B-4B
From ID J1B-4B	to ID A1J12.17
From ID A1P12.17	to ID P12-96 (S202-47)
From ID P13-93 (S202-3)	to ID AlP14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P2-28 (UUT J2-28)	to W1 P1B-9A
From ID J1B-9A	to ID A1J12.1
From ID AlP12.1	to ID P12-48 (S201-15)
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
	00 12 110 17 (0201 17)

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From W1 P2-22 (UUT J2-22)	to W1 P1A-1B
From ID J1A-1B	to ID A1J14.3
From ID A1P14.3	o ID P13-80 (S201-11)
	,
From W1 P3-2 (UUT J3-2)	to W1 P1A-2F
From ID J1A-2F	to ID A1J14.12
From ID A1P14.12	to ID P13-52 (S201-33)
From W2 P2-63 (UUT J1-63)	to W2 P1B-5F
From ID J2B-5F	to ID A1J12.49
From ID A1P12.49	to ID P12-30 (S202-40)
From ID P12-90 (S202-2)	to ID A1P12.36
From ID AlJ12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-144 (S509-8)	to ID A1P9.26
From ID A1J9.26	to ID BUS 6
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID A1J7.26	to ID A1J4.18
From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
From ID A1J4.10	to GROUND
From ID P12-90 (S202-2)	to ID A1P12.36
From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-18 (S509-3)	to ID Alp9.19
From ID A1J9.19	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1915.49
From ID A1013.49 From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
FIOR ID ALOU.IS	CO ID BOS I
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A197.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND
110m 1D A107.50	CO GILOUIND

Step 589

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J2.29, J2.22, J2.28, J2.27 and J2.34. Short pins J2.56, J2.39, J2.40 and J3.22 to ground. The voltage measured at pin J3.3 should be less than 0.9Vdc with respect to ground.

Date: 04 March 2016

Connection Path is as follows: See "UUT Power"

See '	רטט'	Power"			
From	W1	P2-27 (UUT J2-27)	to	W1	P1B-14C
		J1B-14C			A1J13.5
From	ID	A1P13.5	to	ID	P12-14 (S201-13)
From	W1	P2-39 (UUT J2-39)	to	W1	P1A-1E
		J1A-1E			A1J14.9
From	ID	A1P14.9	to	ID	P13-17 (S201-26)
		P12-80 (S201-2)			A1P12.40
		A1J12.40			A1J10.8
		A1P10.8			P11-139 (S508-2)
		P11-205 (S508-10)			A1P9.2
From	ID	A1J9.2	to	ID	BUS 8
		P2-40 (UUT J2-40)			P1A-1F
		J1A-1F			A1J14.11
From	ID	A1P14.11	to	ID	P13-51 (S201-28)
From	W1	P3-22 (UUT J3-22)	to	W1	P1A-3E
${\tt From}$	ID	J1A-3E			A1J14.13
From	ID	A1P14.13	to	ID	P13-19 (S201-34)
From	W1	P2-34 (UUT J2-34)	to	W1	P1A-5F
		J1A-5F			A1J14.18
From	ID	A1P14.18	to	ID	P13-89 (S202-18)
From	ID	P13-29 (S202-4)	to	ID	A1P14.50
${\tt From}$	ID	A1J14.50	to	ID	A1J10.50
		A1P10.50	to	ID	P11-244 (S510-2)
${\tt From}$	ID	P11-147 (S510-4)	to	ID	A1P9.31
From	ID	A1J9.31	to	ID	BUS 2
From	W1	P2-30 (UUT J2-30)	to	W1	P1B-4B
${\tt From}$	ID	J1B-4B	to	ID	A1J12.17
From	ID	A1P12.17	to	ID	P12-96 (S202-47)
From	ID	P13-93 (S202-3)	to	ID	A1P14.49
		A1J14.49			A1J10.48
		A1P10.48			P11-52 (S510-1)
		P11-147 (S510-4)			A1P9.31
From	ID	A1J9.31	to	ID	BUS 2
		P2-28 (UUT J2-28)			P1B-9A
		J1B-9A			A1J12.1
From	ID	A1P12.1	to	ID	P12-48 (S201-15)
From	W1	P2-29 (UUT J2-29)	to	W1	P1A-1C
		J1A-1C			A1J14.5
From	ID	A1P14.5	to	ID	P13-49 (S201-17)

From W1 P2-22 (UUT J2-22) to W1 P1A-1B

Date: 04 March 2016

From ID J1A-1B	to ID AlJ14.3
From ID A1P14.3	to ID P13-80 (S201-11)
From W1 P3-2 (UUT J3-2)	to W1 P1A-2F
From ID J1A-2F	to ID AlJ14.12
From ID A1P14.12	to ID P13-52 (S201-33)
From W1 P3-3 (UUT J3-3)	to W1 P1A-5B
From ID J1A-5B	to ID A1J15.8
From ID A1P15.8	to ID P13-42 (S701-23)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID AlJ10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID AlJ9.30	to ID BUS 6
FION ID AID9.30	CO ID BOS 0
From ID BUS 6	to ID A1J8.50
From ID A1P8.50	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	to ID A1P7.26
From ID A1J7.26	to ID A1J4.18
From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
From ID A1J4.10	to GROUND
D ID D10 76 (0701 1)	L. TD 71D10 F0
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1P13.30
From ID A1015.50	
	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 590

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J2.29, J2.22, J2.28, J2.27 and J2.34. Short pins J2.56, J2.39, J2.40 and J3.22 to ground. The voltage measured at pin J2.58 should be greater than 27.2Vdc with respect to ground.

Connection Path is as follows:

Date: 04 March 2016

See	"דוווד"	Power"
	001	LOWCI

From W1 P2-27 (UUT J2-27) to W1 P1B-14C From ID J1B-14C to ID A1J13.5 From ID A1P13.5 to ID P12-14

From W1 P2-39 (UUT J2-39) to W1 P1A-1E

From ID J1A-1E

From ID A1P14.9

From ID P12-80 (S201-2) to ID A1P12.40 from ID A1J12.40 to ID A1J10.8 from ID A1P10.8 to ID P11-139 (S508-2) from ID P11-205 (S508-10) to ID A1P9.2 from ID A1J9.2

From ID A1J9.2

From W1 P2-40 (UUT J2-40) to W1 P1A-1F from ID J1A-1F to ID A1J14.11 to ID P13-51 (S

From W1 P3-22 (UUT J3-22) to W1 P1A-3E From ID J1A-3E

From ID A1P14.13

From W1 P2-34 (UUT J2-34) to W1 P1A-5F to ID A1J14.18 from ID A1P14.18 to ID P13-89 (S202-18)

From ID P13-29 (S202-4) to ID A1P14.50 from ID A1J14.50 to ID A1J10.50 from ID A1P10.50 to ID P11-244 (S510-2) from ID P11-147 (S510-4) to ID A1P9.31 from ID A1J9.31

From ID A1J9.31

From W1 P2-30 (UUT J2-30) to W1 P1B-4B From ID J1B-4B to ID A1J12.17

From ID A1P12.17

From ID P13-93 (S202-3) to ID A1P14.49
From ID A1J14.49 to ID A1J10.48
From ID A1P10.48 to ID P11-52 (S510-1)
From ID P11-147 (S510-4) to ID A1P9.31
From ID A1J9.31 to ID BUS 2

From ID A1J9.31

From W1 P2-28 (UUT J2-28) to W1 P1B-9A from ID J1B-9A to ID A1J12.1 from ID A1P12.1 to ID P12-48

From W1 P2-29 (UUT J2-29) to W1 P1A-1C From ID J1A-1C to ID A1J14.5 From ID A1P14.5

From W1 P2-22 (UUT J2-22) to W1 P1A-1B

From ID J1A-1B

to ID P12-14 (S201-13)

to ID AlJ14.9 to ID P13-17 (S201-26)

to ID BUS 8

to ID P13-51 (S201-28)

to ID A1J14.13

to ID P13-19 (S201-34)

to ID BUS 2

to ID P12-96 (S202-47)

to ID BUS 2

to ID A1J12.1

to ID P12-48 (S201-15)

to ID P13-49 (S201-17)

to ID A1J14.3

Date: 04 March 2016

From ID A1P14.3	to ID P13-80 (S201-11)
From W1 P3-2 (UUT J3-2) From ID J1A-2F	to W1 P1A-2F to ID A1J14.12
From ID A1P14.12	to ID P13-52 (S201-33)
From W1 P2-58 (UUT J2-58)	
From ID J1B-10D From ID A1P13.19	to ID A1J13.19 to ID P12-42 (S701-35)
From ID P12-76 (S701-1)	
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
	to ID A1J8.50
	to ID P10-138 (S301-54)
From ID P10-9 (S301-53)	
From ID A1J7.26	to ID A1J4.18
From ID A1P4.18	to ID R108.1
From ID R108.2	to ID A1P4.10
From ID A1J4.10	to GROUND
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1D15 49
From ID A1J15.49	to ID AlJ8.28
	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	
From ID A1J6.13	to ID BUS 1

Step 591

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J2.29, J2.22, J2.28, J2.27 and J2.34. Short pins J2.56, J2.39, J2.40 and J3.22 to ground. The voltage measured at pin J2.64 should be greater than 27.2Vdc with respect to ground.

