

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

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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 Doc # 93006A0018	Third Echelon Test System (TETS) 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)

<u>DESCRIPTION</u>	<u>NUMBER</u>	<u>REVISION</u>	<u>DATE</u>
Parts List	16101157	H	07-Jan-2003
	7566139	AK	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

1.4 Reference Drawings

Refer to the following schematics when diagnosing connection paths.

ID Schematic



13020A0001
(SYSTEM INTERCON)

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
From W1 P1A-14E	to W1 P3-30 (UUT J3-30)
From ID A1J2.15	to ID A1J10.14
From ID A1P10.14	to ID P11-140 (S301-161)

From ID P11-206 (S301-162)	to ID A1P10.16
From ID A1J10.16	to ID J1A-13E
From W1 P1A-13E	to W1 P2-10 (UUT J2-10)

From ID P1-16 (DC6-HI)	to ID A1P1.15
From ID A1J1.15	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 J1A-14D
From W1 P1A-14D	to W1 P3-29 (UUT J3-29)

From ID P1-10 (DC4-HI)	to ID A1P1.3
From ID A1J1.3	to ID A1J8.2
From ID A1P8.2	to ID P10-141 (S301-70)
From 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
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 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 INSTR-RTN	to ID A1J6.11
From ID A1P6.11	to ID P10-166 (S301-26)
From ID P10-102 (S30-25)	to ID A1P7.34
From ID A1J7.34	to GROUND

2.2 INTERFACE ID

Refer to [1.4 Reference Drawings](#) when diagnosing connection paths.

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

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	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 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 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 P10-137 (S503-7)	to ID A1P6.47
From ID A1J6.47	to ID BUS 5
From ID P20-3 (DMM-LO)	to ID A1P15.50
From ID A1J15.50	to ID A1J8.26
From ID A1P8.26	to ID P10-139 (S503-2)
From ID P10-170 (S503-8)	to ID A1P6.38
From ID A1J6.38	to ID BUS 6

2.3 UUT IDStep 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 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 P11-77 (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 W1 P3-18 (UUT J3-18)	to W1 P1B-12E
From ID J1B-12E	to ID A1J13.14
From ID A1P13.14	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 P11-195 (S506-4)	to ID A1P9.33
From ID A1J9.33	to ID BUS 2

From ID P20-3 (DMM-LO)	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
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)	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 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 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
From ID A1P10.2	to ID P11-39 (S507-1)
From ID P11-168 (S507-3)	to ID A1P9.17
From ID A1J9.17	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

2.5 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 15.0Vdc 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 J4.31 should be between 27.0 and 28.5Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power"

See "APPLY IC"

From W2 P4-A16 (UUT J4-31)	to W2 P1A-14C
From ID J2A-14C	to ID A1J10.19
From ID A1P10.19	to ID P11-253 (S405-5)
From ID P11-94 (S405-1)	to ID A1P9.47
From ID A1J9.47	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 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 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	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.

Connection Path is as follows:

See "UUT Power"

From W2 P2-10 (UUT J1-10)	to W2 P1B-9A
From ID J2B-9A	to ID A1J13.27

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 A1J1.15 (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	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 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 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 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 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.

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 P2-41 (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 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

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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)	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 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.

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 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
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 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.

Connection Path is as follows:

See "UUT Power"

From W1 P2-4 (UUT J2-4)	to W1 P1B-13A
From ID J1B-13A	to ID A1J13.2
From ID A1P13.2	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 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 P2-41 (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 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)	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 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 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)	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 P2-41 (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

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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
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 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.

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

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From W1 P3-18 (UUT J3-18)	to W1 P1B-12E
From ID J1B-12E	to ID A1J13.14
From ID A1P13.14	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)	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 111

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 J2.39 and J2.40 to ground. The output measured at pin J2.41 should be less than 0.5Vdc with respect to ground.

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 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 P2-41 (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

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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
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 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.

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 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)	to W1 P1B-12E
From ID J1B-12E	to ID A1J13.14
From ID A1P13.14	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)	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 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.

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 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 P2-39 (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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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 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
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 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.

Connection Path is as follows:

See "UUT Power"

See "APPLY IC"

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 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 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
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 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 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)	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 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 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)

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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.

Connection Path is as follows:

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)	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 P3-22 (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)	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 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

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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)	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 117

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.

Connection Path is as follows:

See "UUT Power"

See "APPLY IC"

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)	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

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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 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.

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 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

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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)	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
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 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.

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 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 P3-22 (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)	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 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 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

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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 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 W2 P4-A13 (UUT J4-25)	to W2 P1B-2D
From ID J2B-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
From ID A1J9.47	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 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 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

Step 121

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

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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 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 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 A1J9.31	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
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 P2-47 (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 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
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 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
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 122

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. 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.