From W1 P2-27 (UUT J2-27)	to W1 P1B-14C
From ID J1B-14C	to ID A1J13.5
From ID A1P13.5	to ID P12-14 (S201-13)
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E

Date: 04 March 2016

From	TD	J1A-1E	t 0	TD	A1J14.9
F'rom	TD	A1P14.9	to	TD	P13-17 (S201-26)
From	ID	P12-80 (S201-2)	to	ID	A1P12.40
		A1J12.40			A1J10.8
		A1P10.8			P11-139 (S508-2)
From	ID	P11-205 (S508-10)	to	ID	A1P9.2
From	ID	A1J9.2	to	ID	BUS 8
	T.7.1	DO 40 /IIIII TO 40)		T.71	D13 1E
		P2-40 (UUT J2-40)			P1A-1F
From	ID	J1A-1F	to	ID	A1J14.11
From	ID	A1P14.11	to	ID	P13-51 (S201-28)
Eraam	T.7 T	D2 22 (IIIIII I2 22)	ـ ـ	T.7 T	ה1 א כי בי
		P3-22 (UUT J3-22)			P1A-3E
From	ID	J1A-3E	to	ID	A1J14.13
From	ID	A1P14.13	to	ID	P13-19 (S201-34)
					•
Ezon	TAT 1	P2-34 (UUT J2-34)	+ ~	TAT 1	P1A-5F
		•			
From	ID	J1A-5F	to	ID	A1J14.18
From	ID	A1P14.18	to	ID	P13-89 (S202-18)
Erom	TD	P13-29 (S202-4)	+ ~	TD	A1P14.50
		A1J14.50			A1J10.50
From	ID	A1P10.50	to	ID	P11-244 (S510-2)
From	ID	P11-147 (S510-4)	to	ID	A1P9.31
		A1J9.31			BUS 2
110111	ıυ	A109.51	CO	דב	D0D 2
	_			_	_
From	W1	P2-30 (UUT J2-30)	to	W1	P1B-4B
		P2-30 (UUT J2-30) J1B-4B			P1B-4B A1J12.17
From	ID	J1B-4B	to	ID	A1J12.17
From	ID		to	ID	
From From	ID ID	J1B-4B A1P12.17	to to	ID ID	A1J12.17 P12-96 (S202-47)
From From	ID ID	J1B-4B	to to	ID ID	A1J12.17
From From From	ID ID	J1B-4B A1P12.17	to to	ID ID	A1J12.17 P12-96 (S202-47)
From From From From	ID ID ID	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49	to to to	ID ID ID	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48
From From From From	ID ID ID ID	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48	to to to to	ID ID ID ID ID	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1)
From From From From From	ID ID ID ID ID ID	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4)	to to to to to	ID ID ID ID ID ID	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31
From From From From From	ID ID ID ID ID ID	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48	to to to to to	ID ID ID ID ID ID	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1)
From From From From From From	ID ID ID ID ID ID ID	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31	to to to to to	ID ID ID ID ID ID	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31
From From From From From From	ID ID ID ID ID ID ID	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31	to to to to to	ID ID ID ID ID ID ID	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2
From From From From From From	ID ID ID ID ID ID ID	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31 P2-28 (UUT J2-28)	to to to to to	ID ID ID ID ID ID ID	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2 P1B-9A
From From From From From From From From	ID ID ID ID ID ID ID	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31 P2-28 (UUT J2-28) J1B-9A	to to to to to to	ID ID ID ID ID ID ID	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2 P1B-9A A1J12.1
From From From From From From From From	ID ID ID ID ID ID ID	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31 P2-28 (UUT J2-28)	to to to to to to	ID ID ID ID ID ID ID	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2 P1B-9A
From From From From From From From From	ID ID ID ID ID ID ID	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31 P2-28 (UUT J2-28) J1B-9A	to to to to to to	ID ID ID ID ID ID ID	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2 P1B-9A A1J12.1
From From From From From From From From	ID	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31 P2-28 (UUT J2-28) J1B-9A	to to to to to to to	ID	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2 P1B-9A A1J12.1
From From From From From From From From	ID ID ID ID ID ID ID W1 ID ID	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31 P2-28 (UUT J2-28) J1B-9A A1P12.1 P2-29 (UUT J2-29)	to to to to to to	ID I	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2 P1B-9A A1J12.1 P12-48 (S201-15)
From From From From From From From From	ID ID ID ID ID ID ID ID ID	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31 P2-28 (UUT J2-28) J1B-9A A1P12.1 P2-29 (UUT J2-29) J1A-1C	to to to to to to to	ID ID ID ID ID ID ID ID	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2 P1B-9A A1J12.1 P12-48 (S201-15) P1A-1C A1J14.5
From From From From From From From From	ID ID ID ID ID ID ID ID ID	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31 P2-28 (UUT J2-28) J1B-9A A1P12.1 P2-29 (UUT J2-29)	to to to to to to to	ID ID ID ID ID ID ID ID	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2 P1B-9A A1J12.1 P12-48 (S201-15)
From From From From From From From From	ID I	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31 P2-28 (UUT J2-28) J1B-9A A1P12.1 P2-29 (UUT J2-29) J1A-1C A1P14.5	to	ID I	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2 P1B-9A A1J12.1 P12-48 (S201-15) P1A-1C A1J14.5 P13-49 (S201-17)
From From From From From From From From	ID I	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31 P2-28 (UUT J2-28) J1B-9A A1P12.1 P2-29 (UUT J2-29) J1A-1C	to	ID I	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2 P1B-9A A1J12.1 P12-48 (S201-15) P1A-1C A1J14.5
From From From From From From From From	ID ID ID ID ID ID ID ID W1 ID ID W1 ID ID	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31 P2-28 (UUT J2-28) J1B-9A A1P12.1 P2-29 (UUT J2-29) J1A-1C A1P14.5	to t	ID I	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2 P1B-9A A1J12.1 P12-48 (S201-15) P1A-1C A1J14.5 P13-49 (S201-17)
From From From From From From From From	ID I	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31 P2-28 (UUT J2-28) J1B-9A A1P12.1 P2-29 (UUT J2-29) J1A-1C A1P14.5 P2-22 (UUT J2-22) J1A-1B	to to to to to to to to to	ID I	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2 P1B-9A A1J12.1 P12-48 (S201-15) P1A-1C A1J14.5 P13-49 (S201-17) P1A-1B A1J14.3
From From From From From From From From	ID I	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31 P2-28 (UUT J2-28) J1B-9A A1P12.1 P2-29 (UUT J2-29) J1A-1C A1P14.5 P2-22 (UUT J2-22)	to to to to to to to to to	ID I	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2 P1B-9A A1J12.1 P12-48 (S201-15) P1A-1C A1J14.5 P13-49 (S201-17)
From From From From From From From From	ID I	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31 P2-28 (UUT J2-28) J1B-9A A1P12.1 P2-29 (UUT J2-29) J1A-1C A1P14.5 P2-22 (UUT J2-22) J1A-1B A1P14.3	to t	ID I	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2 P1B-9A A1J12.1 P12-48 (S201-15) P1A-1C A1J14.5 P13-49 (S201-17) P1A-1B A1J14.3 P13-80 (S201-11)
From From From From From From From From	ID I	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31 P2-28 (UUT J2-28) J1B-9A A1P12.1 P2-29 (UUT J2-29) J1A-1C A1P14.5 P2-22 (UUT J2-22) J1A-1B	to to to to to to to to to	ID W1 ID ID W1 ID ID W1 ID ID W1	AlJ12.17 P12-96 (S202-47) A1P14.49 AlJ10.48 P11-52 (S510-1) A1P9.31 BUS 2 P1B-9A AlJ12.1 P12-48 (S201-15) P1A-1C AlJ14.5 P13-49 (S201-17) P1A-1B AlJ14.3 P13-80 (S201-11)
From From From From From From From From	ID I	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31 P2-28 (UUT J2-28) J1B-9A A1P12.1 P2-29 (UUT J2-29) J1A-1C A1P14.5 P2-22 (UUT J2-22) J1A-1B A1P14.3	to to to to to to to to to	ID W1 ID ID W1 ID ID W1 ID ID W1	A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2 P1B-9A A1J12.1 P12-48 (S201-15) P1A-1C A1J14.5 P13-49 (S201-17) P1A-1B A1J14.3 P13-80 (S201-11)
From From From From From From From From	ID I	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31 P2-28 (UUT J2-28) J1B-9A A1P12.1 P2-29 (UUT J2-29) J1A-1C A1P14.5 P2-22 (UUT J2-22) J1A-1B A1P14.3 P3-2 (UUT J3-2) J1A-2F	to	ID I	AlJ12.17 P12-96 (S202-47) AlP14.49 AlJ10.48 P11-52 (S510-1) AlP9.31 BUS 2 P1B-9A AlJ12.1 P12-48 (S201-15) P1A-1C AlJ14.5 P13-49 (S201-17) P1A-1B AlJ14.3 P13-80 (S201-11) P1A-2F AlJ14.12
From From From From From From From From	ID I	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31 P2-28 (UUT J2-28) J1B-9A A1P12.1 P2-29 (UUT J2-29) J1A-1C A1P14.5 P2-22 (UUT J2-22) J1A-1B A1P14.3 P3-2 (UUT J3-2)	to	ID I	AlJ12.17 P12-96 (S202-47) A1P14.49 AlJ10.48 P11-52 (S510-1) A1P9.31 BUS 2 P1B-9A AlJ12.1 P12-48 (S201-15) P1A-1C AlJ14.5 P13-49 (S201-17) P1A-1B AlJ14.3 P13-80 (S201-11)
From From From From From From From From	ID I	J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31 P2-28 (UUT J2-28) J1B-9A A1P12.1 P2-29 (UUT J2-29) J1A-1C A1P14.5 P2-22 (UUT J2-22) J1A-1B A1P14.3 P3-2 (UUT J3-2) J1A-2F	to	ID I	AlJ12.17 P12-96 (S202-47) AlP14.49 AlJ10.48 P11-52 (S510-1) AlP9.31 BUS 2 P1B-9A AlJ12.1 P12-48 (S201-15) P1A-1C AlJ14.5 P13-49 (S201-17) P1A-1B AlJ14.3 P13-80 (S201-11) P1A-2F AlJ14.12

Date: 04 March 2016

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From ID J1B-10F
From ID AlP13.21

From ID P12-76 (S701-1)
From ID P12-76 (S701-1)
From ID AlJ12.50
From ID AlJ12.50
From ID AlP10.3
From ID P11-129 (S506-8)
From ID AlJ9.30

From ID BUS 6
From ID AlP8.50
From ID AlJ7.26
From ID AlJ7.26
From ID AlJ4.18
From ID AlP4.18
From ID R108.2
From ID AlJ4.10

From ID P12-76 (S701-1)
From ID P12-76 (S701-1)
From ID P12-76 (S701-1)
From ID AlJ9.33
From ID AlJ12.50
From ID AlJ12.50
From ID AlJ12.50
From ID AlJ12.50
From ID AlJ12.30
From ID AlJ13.33
From ID P10-203 (S503-1)
From ID AlJ6.13
From ID AlJ6.13
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2.10 MODULE 6: Lamp Drivers Continued And Handle Resistor Voltage

This module continues to verify the proper operation of the CDA Logic CCA's Lamp drivers and checks the Handle Resistor voltage.

Refer to 1.4 Reference Drawings when diagnosing connection paths.

Step 601

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J2.29, J2.22, J2.28, J2.27, J2.34, J2.38 and J2.51. Short pins J2.56 and J2.39 to ground. The voltage measured at pin J1.63 should be greater than 27.2Vdc with respect to ground.

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Connection Path is as follows:

See "UUT Power"

See "APPLY IC"

From W1 P3-2 (UUT J3-2) to W1 P1A-2F

From ID J1A-2F to ID A1J14.12

From ID A1P14.12 to ID P13-52 (S201-33)
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Date: 04 March 2016

From W1 P2-29	(UUT J2-29)	to	W1	P1A-1C
From ID J1A-10				A1J14.5
From ID AlP14.				P13-49 (S201-17)
From W1 P2-22				P1A-1B
From ID J1A-1E				A1J14.3
From ID A1P14.	3	LO	ΤD	P13-80 (S201-11)
From W1 P2-28	(UUT J2-28)	to	W1	P1B-9A
From ID J1B-9A				A1J12.1
From ID A1P12.				P12-48 (S201-15)
TIOM ID AITIZ.	_	20	ידר	112 10 (5201 15)
From W1 P2-27	(UUT J2-27)	to	W1	P1B-14C
From ID J1B-14	łC	to	ID	A1J13.5
From ID A1P13.	5	to	ID	P12-14 (S201-13)
From W1 P2-34	(UUT J2-34)	to	W1	P1A-5F
From ID J1A-5F	י	to	ID	A1J14.18
From ID A1P14.	18	to	ID	P13-89 (S202-18)
From ID P13-29				A1P14.50
From ID A1J14.	50			A1J10.50
From ID A1P10.	50	to	ID	P11-244 (S510-2)
From ID P11-14	47 (S510-4)	to	ID	A1P9.31
From ID A1J9.3	31	to	ID	BUS 2
From W1 P2-38				P1B-8B
From ID J1B-8E	3			A1J12.5
From ID A1P12.	5	to	ID	P12-17 (S201-23)
From W1 D2_51	(UUT J2-51)	+0	T ₄ 7 1	P1B-9B
From ID J1B-9E				A1J12.2
From ID AlP12.				P12-15 (S201-16)
FION ID AIPIZ.	2	LO	עד	P12-15 (5201-10)
From ID P12-52	2 (S201-4)	to	ID	A1P12.44
From ID A1J12.		to	ID	A1J10.4
From ID A1P10.				P11-71 (S507-2)
From ID P11-72				A1P9.27
From ID AlJ9.2				BUS 2
110111 111 1110 9.2	. ,		10	D0D 2
From W1 P2-30	(UUT J2-30)	to	W1	P1B-4B
From ID J1B-4E	3	to	ID	A1J12.17
From ID A1P12.	17	to	ID	P12-96 (S202-47)
From ID P13-93				A1P14.49
From ID A1J14.		to	ID	A1J10.48
From ID A1P10.	48	to	ID	P11-52 (S510-1)
From ID P11-14	47 (S510-4)	to	ID	A1P9.31
From ID A1J9.3	31	to	ID	BUS 2
D	/IIII TO 20\	<u>.</u> .	r.7 ⁻¹	D13 1D
From W1 P2-39				P1A-1E
From ID J1A-1E				A1J14.9
From ID A1P14.	9	to	TD	P13-17 (S201-26)
From ID P12-80	1 (9201-2)	+ 0	ΤD	A1P12.40
1.10m 1D E17-00	, (DZUI Z)	LU	עב	HILITO . IO

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From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W2 P2-63 (UUT J1-63) From ID J2B-5F From ID AlP12.49	to W2 P1B-5F to ID A1J12.49 to ID P12-30 (S202-40)
From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-144 (S509-8) From ID A1J9.26	to ID A1J10.12 to ID P11-242 (S509-2)
From ID BUS 6 From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID R108.2	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10
From ID A1J4.10 From ID P12-90 (S202-2) From ID A1J12.36 From ID A1P10.12 From ID P11-18 (S509-3) From ID A1J9.19	to GROUND to ID A1P12.36 to ID A1J10.12 to ID P11-242 (S509-2)
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1J8.28 to ID P10-203 (S503-1)
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 602

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J2.29, J2.22, J2.28, J2.27, J2.34, J2.38 and J2.51. Short pins J2.56 and J2.39 to ground. The voltage measured at pin J3.3 should be less than 0.9Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"

From W1 P3-2 (UUT J3-2) to W1 P1A-2F

Date: 04 March 2016

From	TD	J1A-2F	tο	TD	A1J14.12
		A1P14.12			P13-52 (S201-33)
FIOIII	ΙD	AIF14.12	LU	דע	P13-32 (3201-33)
	_			_	
		P2-29 (UUT J2-29)			P1A-1C
From	ID	J1A-1C	to	ID	A1J14.5
From	ID	A1P14.5	to	ID	P13-49 (S201-17)
					,
Erom	TAT 1	P2-22 (UUT J2-22)	+ 0	TAT 1	P1A-1B
_		J1A-1B			A1J14.3
From	ID	A1P14.3	to	ID	P13-80 (S201-11)
From	W1	P2-28 (UUT J2-28)	to	W1	P1B-9A
		J1B-9A	tο	TD	A1J12.1
		A1P12.1			P12-48 (S201-15)
FLOIII	ΙD	AIPIZ.I	LU	Tυ	P12-46 (3201-15)
_		- 0 0 - (0 0 -)			
From	W1	P2-27 (UUT J2-27)	to	Wl	P1B-14C
From	ID	J1B-14C	to	ID	A1J13.5
From	ID	A1P13.5	to	ID	P12-14 (S201-13)
From	TAT 1	P2-34 (UUT J2-34)	t o	TAT 1	P1A-5F
		J1A-5F			A1J14.18
		A1P14.18			P13-89 (S202-18)
From	ID	P13-29 (S202-4)	to	ID	A1P14.50
From	ID	A1J14.50	to	ID	A1J10.50
From	ID	A1P10.50	to	ID	P11-244 (S510-2)
		P11-147 (S510-4)			A1P9.31
P,∿∪m					
From	TD	A1J9.31	to	TD	BUS 2
From	W1	P2-38 (UUT J2-38)	to	W1	P1B-8B
From From	W1 ID	P2-38 (UUT J2-38) J1B-8B	to to	W1 ID	P1B-8B A1J12.5
From From	W1 ID	P2-38 (UUT J2-38)	to to	W1 ID	P1B-8B
From From	W1 ID	P2-38 (UUT J2-38) J1B-8B	to to	W1 ID	P1B-8B A1J12.5
From From From	W1 ID ID	P2-38 (UUT J2-38) J1B-8B	to to to	W1 ID ID	P1B-8B A1J12.5
From From From	W1 ID ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51)	to to to	W1 ID ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B
From From From From	W1 ID ID W1 ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B	to to to	W1 ID ID W1 ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2
From From From From	W1 ID ID W1 ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51)	to to to	W1 ID ID W1 ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B
From From From From From	W1 ID ID W1 ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2	to to to to	W1 ID ID W1 ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16)
From From From From From	W1 ID ID W1 ID ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2 P12-52 (S201-4)	to to to to to	W1 ID ID W1 ID ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16) A1P12.44
From From From From From	W1 ID ID W1 ID ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2	to to to to to	W1 ID ID W1 ID ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16) A1P12.44 A1J10.4
From From From From From From From	W1 ID ID W1 ID ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2 P12-52 (S201-4)	to to to to to	W1 ID ID W1 ID ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16) A1P12.44
From From From From From From From From	W1 ID ID W1 ID ID ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2 P12-52 (S201-4) A1J12.44 A1P10.4	to to to to to to	W1 ID ID W1 ID ID ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16) A1P12.44 A1J10.4 P11-71 (S507-2)
From From From From From From From From	W1 ID ID W1 ID ID ID ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2 P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4)	to to to to to to	W1 ID ID W1 ID ID ID ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16) A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27
From From From From From From From From	W1 ID ID W1 ID ID ID ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2 P12-52 (S201-4) A1J12.44 A1P10.4	to to to to to to	W1 ID ID W1 ID ID ID ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16) A1P12.44 A1J10.4 P11-71 (S507-2)
From From From From From From From From	W1 ID ID W1 ID ID ID ID ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2 P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27	to to to to to to	W1 ID ID W1 ID ID ID ID ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16) A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2
From From From From From From From From	W1 ID ID W1 ID ID ID ID ID ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2 P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27 P2-30 (UUT J2-30)	to to to to to to to	W1 ID ID W1 ID ID ID ID ID ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16) A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2 P1B-4B
From From From From From From From From	W1 ID ID ID ID ID ID ID ID ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2 P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27 P2-30 (UUT J2-30) J1B-4B	to to to to to to to to	W1 ID ID ID ID ID ID ID ID ID ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16) A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2 P1B-4B A1J12.17
From From From From From From From From	W1 ID ID ID ID ID ID ID ID ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2 P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27 P2-30 (UUT J2-30)	to to to to to to to to	W1 ID ID ID ID ID ID ID ID ID ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16) A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2 P1B-4B
From From From From From From From From	W1 ID ID ID ID ID ID ID ID ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2 P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27 P2-30 (UUT J2-30) J1B-4B	to to to to to to to to	W1 ID ID ID ID ID ID ID ID ID ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16) A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2 P1B-4B A1J12.17
From From From From From From From From	W1 ID ID ID ID ID ID ID ID ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2 P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27 P2-30 (UUT J2-30) J1B-4B A1P12.17	to to to to to to to to	W1 ID ID ID ID ID ID ID ID ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16) A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2 P1B-4B A1J12.17 P12-96 (S202-47)
From From From From From From From From	W1 ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2 P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27 P2-30 (UUT J2-30) J1B-4B A1P12.17 P13-93 (S202-3)	to to to to to to to to to	W1 ID ID ID ID ID ID ID ID ID ID ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16) A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2 P1B-4B A1J12.17 P12-96 (S202-47) A1P14.49
From From From From From From From From	W1 ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2 P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27 P2-30 (UUT J2-30) J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49	to to to to to to to to to	W1 ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16) A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2 P1B-4B A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48
From From From From From From From From	W1 ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2 P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27 P2-30 (UUT J2-30) J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48	to	W1 ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16) A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2 P1B-4B A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1)
From From From From From From From From	W1 ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2 P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27 P2-30 (UUT J2-30) J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4)	to	W1 ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16) A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2 P1B-4B A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31
From From From From From From From From	W1 ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2 P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27 P2-30 (UUT J2-30) J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48	to	W1 ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16) A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2 P1B-4B A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1)
From From From From From From From From	W1 ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2 P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27 P2-30 (UUT J2-30) J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4)	to	W1 ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16) A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2 P1B-4B A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31
From From From From From From From From	W1 ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2 P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27 P2-30 (UUT J2-30) J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4)	to	W1 ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16) A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2 P1B-4B A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31
From From From From From From From From	W1 ID	P2-38 (UUT J2-38) J1B-8B A1P12.5 P2-51 (UUT J2-51) J1B-9B A1P12.2 P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27 P2-30 (UUT J2-30) J1B-4B A1P12.17 P13-93 (S202-3) A1J14.49 A1P10.48 P11-147 (S510-4) A1J9.31	to	W1 ID	P1B-8B A1J12.5 P12-17 (S201-23) P1B-9B A1J12.2 P12-15 (S201-16) A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2 P1B-4B A1J12.17 P12-96 (S202-47) A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2