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 P2-16 (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 P2-29 (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 A1J9.31	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
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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
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 P2-47 (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 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
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 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
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 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: 28.0Vdc is applied to J2.9 for 10ms, and then it is returned to the OPENED condition.

Connection Path is as follows:

See "UUT Power"

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 A1J9.31	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
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

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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 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 P2-39 (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
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 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

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
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)
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 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)
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 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 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.

Connection Path is as follows:

See "UUT Power"

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 P2-29 (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
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
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)
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 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)
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 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	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 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 P2-12 (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 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
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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)
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 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 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.

Connection Path is as follows:

See "UUT Power"

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

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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 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 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 P2-12 (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 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 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)
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)

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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)	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 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

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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)
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 P2-39 (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
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 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.

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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 P2-29 (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 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 P2-40 (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 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 P2-39 (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
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)	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 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.

Connection Path is as follows:

See "UUT Power"

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 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)
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)

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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 P2-13 (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 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 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 P2-39 (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
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 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.

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 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 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 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 P2-39 (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
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 132

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. 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.

Connection Path is as follows:

See "UUT Power"

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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 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
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)

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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
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.

Connection Path is as follows:

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)

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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 P2-29 (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
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
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 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
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

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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.

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 P2-5 (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
From ID A1P14.13	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 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 (S202-15)
From ID P13-93 (S202-3)	to ID A1P14.49

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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 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 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 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.

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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
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 P2-5 (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
From ID A1P14.13	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 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 (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)
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
From ID J1A-1F	to ID A1J14.11
From ID A1P14.11	to ID P13-51 (S201-28)

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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 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.

Connection Path is as follows:

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 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 P2-29 (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
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
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 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
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)

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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 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 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 P2-16 (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 P2-39 (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)

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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 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.

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
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 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

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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 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 P2-13 (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"

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 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 P2-13 (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 P2-5 (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

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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 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.

Connection Path is as follows:

See "UUT Power"

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 P2-29 (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)

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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
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 P2-5 (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 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 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.

Connection Path is as follows:

See "UUT Power"

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 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
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
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

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)

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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 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 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"

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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 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 P2-19 (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
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 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

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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 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.

Connection Path is as follows:

See "UUT Power"

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 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

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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 P2-5 (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 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 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 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.

Connection Path is as follows:

See "UUT Power"

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)	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 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 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)

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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)	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 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 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

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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)	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 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 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 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

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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 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.

Connection Path is as follows:

See "UUT Power"

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 P11-115 (S510-7)	to ID A1P9.38
From ID A1J9.38	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 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 P11-193 (S506-6)	to ID A1P9.50
From ID A1J9.50	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 W1 P2-56 (UUT J2-56)	to W1 P1B-11D
From ID J1B-11D	to ID A1J13.16
From ID A1P13.16	to ID P12-6 (S701-21)
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 P11-36 (S506-10)	to ID A1P9.10
From ID A1J9.10	to ID BUS 8
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)	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 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

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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 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 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

Step 147

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, J2.19 (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.

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
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
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
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)
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 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 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.

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
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 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
From W1 P2-47 (UUT J2-47)	to W1 P1A-3F
From ID J1A-3F	to ID A1J14.14

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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)
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 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 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 J1.7 should be greater than 13.0Vdc with respect to ground.

Connection Path is as follows:

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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 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
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 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 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.

Connection Path is as follows:

See "UUT Power"

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 P11-115 (S510-7)	to ID A1P9.38
From ID A1J9.38	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 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 P11-193 (S506-6)	to ID A1P9.50
From ID A1J9.50	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 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 (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 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 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
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

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
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

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 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 A1J13.25
From ID A1P13.25	to ID 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 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.

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 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
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

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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)
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 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 A1J13.25
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 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.

Connection Path is as follows:

See "UUT Power"

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)

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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 P3-16 (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
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
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
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 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 A1J13.25
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

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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)	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 P2-34 (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 P2-61 (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

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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 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 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 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 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.

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 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 P2-29 (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 P2-34 (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 P2-61 (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
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 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

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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)	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 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.

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 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 P2-29 (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 P2-34 (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 P2-9 (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
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 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 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 157

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, 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)	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 P2-27 (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)

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 P2-13 (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 P2-5 (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
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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 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.

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 P2-38 (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 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

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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 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 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 P2-13 (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 P2-5 (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 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 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 0.5Vdc 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)

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 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 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 P2-13 (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 P2-5 (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
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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)	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 160

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, 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)	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
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 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)	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 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

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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 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
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 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
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 P2-38 (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)

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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 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.

Connection Path is as follows:

See "UUT Power"

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 P2-39 (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 P2-9 (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

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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 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
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 P2-38 (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)	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 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.

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 P2-39 (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 P2-9 (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 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
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 P2-38 (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)	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 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.

Connection Path is as follows:

See "UUT Power"

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

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From ID A1P12.17	to ID P12-96 (S202-47)
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 P11-207 (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 P2-26 (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 P11-193 (S506-6)	to ID A1P9.50
From ID A1J9.50	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 W1 P2-56 (UUT J2-56)	to W1 P1B-11D
From ID J1B-11D	to ID A1J13.16
From ID A1P13.16	to ID P12-6 (S701-21)
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 P11-36 (S506-10)	to ID A1P9.10
From ID A1J9.10	to ID BUS 8
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 P2-12 (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 P2-39 (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)

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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 P2-9 (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 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
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 P2-38 (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)

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.

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 P2-27 (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 A1P14.11	to ID P13-51 (S201-28)
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)
From ID P13-29 (S202-4)	to ID A1P14.50
From ID A1J14.50	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)	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 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 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.

Connection Path is as follows:

See "UUT Power"

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)	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 P2-27 (UUT J2-27)	to W1 P1B-14C

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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 A1P14.11	to ID P13-51 (S201-28)
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)
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 P2-26 (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

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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)	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 P2-41 (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
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

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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)	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 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.

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 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 P2-41 (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
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 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)	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 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
From ID J1A-3F	to ID A1J14.14
From ID A1P14.14	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 (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 (S508-2)
From ID P11-205 (S508-10)	to ID A1P9.2

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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)
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 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.

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

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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
From ID J1A-3F	to ID A1J14.14
From ID A1P14.14	to ID P13-18 (S201-35)
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)
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

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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 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 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
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)

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 P2-9 (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)

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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 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)	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 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.

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

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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 P2-42 (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 P2-5 (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 P2-13 (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 P2-9 (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 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)	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)

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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.

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 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 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 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 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)	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 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

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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 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 P2-5 (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 P2-9 (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 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 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)	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 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.

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 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 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
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 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 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)	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)

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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 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
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

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)

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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 P2-13 (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 P2-38 (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 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 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

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 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
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 P2-13 (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 P2-38 (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

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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 P2-23 (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.

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 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
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 P2-38 (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 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

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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.

Connection Path is as follows:

See "UUT Power"

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 (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 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)	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 P11-193 (S506-6)	to ID A1P9.50
From ID A1J9.50	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
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 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
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 P2-38 (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 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

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

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. 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 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

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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)
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 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

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 P2-29 (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 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)
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)	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
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

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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)
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 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	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 204

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. Connect J3.14 to J3.16. The output measured at pin J2.23 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 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

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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 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
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
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
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 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	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

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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:

This step 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
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 (S201-31)
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 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

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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 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 P2-39 (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 P2-57 (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 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
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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 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 P2-62 (UUT J2-62)	to W1 P1B-7C
From ID J1B-7C	to ID A1J12.9
From ID A1P12.9	to ID P12-19 (S201-31)
From W1 P2-9 (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 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
From ID J1A-3F	to ID A1J14.14
From ID A1P14.14	to ID P13-18 (S201-35)
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 P2-57 (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)

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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 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.

Connection Path is as follows:

See "UUT Power"

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 P2-38 (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 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 P2-62 (UUT J2-62)	to W1 P1B-7C
From ID J1B-7C	to ID A1J12.9
From ID A1P12.9	to ID P12-19 (S201-31)
From W1 P2-9 (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 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
From ID J1A-3F	to ID A1J14.14
From ID A1P14.14	to ID P13-18 (S201-35)
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 P2-57 (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 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
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
From ID A1P12.9	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
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 P2-13 (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 P2-5 (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)

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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 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 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.

Connection Path is as follows:

See "UUT Power"

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

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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 P2-28 (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
From ID A1P12.9	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
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 P2-13 (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 P2-5 (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 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)

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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 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.

Connection Path is as follows:

See "UUT Power"

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 P2-8 (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 P2-29 (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

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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
From ID A1P12.9	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
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 P2-13 (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 P2-5 (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 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

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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 211

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, 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.

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
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
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
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)
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 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 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 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
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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 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
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
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)
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)
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)	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 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.

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

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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 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
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)
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 P2-57 (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 214

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 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.