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From I	ID.	A1P14.9	to	ID	P13-17 (S201-26)
From :	ID	P12-80 (S201-2)	to	ID	A1P12.40
From :	ID.	A1J12.40	to	ID	A1J10.8
From :	ID.	A1P10.8	to	ID	P11-139 (S508-2)
From :	ID	P11-205 (S508-10)	to	ID	A1P9.2
From :	ID .	A1J9.2	to	ID	BUS 8
From V	W1	P3-3 (UUT J3-3)	to	W1	P1A-5B
From :	ID	J1A-5B	to	ID	A1J15.8
From 1	ID .	A1P15.8	to	ID	P13-42 (S701-23)
From 1	ID	P12-76 (S701-1)	to	ID	A1P12.50
From :	ID .				A1J10.3
			to	ID	P11-194 (S506-1)
From :	ID	P11-129 (S506-8)	to	ID	A1P9.30
From 1	ID .	A1J9.30	to	ID	BUS 6
From :	ID	BUS 6	to	ID	A1J8.50
			to	ID	P10-138 (S301-54)
From :	ID	P10-9 (S301-53)	to	ID	A1P7.26
From :	ID .	A1J7.26	to	ID	A1J4.18
From :	ID .	A1P4.18	to	ID	R108.1
From :	ID	R108.2	to	ID	A1P4.10
From 1	ID .	A1J4.10	to	GRO	DUND
From :	ID	P12-76 (S701-1)	to	ID	A1P12.50
From :	ID .	A1J12.50	to	ID	A1J10.3
			to	ID	P11-194 (S506-1)
From :	ID	P11-164 (S506-3)	to	ID	A1P9.23
From 1	ID .	A1J9.23	to	ID	BUS 1
		- ,	to	ID	A1P15.49
		A1J15.49	to	ID	A1J8.28
		A1P8.28	to	ID	P10-203 (S503-1)
		P10-77 (S503-3)	to	ID	A1P6.13
From 1	ID .	A1J6.13	to	ID	BUS 1
		P20-3 (DMM-LO)			A1P15.50
		A1J15.50	to	ID	A1J7.38
From :	ID .	A1P7.38			P10-130 (S301-23)
		P10-229 (S301-24)	to	ID	A1P7.36
From :	ID .	A1J7.36	to	GRO	DUND

Step 603

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J2.29, J2.22, J2.28, J2.27, J2.34, J2.38 and J2.51. Short pins J2.56 and J2.39 to ground. The voltage measured at pin J2.58 should be greater than 27.2Vdc with respect to ground.

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Connection Path is as follows: See "UUT Power"

From W1 P2-29 (UUT J2-29) to W1 P1A-1C From ID J1A-1C to ID A1J14.5 From ID A1P14.5 to ID P13-49 (to ID P13-49 (S201-17) From W1 P2-22 (UUT J2-22) to W1 P1A-1B From ID J1A-1B to ID A1J14.3 From ID A1P14.3 to ID P13-80 (S201-11) From W1 P2-28 (UUT J2-28) to W1 P1B-9A From ID J1B-9A to ID A1J12.1 From ID A1P12.1 to ID P12-48 (S201-15) From W1 P2-27 (UUT J2-27) to W1 P1B-14C to ID A1J13.5 from ID A1P13.5 to ID P12-14 (S201-13) from W1 P2-34 (UUT J2-34) to W1 P1A-5F from ID J1A-5F to ID A1J14.18 from ID A1P14.18 to ID P13-89 (S202-18) From ID P13-29 (S202-4) to ID A1P14.50 from ID A1J14.50 to ID A1J10.50 from ID A1P10.50 to ID P11-244 (S510-2) from ID P11-147 (S510-4) to ID A1P9.31 From ID A1J9.31 to ID BUS 2 From W1 P2-38 (UUT J2-38) to W1 P1B-8B From ID J1B-8B to ID A1J12.5 From ID A1P12.5 to ID P12-17 to ID P12-17 (S201-23) From W1 P2-51 (UUT J2-51) to W1 P1B-9B From ID J1B-9B to ID A1J12.2 to ID P12-15 (S201-16) From ID A1P12.2 From ID P12-52 (S201-4) to ID A1P12.44 from ID A1J12.44 to ID A1J10.4 from ID A1P10.4 to ID P11-71 (S507-2) from ID P11-72 (S507-4) to ID A1P9.27 from ID A1J2.27 From ID A1J9.27 to ID BUS 2 From W1 P2-30 (UUT J2-30) to W1 P1B-4B to ID A1J12.1 from ID A1P12.17 to ID P12-96 to ID A1J12.17 to ID P12-96 (S202-47) From ID P13-93 (S202-3) to ID A1P14.49 from ID A1J14.49 to ID A1J10.48 From ID A1P10.48 to ID P11-52 (SFrom ID P11-147 (S510-4) to ID A1P9.31 to ID P11-52 (S510-1)

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From ID	A1J9.31	to	ID	BUS 2
T W1	D2 20 (IIIII T2 20)		T.71	D17 10
				P1A-1E
	J1A-1E			A1J14.9
From ID	A1P14.9	to	ID	P13-17 (S201-26)
From ID	P12-80 (S201-2)	to	ID	A1P12.40
	A1J12.40	to	ID	A1J10.8
From ID	A1P10.8	to	ID	P11-139 (S508-2)
				A1P9.2
	A1J9.2			BUS 8
110 12				
	P2-58 (UUT J2-58)	to	W1	P1B-10D
From ID	J1B-10D	to	ID	A1J13.19
From ID	A1P13.19	to	ID	P12-42 (S701-35)
Exom ID	P12-76 (S701-1)	+ 0	TD	א 1 ה 1 מ
	A1J12.50			A1J10.3
	A1012.30 A1P10.3			P11-194 (S506-1)
				· · · · · · · · · · · · · · · · · · ·
	P11-129 (S506-8)			
From ID	A1J9.30	to	TD	BUS 6
From ID	BUS 6	to	ID	A1J8.50
From ID	A1P8.50	to	ID	P10-138 (S301-54)
From ID	P10-9 (S301-53)	to	ID	A1P7.26
	A1J7.26	to	ID	A1J4.18
	A1P4.18			R108.1
	R108.2			A1P4.10
	A1J4.10			DUND
110 12	1120 1120		0211	. 01.2
From ID	P12-76 (S701-1)	to	ID	A1P12.50
From ID	A1J12.50	to	ID	A1J10.3
From ID	A1P10.3	to	ID	P11-194 (S506-1)
From ID	P11-164 (S506-3)	to	ID	A1P9.23
From ID	A1J9.23	to	ID	BUS 1
	-00 0 ()			-1-15 40
	P20-2 (DMM-HI)			A1P15.49
	A1J15.49			A1J8.28
	A1P8.28			P10-203 (S503-1)
	P10-77 (S503-3)			A1P6.13
From ID	A1J6.13	to	ID	BUS 1
From ID	P20-3 (DMM-LO)	to	ID	A1P15.50
	A1J15.50			A1J7.38
	A1P7.38			P10-130 (S301-23)
	P10-229 (S301-24)			A1P7.36
	A1J7.36			OUND
	11107.50		01//	OTAD

Step 604

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J2.29, J2.22,

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J2.28, J2.27, J2.34, J2.38 and J2.51. Short pins J2.56 and J2.39 to ground. The voltage measured at pin J2.64 should be greater than 27.2 Vdc with respect to ground.

See "UUT Power"	
From W1 P3-2 (UUT J3-2)	to W1 P1A-2F
From ID J1A-2F	to ID A1J14.12
From ID A1P14.12	to ID P13-52 (S201-33)
From W1 P2-29 (UUT J2-29)	to W1 P1A-1C
From ID J1A-1C	to ID A1J14.5
From ID A1P14.5	to ID P13-49 (S201-17)
From W1 P2-22 (UUT J2-22)	
From ID J1A-1B	to ID A1J14.3
From ID A1P14.3	to ID P13-80 (S201-11)
From W1 P2-28 (UUT J2-28)	to W1 P1B-9A
From ID J1B-9A	to ID A1J12.1
From ID A1P12.1	to ID P12-48 (S201-15)
From W1 P2-27 (UUT J2-27)	
From ID J1B-14C	to ID A1J13.5
From ID A1P13.5	to ID P12-14 (S201-13)
From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)
From ID P13-29 (S202-4)	to ID A1P14.50
	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)
From W1 P2-51 (UUT J2-51)	to W1 P1B-9B
From ID J1B-9B	to ID A1J12.2
From ID A1P12.2	to ID P12-15 (S201-16)
From ID P12-52 (S201-4)	to ID A1P12.44
From ID A1J12.44	to ID A1J10.4
From ID A1P10.4	to ID P11-71 (S507-2)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P2-30 (UUT J2-30)	to W1 P1B-4B
From ID J1B-4B	
From ID J1B-4B From ID A1P12.17	to ID A1J12.17 to ID P12-96 (S202-47)

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From ID P13-93 (S202-3) From ID A1J14.49 From ID A1P10.48 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1J10.48
From W1 P2-39 (UUT J2-39) From ID J1A-1E From ID A1P14.9	to W1 P1A-1E to ID A1J14.9 to ID P13-17 (S201-26)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID P11-139 (S508-2)
From W1 P2-64 (UUT J2-64) From ID J1B-10F From ID A1P13.21	to W1 P1B-10F to ID A1J13.21 to ID P12-73 (S701-37)
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.30 to ID BUS 6
From ID BUS 6 From ID A1P8.50 From ID P10-9 (S301-53) From ID A1J7.26 From ID A1P4.18 From ID R108.2 From ID A1J4.10	to ID A1J8.50 to ID P10-138 (S301-54) to ID A1P7.26 to ID A1J4.18 to ID R108.1 to ID A1P4.10 to GROUND
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

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Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J3.2, J2.29, J2.22, J2.28, J2.27, J2.34, J2.38 and J2.51. Short pins J2.56 and J2.39 to ground. The voltage measured at pin J2.48 should be less than 0.9Vdc with respect to ground.