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 P2-62 (UUT J2-62)	to W1 P1B-7C
From ID J1B-7C	to ID A1J12.9
From ID A1P12.9	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
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 P2-5 (UUT J2-5)	to W1 P1B-14A
From ID J1B-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 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 P2-57 (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 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

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 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 (S201-31)
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 P2-5 (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 P2-13 (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)

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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 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 P2-57 (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 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.

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 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 P2-5 (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 P2-13 (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 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)

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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 217

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, J2.19 (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.

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 P2-62 (UUT J2-62)	to W1 P1B-7C
From ID J1B-7C	to ID A1J12.9
From ID A1P12.9	to ID P12-19 (S201-31)
From W1 P2-28 (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)

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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 P2-19 (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
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 P2-13 (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 P2-8 (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 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 P2-46 (UUT J2-46)	to W1 P1B-7B
From ID J1B-7B	to ID A1J12.8

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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 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.

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 P2-16 (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 P2-29 (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 P2-62 (UUT J2-62)	to W1 P1B-7C
From ID J1B-7C	to ID A1J12.9
From ID A1P12.9	to ID P12-19 (S201-31)
From W1 P2-28 (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 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 P2-5 (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 P2-13 (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 P2-8 (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 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

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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.

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 P2-29 (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 P2-62 (UUT J2-62)	to W1 P1B-7C
From ID J1B-7C	to ID A1J12.9
From ID A1P12.9	to ID P12-19 (S201-31)
From W1 P2-28 (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 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 P2-5 (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 P2-8 (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 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)

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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 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.

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 P2-29 (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 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 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 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 P2-46 (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

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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 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
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 P2-62 (UUT J2-62)	to W1 P1B-7C
From ID J1B-7C	to ID A1J12.9
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
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 A1J14.14
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 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 P2-57 (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 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.

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 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 P2-62 (UUT J2-62)	to W1 P1B-7C
From ID J1B-7C	to ID A1J12.9
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
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 A1J14.14
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 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 P2-57 (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

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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)	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

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 224

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 J2.38. Short pin 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 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 P2-38 (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
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 225

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 J2.38. 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.

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 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)
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 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
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 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.

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	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	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
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

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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
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 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 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 P2-38 (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

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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)	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 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.

Connection Path is as follows:

See "UUT Power"

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 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

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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 P2-38 (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
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 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)
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 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)
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
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

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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.

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 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 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 P2-38 (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
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 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.

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 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 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)

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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
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 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.

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 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)
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	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 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 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
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 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.

Connection Path is as follows:

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 (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 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
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 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 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
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

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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 15.0Vdc 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 J3.19 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
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 235

Description:

Date: 04 March 2016

This step 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)	to W1 P1A-3E
From ID J1A-3E	to ID A1J14.13
From ID A1P14.13	to ID P13-19 (S201-34)
From W1 P2-39 (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
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 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.

Date: 04 March 2016

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	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	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 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.

Connection Path is as follows:
See "UUT Power"

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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 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 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
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 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. 28.0Vdc 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 J2.40 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 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 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)
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 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.

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 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 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)
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 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.

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 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 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

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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.

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 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 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 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.

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 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 P2-8 (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 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)

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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 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.

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 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 P2-39 (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 P2-8 (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 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 P3-19 (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 244

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 J3.19 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power"

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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

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 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.

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 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

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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.

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 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 P2-39 (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)

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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.

Connection Path is as follows:

See "UUT Power"

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)
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
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 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 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.

Connection Path is as follows:

See "UUT Power"

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)
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 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)	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 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.

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 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)
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)

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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
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 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.

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 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	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 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
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 251

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 J1.22. 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 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)
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 P3-19 (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 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"

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 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 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
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 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.

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 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 P2-39 (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
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 P3-19 (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

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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 15.0Vdc 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 J3.19 should be less than 0.5Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power"

See "APPLY IC"

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 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.

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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
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 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 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 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 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.

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 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 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 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.

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 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 P2-39 (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 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 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.

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 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 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
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

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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)	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 P3-16 (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
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 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.

Connection Path is as follows:
See "UUT Power"

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)
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 P3-16 (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
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 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.

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 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)
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 P3-16 (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
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)

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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.

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)
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
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 P3-16 (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 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 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.

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)
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
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

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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 P3-16 (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
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 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.

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)
 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 28.0Vdc to pin J1.70 with respect to J1.51. 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 P2-20 (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 A1J10.6
From ID A1P10.6	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
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.