DCC	00.	I I OWEI			
${\tt From}$	ID	P3-2 (UUT J3-2) J1A-2F A1P14.12	to	ID	P1A-2F A1J14.12 P13-52 (S201-33)
From	ID	P2-29 (UUT J2-29) J1A-1C A1P14.5	to	ID	P1A-1C A1J14.5 P13-49 (S201-17)
From	ID	P2-22 (UUT J2-22) J1A-1B A1P14.3	to	ID	P1A-1B A1J14.3 P13-80 (S201-11)
${\tt From}$	ID	,	to	ID	P1B-9A A1J12.1 P12-48 (S201-15)
From	ID	P2-27 (UUT J2-27) J1B-14C A1P13.5	to	ID	P1B-14C A1J13.5 P12-14 (S201-13)
From	ID	P2-34 (UUT J2-34) J1A-5F A1P14.18	to	ID	P1A-5F A1J14.18 P13-89 (S202-18)
From From From	ID ID ID	A1J14.50 A1P10.50	to to to	ID ID ID	A1P14.50 A1J10.50 P11-244 (S510-2) A1P9.31 BUS 2
From	ID	P2-38 (UUT J2-38) J1B-8B A1P12.5	to	ID	P1B-8B A1J12.5 P12-17 (S201-23)
From	ID	P2-51 (UUT J2-51) J1B-9B A1P12.2	to	ID	P1B-9B A1J12.2 P12-15 (S201-16)
From From	ID ID	P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4)	to	ID ID	to ID A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27

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From ID A1J9.27	to ID BUS 2
From W1 P2-30 (UUT J2-30)	to W1 P1B-4B
From ID J1B-4B	to ID A1J12.17
From ID 01B-4B From ID A1P12.17	to ID P12-96 (S202-47)
FION ID AIPIZ.I7	CO ID P12-90 (5202-47)
From ID P13-93 (S202-3)	to ID A1P14.49
From ID A1J14.49	to ID A1J10.48
From ID A1P10.48	to ID P11-52 (S510-1)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	
From ID AlJ9.2	to ID BUS 8
From W1 P2-48 (UUT J2-48)	to W1 P1R-12D
From ID J1B-12D	to ID A1J13.13
From ID A1P13.13	to ID P12-69 (S701-13)
110111111111111111111111111111111111111	20 15 112 05 (5,01 13)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.48
From ID A1P8.48	to ID P10-171 (S301-50)
From ID P10-42 (S301-49)	to ID A1P7.24
From ID A1J7.24	to ID AlJ4.16
From ID A1P4.16	to ID R109.1
From ID R109.2	to ID A1P4.9
From ID AlJ4.9	to +28V
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID AlJ9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID AlJ15.50	to ID A1J7.38
TIOM ID MICIO. 30	CO ID MID 1.30

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From ID A1P7.38 to ID P10-130 (S301-23) From ID P10-229 (S301-24) to ID A1P7.36 From ID A1J7.36 to GROUND

Step 606

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J3.2, J2.22, J2.28, J2.27, J2.34, J2.38, and J2.17. Short pins J2.39 to ground. The voltage measured at pin J3.3 should be less than 0.9Vdc with respect to ground.

	001 101101			
From 1	W1 P2-17 (UUT J2-17) ID J1A-2B ID A1P14.4	to	ID	P1A-2B A1J14.4 P13-48 (S201-12)
From]	W1 P3-2 (UUT J3-2) ID J1A-2F ID A1P14.12	to	ID	P1A-2F A1J14.12 P13-52 (S201-33)
From]	W1 P2-22 (UUT J2-22) ID J1A-1B ID A1P14.3	to	ID	P1A-1B A1J14.3 P13-80 (S201-11)
From]	W1 P2-28 (UUT J2-28) ID J1B-9A ID A1P12.1	to	ID	P1B-9A A1J12.1 P12-48 (S201-15)
From]		to	ID	P1B-14C A1J13.5 P12-14 (S201-13)
From 1		to	ID	P1A-5F A1J14.18 P13-89 (S202-18)
From D From D	ID A1J14.50 ID A1P10.50	to to to	ID ID ID	A1P14.50 A1J10.50 P11-244 (S510-2) A1P9.31 BUS 2
From]	W1 P2-38 (UUT J2-38) ID J1B-8B ID A1P12.5	to	ID	P1B-8B A1J12.5 P12-17 (S201-23)
From I	ID P12-52 (S201-4) ID A1J12.44 ID A1P10.4 ID P11-72 (S507-4)	to to	ID ID	A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27

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From ID A1J9.27	to ID BUS 2
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID AlP12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
	to W1 P1A-5B
From ID J1A-5B	to ID A1J15.8
From ID A1P15.8	to ID P13-42 (S701-23)
From ID P12-76 (S701-1)	to ID 31D12 50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8) From ID A1J9.30	
From ID A109.30	to ID BUS 6
From ID BUS 6	to ID A1J8.48
From ID A1P8.48	to ID P10-171 (S301-50)
From ID P10-42 (S301-49)	to ID A1P7.24
From ID A1J7.24	to ID A1J4.16
From ID A1P4.16	to ID R109.1
From ID R109.2	to ID A1P4.9
From ID A1J4.9	to +28V
	to ID A1P12.50
	to ID A1J10.3
	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
	to ID BUS 1
From ID AlJ6.13	CO TO BOS I
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 607

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J3.2, J2.22, J2.28, J2.27, J2.34, J2.38 and J2.17. Short pins J2.39 to

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ground. The voltage measured at pin J2.48 should be less than 0.9 Vdc with respect to ground.

From W1 P2-17 (UUT J2-17)	to W1 P1A-2B
From ID J1A-2B	to ID A1J14.4
From ID AlP14.4	to ID P13-48 (S201-12)
IIOM ID AIIII.I	CO 1D 113 10 (B201 12)
From W1 P3-2 (UUT J3-2)	to W1 P1A-2F
From ID J1A-2F	to ID A1J14.12
From ID A1P14.12	to ID P13-52 (S201-33)
From W1 P2-22 (UUT J2-22)	to W1 P1A-1B
From ID J1A-1B	to ID AlJ14.3
From ID A1P14.3	to ID P13-80 (S201-11)
From W1 P2-28 (UUT J2-28)	to W1 P1B-9A
From ID J1B-9A	to ID AlJ12.1
From ID A1P12.1	to ID P12-48 (S201-15)
From W1 P2-27 (UUT J2-27)	to W1 P1B-14C
From ID J1B-14C	to ID A1J13.5
From ID A1P13.5	to ID P12-14 (S201-13)
FION ID AIPI3.5	to 1D P12-14 (S201-13)
From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)
TIOM ID ATTITUD	00 10 113 07 (5202 10)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
FION ID AIO9.31	CO ID BOS Z
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)
110111 12.0	00 12 112 17 (5201 237
From ID P12-52 (S201-4)	to ID A1P12.44
From ID A1J12.44	to ID A1J10.4
From ID A1P10.4	to ID P11-71 (S507-2)
From ID P11-72 (S507-4)	to ID Alp9.27
From ID A1J9.27	to ID BUS 2
FION ID AIO9.27	CO ID BOS Z
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
	, , , , , , , , , , , , , , , , , , , ,
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
,	

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Fr	om ID	A1J9.2	to	ID	BUS 8
Fr	om W1	P2-48 (UUT J2-48)			
Fr	om ID	J1B-12D	to	ID	A1J13.13
Fr	om ID	A1P13.13	to	ID	P12-69 (S701-13)
_		D10 F6 (6F01 1)			71710 50
		P12-76 (S701-1)			
		A1J12.50			A1J10.3
					P11-194 (S506-1)
		P11-129 (S506-8)			
F'Y	OM ID	A1J9.30	to	TD	BUS 6
Fr	om TD	BUS 6	t.o	TD	A1J8.48
		A1P8.48			P10-171 (S301-50)
		P10-42 (S301-49)			A1P7.24
		A1J7.24			A1J4.16
		A1P4.16			R109.1
		R109.2			A1P4.9
		A1J4.9		+2	
	0111 12	1110 1.7			~ ·
Fr	om ID	P12-76 (S701-1)	to	ID	A1P12.50
		A1J12.50	to	ID	A1J10.3
Fr	om ID	A1P10.3	to	ID	P11-194 (S506-1)
Fr	om ID	P11-164 (S506-3)	to	ID	A1P9.23
		A1J9.23	to	ID	BUS 1
Fr	om ID	P20-2 (DMM-HI)	to	ID	A1P15.49
Fr	om ID	A1J15.49	to	ID	A1J8.28
Fr	om ID	A1P8.28	to	ID	P10-203 (S503-1)
Fr	om ID	P10-77 (S503-3)	to	ID	A1P6.13
Fr	om ID	A1J6.13	to	ID	BUS 1
E-a	om ID	DOO 2 (DMM TO)	۰.	TD	71D1E E0
		P20-3 (DMM-LO) A1J15.50			
					A1J7.38
		A1P7.38			P10-130 (S301-23)
		P10-229 (S301-24)			A1P7.36
FT	OM ID	A1J7.36	to	GR	OUND
Step 608	3				
J					
De	scrip	tion:			
Th	is st	ep applies 15.0Vdc to pin d	J3.3	30,	and -15.0Vdc to pin
J3.29 wi	lth re	spect to J3.10. 28.0Vdc i	s a	ppl:	ied to pins J3.2,
J2.22, J	72.28,	J2.27, J2.34, J2.38, J2.1	7 a:	nd .	J2.47. Short pins J2.39
to grour	nd. Th	e voltage measured at pin	J3.	3 sl	hould be less than
0.9Vdc v	vith r	espect to ground.			
0-	nnoat	ion Path is as follows:			
		T Power"			
عد	٠٠٠ .	I IOMET			
Fr	om W1	P2-47 (UUT J2-47)	to	W1	P1A-3F
		J1A-3F			A1J14.14
		1 1 1 1 1 מ	+ ~		D12 10 /C201 2E\

to ID P13-18 (S201-35)

From ID A1P14.14

From N	W1	P2-17 (UUT J2-17)	to	W1	P1A-2B
From :	ID	J1A-2B	to	ID	A1J14.4
From	ID	A1P14.4	to	ID	P13-48 (S201-12)
					,
From I	w1	P3-2 (UUT J3-2)	to	w1	P1A-2F
		J1A-2F			A1J14.12
		A1P14.12			P13-52 (S201-33)
TIOIII .	דט	A11 11.12	CO	דב	113 32 (8201 33)
From 1	TAT 1	P2-22 (UUT J2-22)	t o	₩1	P1A-1B
		J1A-1B			A1J14.3
		A1P14.3			P13-80 (S201-11)
rion.	דט	AIF14.5	LU	עד	PI3-00 (3201-II)
From 1	TAT 1	P2-28 (UUT J2-28)	t o	₩1	P1B-9A
		J1B-9A			A1J12.1
		A1P12.1			P12-48 (S201-15)
FIOIII .	עד	AIPIZ.I	LO	ID	P12-40 (S201-15)
From 1	พ 1	P2-27 (UUT J2-27)	t o	w 1	P1B-14C
		J1B-14C			A1J13.5
		A1P13.5			P12-14 (S201-13)
FIOIII .	עד	AIPI3.5	LO	ID	P12-14 (S201-13)
From 1	w1	P2-34 (UUT J2-34)	tο	w1	P1A-5F
		J1A-5F			A1J14.18
		A1P14.18			P13-89 (S202-18)
riom.	עב	AIF I 1. I O	CO	עד	113 07 (5202 10)
From	ID	P13-29 (S202-4)	to	ID	A1P14.50
		A1J14.50	to	ID	A1J10.50
		A1P10.50			P11-244 (S510-2)
		P11-147 (S510-4)			A1P9.31
		A1J9.31			BUS 2
rion.	עב	A109.31	LU	עד	B05 Z
From 1	w1	P2-38 (UUT J2-38)	t.o	พ1	P1B-8B
		J1B-8B			A1J12.5
		A1P12.5			P12-17 (S201-23)
I I Om	10	1111 12.5	-	10	112 17 (5201 25)
From	ID	P12-52 (S201-4)	to	ID	A1P12.44
From	ID	A1J12.44	to	ID	A1J10.4
		A1P10.4			P11-71 (S507-2)
		P11-72 (S507-4)			A1P9.27
		A1J9.27			BUS 2
rion.	עב	A109.27	LU	ענ	B03 Z
From 1	w1	P2-39 (UUT J2-39)	to	W1	P1A-1E
		J1A-1E			A1J14.9
		A1P14.9			P13-17 (S201-26)
rrom .	11	AII I I . J	CO	ידר	115 17 (5201 20)
From	ID	P12-80 (S201-2)	to	ID	A1P12.40
		A1J12.40			A1J10.8
		A1P10.8			P11-139 (S508-2)
		P11-205 (S508-10)			A1P9.2
		A1J9.2			BUS 8
rion.	۔۔	1110 / . 4		עב	200 0
From V	w1	P3-3 (UUT J3-3)	to	W1	P1A-5B
		J1A-5B			A1J15.8
		A1P15.8			P13-42 (S701-23)
L'LOIII.	±1/	1111 10.0		עב	113 12 (0/01 23)

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From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-129 (S506-8) From ID A1J9.30	to ID A1J10.3 to ID P11-194 (S506-1)
From ID A1P8.48 From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16	to ID A1J8.48 to ID P10-171 (S301-50) to ID A1P7.24 to ID A1J4.16 to ID R109.1 to ID A1P4.9 to +28V
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1J8.28 to ID P10-203 (S503-1)
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1J7.38 to ID P10-130 (S301-23)

Step 609

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J3.2, J2.22, J2.28, J2.27, J2.34, J2.38, J2.17 and J2.47. Short pins J2.39 to ground. The voltage measured at pin J2.48 should be less than 0.9Vdc with respect to ground.

From W1 P2-47 (UUT J2-47)	to W1 P1A-3F
From ID J1A-3F	to ID A1J14.14
From ID A1P14.14	to ID P13-18 (S201-35)
From W1 P2-17 (UUT J2-17)	to W1 P1A-2B
From ID J1A-2B	to ID A1J14.4
From ID A1P14.4	to ID P13-48 (S201-12)
From W1 P3-2 (UUT J3-2)	to W1 P1A-2F
From ID J1A-2F	to ID A1J14.12

From ID A1P14.12	to ID P13-52 (S201-33)
From W1 P2-22 (UUT J2-22)	to W1 P1A-1B
From ID J1A-1B	to ID AlJ14.3
From ID A1P14.3	to ID P13-80 (S201-11)
	,
From W1 P2-28 (UUT J2-28)	to W1 P1B-9A
From ID J1B-9A	to ID A1J12.1
From ID A1P12.1	to ID P12-48 (S201-15)
From W1 P2-27 (UUT J2-27)	to W1 P1B-14C
From ID J1B-14C	to ID A1J13.5
From ID A1P13.5	to ID P12-14 (S201-13)
From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID AlJ14.18
From ID A1P14.18	to ID P13-89 (S202-18)
FION ID AIP14.10	CO 1D P13-09 (3202-10)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID AlJ14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID AlJ9.31	to ID BUS 2
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID A1J12.5
From ID A1P12.5	to ID P12-17 (S201-23)
From ID P12-52 (S201-4)	to ID A1P12.44
From ID A1J12.44	to ID AlJ10.4
From ID A1P10.4	to ID P11-71 (S507-2)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID AlJ10.8
From ID A1910.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
110111109.2	20 12 202 0
From W1 P2-48 (UUT J2-48)	to W1 P1B-12D
From ID J1B-12D	to ID A1J13.13
From ID A1P13.13	to ID P12-69 (S701-13)
TD D10 E5 (5E55 5)	
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6

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From ID BUS 6 From ID A1P8.48 From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16 From ID R109.2 From ID A1J4.9	to ID A1J8.48 to ID P10-171 (S301-50) to ID A1P7.24 to ID A1J4.16 to ID R109.1 to ID A1P4.9 to +28V
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 610

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J3.2, J2.22, J2.28, J2.27, J2.34, J2.38, J2.17 and J2.47. Short pins J2.39 to ground. The voltage measured at pin J3.1 should be less than 0.9Vdc with respect to ground.

From W1 P2-47 (UUT J2-47)	to W1 P1A-3F
From ID J1A-3F	to ID A1J14.14
From ID A1P14.14	to ID P13-18 (S201-35)
From W1 P2-17 (UUT J2-17) From ID J1A-2B From ID A1P14.4	to W1 P1A-2B to ID A1J14.4 to ID P13-48 (S201-12)
From W1 P3-2 (UUT J3-2)	to W1 P1A-2F
From ID J1A-2F	to ID A1J14.12
From ID A1P14.12	to ID P13-52 (S201-33)
From W1 P2-22 (UUT J2-22) From ID J1A-1B From ID A1P14.3	to W1 P1A-1B to ID A1J14.3 to ID P13-80 (S201-11)

From	W1	P2-28 (UUT J2-28)	to	W1	P1B-9A
		J1B-9A	to	ID	A1J12.1
From	ID	A1P12.1	to	ID	P12-48 (S201-15)
${\tt From}$	W1	P2-27 (UUT J2-27)	to	W1	P1B-14C
${\tt From}$	ID	J1B-14C	to	ID	A1J13.5
${\tt From}$	ID	A1P13.5	to	ID	P12-14 (S201-13)
		P2-34 (UUT J2-34)			P1A-5F
		J1A-5F			A1J14.18
From	ID	A1P14.18	to	ID	P13-89 (S202-18)
Enom	TD	D12 20 (G202 4)	ـ ـ	TD	71D14 E0
		P13-29 (S202-4) A1J14.50			A1P14.50 A1J10.50
		A1014.50 A1P10.50			P11-244 (S510-2)
		P11-147 (S510-4)			A1P9.31
		A1J9.31			BUS 2
FIOIII	דט	A10 9 . 31	LU	ΙD	DUD Z
From	W1	P2-38 (UUT J2-38)	to	W1	P1B-8B
		J1B-8B			A1J12.5
		A1P12.5			P12-17 (S201-23)
					, ,
From	ID	P12-52 (S201-4)	to	ID	A1P12.44
${\tt From}$	ID	A1J12.44	to	ID	A1J10.4
${\tt From}$	ID	A1P10.4	to	ID	P11-71 (S507-2)
${\tt From}$	ID	P11-72 (S507-4)	to	ID	A1P9.27
${\tt From}$	ID	A1J9.27	to	ID	BUS 2
_		-0.20 (-1- 1-
		P2-39 (UUT J2-39)			P1A-1E
_		J1A-1E			A1J14.9
From	ΤD	A1P14.9	to	TD	P13-17 (S201-26)
From	TD	P12-80 (S201-2)	t.o	TD	A1P12.40
		A1J12.40			A1J10.8
		A1P10.8			P11-139 (S508-2)
		P11-205 (S508-10)			A1P9.2
		A1J9.2			BUS 8
${\tt From}$	W1	P3-1 (UUT J3-1)	to	W1	P1B-11E
		J1B-11E			A1J13.22
From	ID	A1P13.22	to	ID	P12-75 (S701-43)
		D10 76 (G701 1)		TD	71D10 F0
		P12-76 (S701-1)			A1P12.50
		A1J12.50 A1P10.3			A1J10.3
		P11-129 (S506-8)			P11-194 (S506-1) A1P9.30
		A1J9.30			BUS 6
LTOIII	דח	A10 9. 30	LU	עד	U GUQ
From	ID	BUS 6	to	ID	A1J8.50
		A1P8.50			P10-138 (S301-54)
		P10-9 (S301-53)			A1P7.26
		A1J7.26			A1J4.18
		A1P4.18			R108.1
		R108.2			A1P4.10

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From ID AlJ4.10	to GROUND
From ID P12-76 (S701-1) From ID A1J12.50 From ID A1P10.3 From ID P11-164 (S506-3) From ID A1J9.23	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.23 to ID BUS 1
From ID P20-2 (DMM-HI) From ID A1J15.49 From ID A1P8.28 From ID P10-77 (S503-3) From ID A1J6.13	to ID A1P15.49 to ID A1J8.28 to ID P10-203 (S503-1) to ID A1P6.13 to ID BUS 1
From ID P20-3 (DMM-LO) From ID A1J15.50 From ID A1P7.38 From ID P10-229 (S301-24) From ID A1J7.36	to ID A1P15.50 to ID A1J7.38 to ID P10-130 (S301-23) to ID A1P7.36 to GROUND

Step 611

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J2.28, J2.27, J2.34, J2.38, J2.17 and J2.47. Short pin J2.39 to ground. The voltage measured at pin J1.63 should be greater than 27.2Vdc with respect to ground.

From W1 P2-32 (UUT J2-32) From ID J1B-6B From ID A1P12.11	to W1 P1B-6B o ID A1J12.11 to ID P12-22 (S201-37)
From W1 P2-47 (UUT J2-47) From ID J1A-3F From ID A1P14.14	to W1 P1A-3F to ID A1J14.14 to ID P13-18 (S201-35)
From W1 P2-17 (UUT J2-17) From ID J1A-2B From ID A1P14.4	to W1 P1A-2B to ID A1J14.4 to ID P13-48 (S201-12)
From W1 P2-28 (UUT J2-28) From ID J1B-9A From ID A1P12.1	to W1 P1B-9A to ID A1J12.1 to ID P12-48 (S201-15)
From W1 P2-27 (UUT J2-27) From ID J1B-14C From ID A1P13.5	to W1 P1B-14C to ID A1J13.5 to ID P12-14 (S201-13)
From W1 P2-34 (UUT J2-34)	to W1 P1A-5F

From	ID	J1A-5F	to	ID	A1J14.18
From	ID	A1P14.18	to	ID	P13-89 (S202-18)
		· · · · · · · · · · · · · · · · · · ·			A1P14.50
					A1J10.50
From	ID	A1P10.50	to	ID	P11-244 (S510-2)
From	ID	P11-147 (S510-4)	to	ID	A1P9.31
From	ID	A1J9.31	to	ID	BUS 2
From	Ta 7 1	P2-38 (UUT J2-38)	+0	TAT 1	P1B-8B
		J1B-8B			A1J12.5
_		A1P12.5			P12-17 (S201-23)
riom	דע	AIF 12. J	CO	ΙD	112 17 (5201 25)
		P12-52 (S201-4)	to	ID	A1P12.44
From	ID	A1J12.44			A1J10.4
From	ID	A1P10.4	to	ID	P11-71 (S507-2)
From	ID	P11-72 (S507-4)	to	ID	A1P9.27
From	ID	A1J9.27	to	ID	BUS 2
From	W1	P2-39 (UUT J2-39)	t.o	พ1	P1A-1E
		J1A-1E			A1J14.9
		A1P14.9			P13-17 (S201-26)
		P12-80 (S201-2)			A1P12.40
		A1J12.40			A1J10.8
		A1012.40 A1P10.8			P11-139 (S508-2)
		P11-205 (S508-10)			A1P9.2
FLOIII	TD	A1J9.2	LO	TD	BUS 8
From	W2	P2-63 (UUT J1-63)	to	W2	P1B-5F
From	ID	J2B-5F	to	ID	A1J12.49
From	ID	A1P12.49	to	ID	P12-30 (S202-40)
From	TD	P12-90 (S202-2)	+0	TD	A1P12.36
		A1J12.36			A1J10.12
		A1P10.12			P11-242 (S509-2)
		P11-144 (S509-8)			A1P9.26
		A1J9.26			BUS 6
110111	דע	A105.20	00	דב	D0D 0
_		BUS 6	to	ID	A1J8.50
		A1P8.50			P10-138 (S301-54)
		P10-9 (S301-53)	to	ID	A1P7.26
From	ID	A1J7.26	to	ID	A1J4.18
From	ID	A1P4.18	to	ID	R108.1
${\tt From}$	ID	R108.2	to	ID	A1P4.10
From	ID	A1J4.10	to	GRO	DUND
From	TD	P12-90 (S202-2)	t o	TD	A1P12.36
		A1J12.36			A1J10.12
_		A1P10.12			P11-242 (S509-2)
		P11-18 (S509-3)			A1P9.19
		A1J9.19			BUS 1
		P20-2 (DMM-HI)			A1P15.49
From	ID	A1J15.49	to	ID	A1J8.28

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From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1

From ID P20-3 (DMM-LO) to ID A1P15.50
From ID A1J15.50 to ID A1J7.38
From ID A1P7.38 to ID P10-130 (S301-23)
From ID P10-229 (S301-24) to ID A1P7.36
From ID A1J7.36 to GROUND

Step 612

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pin J2.32 with respect to J2.11. 28.0Vdc is applied to pins J2.28, J2.27, J2.34, J2.38, J2.17 and J2.47. Short pin J2.39 to ground. The voltage measured at pin J3.3 should be less than 0.9Vdc with respect to ground.

Connection Path is as follows: See "UUT Power"	
	to W1 P1B-6B
From ID J1B-6B	to ID A1J12.11
From ID A1P12.11	to ID P12-22 (S201-37)
,	to W1 P1A-3F
From ID J1A-3F	to ID AlJ14.14
From ID A1P14.14	to ID P13-18 (S201-35)
From W1 P2-17 (UUT J2-17)	to W1 P1A-2B
,	to ID AlJ14.4
From ID A1P14.4	to ID P13-48 (S201-12)
TIOM ID THEFT.	60 12 113 10 (5201 12)
From W1 P2-28 (UUT J2-28)	to W1 P1B-9A
From ID J1B-9A	to ID A1J12.1
From ID A1P12.1	to ID P12-48 (S201-15)
From W1 P2-27 (UUT J2-27)	
From ID J1B-14C	to ID A1J13.5
From ID A1P13.5	to ID P12-14 (S201-13)
From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	
From ID A1J9.31	to ID BUS 2
From W1 P2-38 (UUT J2-38)	to W1 P1B-8B
From ID J1B-8B	to ID A1J12.5

From ID A1P12.5	to ID P12-17 (S201-23)
From ID P12-52 (S201-4)	to ID A1P12.44
From ID AlJ12.44	to ID A1J10.4
From ID A1P10.4	to ID P11-71 (S507-2)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
From W1 P2-39 (UUT J2-39)	to W1 P1A-1E
From ID J1A-1E	to ID A1J14.9
From ID A1P14.9	to ID P13-17 (S201-26)
F TD D10 00 (G201 0)	L. TD 31D10 40
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
TIOM ID A109.2	
From W1 P3-3 (UUT J3-3)	to W1 P1A-5B
From ID J1A-5B	to ID A1J15.8
From ID A1P15.8	to ID P13-42 (S701-23)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6	to ID AlJ8.48
From ID A1P8.48	to ID P10-171 (S301-50)
From ID P10-42 (S301-49)	to ID A1P7.24
From ID A1J7.24	to ID A1J4.16
From ID A1P4.16	to ID R109.1
From ID R109.2	to ID A1P4.9
From ID A1J4.9	to +28V
From ID P12-76 (S701-1)	to ID A1P12.50
From ID AlJ12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID AlJ8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID AlJ6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID AlJ15.50	to ID AlJ7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

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Step 613

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.28, J2.27, J2.34, J2.38, J2.17 and J2.47. Short pins J2.39 and J2.15 to ground. The voltage measured at pin J3.3 should be less than 0.9Vdc with respect to ground.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

שככ	AFFIII IC	
From	W1 P2-34 (UUT J2-34) ID J1A-5F ID A1P14.18	to W1 P1A-5F to ID A1J14.18 to ID P13-89 (S202-18)
From From From From From	ID P13-29 (S202-4) ID A1J14.50 ID A1P10.50 ID P11-147 (S510-4) ID A1J9.31 W1 P2-5 (UUT J2-5) ID J1B-14A ID A1P13.1	to ID A1P14.50 to ID A1J10.50 to ID P11-244 (S510-2) to ID A1P9.31 to ID BUS 2 to W1 P1B-14A to ID A1J13.1 to ID P12-79 (S201-5)
From	W1 P2-40 (UUT J2-40) ID J1A-1F ID A1P14.11	to W1 P1A-1F to ID A1J14.11 to ID P13-51 (S201-28)
From From From	ID P12-80 (S201-2) ID A1J12.40 ID A1P10.8 ID P11-205 (S508-10) ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From	W1 P2-15 (UUT J2-15) ID J1B-8C ID A1P12.6	to W1 P1B-8C to ID A1J12.6 to ID P12-81 (S201-24)
From	W1 P3-3 (UUT J3-3) ID J1A-5B ID A1P15.8	to W1 P1A-5B to ID A1J15.8 to ID P13-42 (S701-23)
From From From	ID P12-76 (S701-1) ID A1J12.50 ID A1P10.3 ID P11-129 (S506-8) ID A1J9.30	to ID A1P12.50 to ID A1J10.3 to ID P11-194 (S506-1) to ID A1P9.30 to ID BUS 6
From From	ID BUS 6 ID A1P8.48 ID P10-42 (S301-49) ID A1J7.24	to ID A1J8.48 to ID P10-171 (S301-50) to ID A1P7.24 to ID A1J4.16

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From ID A1P4.16 From ID R109.2 From ID A1J4.9	to ID R109.1 to ID A1P4.9 to +28V
From ID P12-76 (S701-1) From ID A1J12.50	to ID A1P12.50 to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID AlJ9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID A1J8.28
From ID A1P8.28	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 614

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.28, J2.27, J2.34, J2.38, J2.17 and J2.47. Short pins J2.39 and J2.15 to ground. The frequency at pin J2.52 should be between 0.5 and 8.5Hz.

From W1 P2-34 (UUT J2-34) From ID J1A-5F From ID A1P14.18	to W1 P1A-5F to ID A1J14.18 to ID P13-89 (S202-18)
From ID P13-29 (S202-4) From ID A1J14.50 From ID A1P10.50 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1J10.50 to ID P11-244 (S510-2)
From W1 P2-5 (UUT J2-5)	to W1 P1B-14A
From ID J1B-14A	to ID A1J13.1
From ID A1P13.1	to ID P12-79 (S201-5)
From W1 P2-40 (UUT J2-40)	to W1 P1A-1F
From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)

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From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P2-15 (UUT J2-15)	to W1 P1B-8C
From ID J1B-8C	to ID A1J12.6
From ID A1P12.6	to ID P12-81 (S201-24)
From W1 P2-52 (UUT J2-52)	to W1 P1A-5A
From ID J1A-5A	to ID A1J15.7
From ID A1P15.7	to ID P13-7 (S701-17)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6 From ID A1P8.48 From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16 From ID R109.2 From ID A1J4.9	to ID A1J8.48 to ID P10-171 (S301-50) o ID A1P7.24 to ID A1J4.16 to ID R109.1 to ID A1P4.9 to +28V
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P20-2 (DMM-HI)	to ID A1P15.49
From ID A1J15.49	to ID P10-203 (S503-1)
From ID P10-77 (S503-3)	to ID A1P6.13
From ID A1J6.13	to ID BUS 1
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J7.38
From ID A1P7.38	to ID P10-130 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 615

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.28, J2.27, J2.34, J2.38, J2.17, J2.47 and J2.19. Short pins J2.15, J2.40 and J3.22 to ground. The frequency at pin J3.3 should be between 0.5 and $8.5 \, \mathrm{Hz}$.

Connection Path is as follows: See "UUT Power" See "APPLY IC"

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From W1 P2-34 (UUT J2-34)	to W1 P1A-5F
From ID J1A-5F	to ID A1J14.18
From ID A1P14.18	to ID P13-89 (S202-18)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	to ID A1J10.50
From ID A1P10.50	to ID P11-244 (S510-2)
From ID P11-147 (S510-4)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
From W1 P2-15 (UUT J2-15)	to W1 P1B-8C
From ID J1B-8C	to ID A1J12.6
From ID A1P12.6	to ID P12-81 (S201-24)
From ID P12-80 (S201-2)	to ID A1P12.40
From ID A1J12.40	to ID A1J10.8
From ID A1P10.8	to ID P11-139 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P2-19 (UUT J2-19)	to W1 P1B-13C
From ID J1B-13C	to ID A1J13.6
From ID A1P13.6	to ID P12-78 (S201-14)
From ID P12-52 (S201-4)	to ID AlP12.44
From ID A1J12.44	to ID A1J10.4
From ID A1012.44 From ID A1P10.4	to ID P11-71 (S507-2)
From ID P11-72 (S507-4)	to ID A1P9.27
From ID A1J9.27	to ID BUS 2
FIOR ID ALOY.27	CO ID BOS Z
From W1 P3-3 (UUT J3-3)	to W1 P1A-5B
From ID J1A-5B	to ID A1J15.8
From ID A1P15.8	to ID P13-42 (S701-23)
	- (2
From ID P12-76 (S701-1)	o ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	o ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6	to ID A1J8.48
From ID A1P8.48	to ID P10-171 (S301-50)
From ID P10-42 (S301-49)	to ID A1P7.24
From ID A1J7.24	to ID A1J4.16
From ID A1P4.16	to ID R109.1
From ID R109.2	to ID A1P4.9
From ID A1J4.9	to +28V
D	L- TD 31D10 F0
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3 to ID P11-194 (S506-1)
From ID A1P10.3	-C 11 DII=194 (ChUh=1)
Bercom III III I IA/I / C'B/IA / 1	
From ID P11-164 (S506-3) From ID A1J9.23	to ID BUS 1

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From ID P19-18 (CT-IN1) to ID A1P21.1 from ID A1J21.1 to ID A1J6.8 from ID A1P6.8 to ID P10-162 (S501-2) from ID P10-164 (S501-3) to ID A1P7.29 from ID A1J7.29 to ID BUS 1

Step 616

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.28, J2.27, J2.34, J2.38, J2.17, J2.47, and J2.19. Short pins J2.15, J2.40, and J3.22 to ground. The frequency at pin J2.52 should be between 0.5 and 8.5Hz.

From W1 P2-34 (UUT J2-34) From ID J1A-5F From ID A1P14.18	to W1 P1A-5F to ID A1J14.18 to ID P13-89 (S202-18)
From ID P13-29 (S202-4) From ID A1J14.50 From ID A1P10.50 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.50 to ID A1J10.50 to ID P11-244 (S510-2) o ID A1P9.31 to ID BUS 2
From W1 P2-15 (UUT J2-15) From ID J1B-8C From ID A1P12.6	to W1 P1B-8C to ID A1J12.6 to ID P12-81 (S201-24)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8 From ID P11-205 (S508-10) From ID A1J9.2	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2) to ID A1P9.2 to ID BUS 8
From W1 P2-19 (UUT J2-19) From ID J1B-13C From ID A1P13.6	to W1 P1B-13C to ID A1J13.6 to ID P12-78 (S201-14)
From ID P12-52 (S201-4) From ID A1J12.44 From ID A1P10.4 From ID P11-72 (S507-4) From ID A1J9.27	to ID A1P12.44 to ID A1J10.4 to ID P11-71 (S507-2) to ID A1P9.27 to ID BUS 2
From W1 P2-52 (UUT J2-52) From ID J1A-5A From ID A1P15.7	to W1 P1A-5A to ID A1J15.7 to ID P13-7 (S701-17)
From ID P12-76 (S701-1)	o ID A1P12.50

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From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
From ID BUS 6 From ID A1P8.48 From ID P10-42 (S301-49) From ID A1J7.24 From ID A1P4.16 From ID R109.2 From ID A1J4.9	to ID A1J8.48 to ID P10-171 (S301-50) to ID A1P7.24 to ID A1J4.16 to ID R109.1 to ID A1P4.9 to +28V
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	to ID A1P9.23
From ID A1J9.23	to ID BUS 1
From ID P19-18 (CT-IN1) From ID A1J21.1 From ID A1P6.8 From ID P10-164 (S501-3) From ID A1J7.29	to ID A1P21.1 to ID A1J6.8 to ID P10-162 (S501-2) to ID A1P7.29 to ID BUS 1

Step 617

Description:

This step applies 15.0Vdc to pin J3.30, and -15.0Vdc to pin J3.29 with respect to J3.10. 28.0Vdc is applied to pins J2.28, J2.27, J2.34, J2.38, J2.17, J2.47 and J2.19. Short pins J2.15, J2.40 and J3.22 to ground. The frequency at pin J2.53 should be between 0.5 and $8.5 \, \mathrm{Hz}$.

From W1 P2-34 (UUT J2-34) From ID J1A-5F From ID A1P14.18	to W1 P1A-5F to ID A1J14.18 to ID P13-89 (S202-18)
From ID P13-29 (S202-4) From ID A1J14.50 From ID A1P10.50 From ID P11-147 (S510-4) From ID A1J9.31	to ID A1P14.50 to ID A1J10.50 to ID P11-244 (S510-2) to ID A1P9.31 to ID BUS 2
From W1 P2-15 (UUT J2-15) From ID J1B-8C From ID A1P12.6	to W1 P1B-8C to ID A1J12.6 to ID P12-81 (S201-24)
From ID P12-80 (S201-2) From ID A1J12.40 From ID A1P10.8	to ID A1P12.40 to ID A1J10.8 to ID P11-139 (S508-2)

Date: 04 March 2016

From ID P11-205 (S508-10)	to ID A1P9.2
From ID A1J9.2	to ID BUS 8
From W1 P2-19 (UUT J2-19)	to W1 P1B-13C
From ID J1B-13C	to ID A1J13.6
From ID A1P13.6	to ID P12-78 (S201-14)
FIOR ID AIF15.0	CO 1D F12 70 (B201 14)
From ID P12-52 (S201-4)	to TD A1P12 44
From ID A1J12.44	to ID A1J10.4
From ID A1P10.4	to ID P11-71 (S507-2)
From ID P11-72 (S507-4)	+0 ID 71D9 27
From ID AlJ9.27	to ID BUS 2
FIOR ID AIO9.27	CO 1D BOS 2
From W1 P2-53 (UUT J2-53)	to W1 P1B-12F
From ID J1B-12F	to ID A1J13.15
From ID A1P13.15	to ID P12-71 (S701-19)
FIOR ID AIFIS.15	CO ID FIZ /I (5/01 I)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID AlJ12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-129 (S506-8)	to ID A1P9.30
From ID A1J9.30	to ID BUS 6
110 12 11109.30	00 12 202 0
From ID BUS 6	to ID A1J8.48
From ID A1P8.48	to ID P10-171 (S301-50)
From ID P10-42 (S301-49)	to ID A1P7.24
From ID A1J7.24	to ID A1J4.16
	to ID R109.1
From ID R109.2	to ID A1P4.9
From ID AlJ4.9	to +28V
FIOR ID AIO4.9	CO 120V
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3
From ID A1P10.3	to ID P11-194 (S506-1)
From ID P11-164 (S506-3)	
From ID A1J9.23	to ID BUS 1
FIOR ID AIO9.23	CO ID B05 I
From ID P19-18 (CT-IN1)	to ID AlP21.1
From ID A1J21.1	to ID A1J6.8
From ID A1P6.8	to ID P10-162 (S501-2)
From ID P10-164 (S501-3)	to ID A1P7.29
From ID AlJ7.29	to ID BUS 1
LIOU ID HIO1.23	ב מחם חד הי

Step 618

Description:

This step applies 15.0 Vdc to pin J3.30 and -15.0 Vdc to pin J3.29. 28.0 Vdc is applied to pin J2.32 with respect J2.11. The voltage measured at pin J2.18 should be greater than 27.0 Vdc with respect to ground.

```
Connection Path is as follows:
See "UUT Power"
See "APPLY IC"
```

```
From W1 P2-18 (UUT J2-18) to W1 P1A-3C From ID J1A-3C to ID A1J15.3 from ID A1P15.3 to ID P13-70 (S701-9)
         From ID P12-76 (S701-1) to ID A1P12.50 From ID A1J12.50 to ID A1J10.3 From ID A1P10.3 to ID P11-194 (S506-1) From ID P11-129 (S506-8) to ID A1P9.30 From ID A1J9.30 to ID BUS 6
         From ID BUS 6 to ID A1J8.48
From ID A1P8.48 to ID P10-171
From ID P10-42 (S301-49) to ID A1P7.24
From ID A1J7.24 to ID A1J4.16
From ID A1P4.16 to ID R109.1
From ID R109.2 to ID A1P4.9
From ID A1J4.9 to +28V
                                                                  to ID P10-171 (S301-50)
         From ID R109.2
From ID A1J4.9
                                                                   to +28V
         From ID P12-76 (S701-1) to ID A1P12.50 From ID A1J12.50 to ID A1J10.3 From ID A1P10.3 to ID P11-194 (S506-1) From ID P11-164 (S506-3) to ID A1P9.23 From ID A1J9.23 to ID BUS 1
         From ID A1J9.23
                                                                  to ID BUS 1
         From ID P20-2 (DMM-HI) to ID A1P15.49
From ID A1J15.49 to ID A1J8.28
From ID A1P8.28 to ID P10-203 (S503-1)
From ID P10-77 (S503-3) to ID A1P6.13
From ID A1J6.13 to ID BUS 1
         From ID AlJ6.13
                                                                   to ID BUS 1
         From ID P20-3 (DMM-LO) to ID A1P15.50 from ID A1J15.50 to ID A1J7.38 from ID A1P7.38 to ID P10-130 (S301-23) from ID P10-229 (S301-24) to ID A1P7.36 from ID A1J7.36 to GROUND
Step 619
         Description:
         This step applies 15.0Vdc to pin J3.30 and -15.0Vdc to pin
J3.29. 28.0Vdc is applied to pin J2.32 with respect J2.11.
28.0Vdc is applied to pin J2.32.
26.0Vdc is applied to pin J2.32.
24.0Vdc is applied to pin J2.32.
22.0Vdc is applied to pin J2.32.
20.0Vdc is applied to pin J2.32.
19.0Vdc is applied to pin J2.32.
18.0Vdc is applied to pin J2.32.
The frequency at pin J2.18 should be between 0.5 and 8.5Hz.
         Connection Path is as follows:
         See "UUT Power"
         See "APPLY IC"
```

From	ID	P2-18 (UUT J2-18) J1A-3C A1P15.3	to	ID	P1A-3C A1J15.3 P13-70 (S701-9)
From From From	ID ID ID	A1J12.50	to to to	ID ID ID	A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6
From From From From	ID ID ID ID	A1P8.48 P10-42 (S301-49) A1J7.24 A1P4.16	to to to to	ID ID ID	A1J4.16 R109.1 A1P4.9
From From From	ID ID ID		to to to	ID ID ID	A1J10.3 P11-194 (S506-1)
From From From	ID ID ID	P19-18 (CT-IN1) A1J21.1 A1P6.8 P10-164 (S501-3) A1J7.29	to to to	ID ID ID	A1P21.1 A1J6.8 P10-162 (S501-2) A1P7.29 BUS 1

3.0 Functional Flow Chart (FFC)