Connection Path is as follows:

See "UUT Power"

From W2 P2-59 (UUT J1-59)	to W2 P1B-13D
From ID J2B-13D	to ID A1J12.30
From ID A1P12.30	to ID P12-56 (S202-8)
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 P2-20 (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 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)

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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)	to W2 P1B-13D
From ID J2B-13D	to ID A1J12.30
From ID A1P12.30	to ID P12-56 (S202-8)
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 P2-19 (UUT J1-19)	to W2 P1A-2C
From ID J2A-2C	to ID A1J14.33
From ID A1P14.33	to ID P13-22 (S201-44)
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 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.

Connection Path is as follows:

See "UUT Power"

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From W2 P2-59 (UUT J1-59)	to W2 P1B-13D
From ID J2B-13D	to ID A1J12.30
From ID A1P12.30	to ID P12-56 (S202-8)
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	to ID A1J14.35
From ID A1P14.35	to ID P13-23 (S201-49)
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 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.

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)
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)	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 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.

Connection Path is as follows:

See "UUT Power"

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 A1J12.48	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 P2-8 (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
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 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 28.0Vdc to pin J1.70 with respect to J1.51. 28.0Vdc is applied to pin J1.57. 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 P2-57 (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 A1J12.48	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 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

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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 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.

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

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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 P2-50 (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
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 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 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

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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 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.

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 P2-48 (UUT J1-48)	to W2 P1A-1D
From ID J2A-1D	to ID A1J14.37
From ID A1P14.37	to ID P13-54 (S201-51)
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 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)	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 P2-14 (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 P2-50 (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
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 278

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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"

From W2 P2-43 (UUT J1-43)	to W2 P1A-2D
From ID J2A-2D	to ID A1J14.36
From ID A1P14.36	to ID P13-55 (S201-50)
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 P2-8 (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 P2-50 (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
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 279

Description:

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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 W2 P2-43 (UUT J1-43)	to W2 P1A-2D
From ID J2A-2D	to ID A1J14.36
From ID A1P14.36	to ID P13-55 (S201-50)
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 P2-50 (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
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 280

Description:

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

Connection Path is as follows:

See "UUT Power"

See "APPLY IC"

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)

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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)	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 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.

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 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)	to ID A1P9.27
From ID A1J9.27	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 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

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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.

Connection Path is as follows:

See "UUT Power"

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 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)	to ID A1P9.27
From ID A1J9.27	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 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
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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 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 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)	to ID A1P9.27
From ID A1J9.27	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 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 284

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.

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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 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
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 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
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

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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)
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 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.

Connection Path is as follows:

See "UUT Power"

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

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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 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
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
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 287

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
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
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
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.

Step 301

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
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 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

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)

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 P2-28 (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 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

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 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
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

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.

Connection Path is as follows:

See "UUT Power"

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 P2-28 (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

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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
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

Step 305

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
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
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.

Connection Path is as follows:

See "UUT Power"

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 P2-28 (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 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)

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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:

This step 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.

Connection Path is as follows:

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 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 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"

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.

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)
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 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 310

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 J1.32 should be less than 0.2Vdc 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.

Connection Path is as follows:

See "UUT Power"

From W2 P2-67 (UUT J1-67)	to W2 P1B-12E
From ID J2B-12E	to ID A1J12.34
From ID A1P12.34	to ID P12-58 (S202-16)
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 P2-23 (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

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
From ID A1P15.2	to ID P13-6 (S701-8)
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 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 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 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.

Connection Path is as follows:

See "UUT Power"

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 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 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

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

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 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 A1J14.34
From ID A1P14.34	to ID P13-58 (S202-17)

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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 P2-16 (UUT J1-16)	to W2 P1B-11F
From ID J2B-11F	to ID A1J12.37
From ID A1P12.37	to ID P12-60 (S202-30)
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 317

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

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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 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)	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
From W2 P2-16 (UUT J1-16)	to W2 P1B-11F
From ID J2B-11F	to ID A1J12.37
From ID A1P12.37	to ID P12-60 (S202-30)
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 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 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 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 A1J12.35
From ID A1P12.35	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 (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 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 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 321

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 J1.12 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 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)

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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)	to W2 P1A-2F
From ID J2A-2F	to ID A1J14.42
From ID A1P14.42	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)	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 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

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ground.

Connection Path is as follows:

See "UUT Power"

See "APPLY IC"

From W2 P2-67 (UUT J1-67)	to W2 P1B-12E
From ID J2B-12E	to ID A1J12.34
From ID A1P12.34	to ID P12-58 (S202-16)
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 P2-33 (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 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 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 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 P2-67 (UUT J1-67)	to W2 P1B-12E
From ID J2B-12E	to ID A1J12.34
From ID A1P12.34	to ID P12-58 (S202-16)
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 P2-33 (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 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 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.

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)

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 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.

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)
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 P2-34 (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)
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)

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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:

This step 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.

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 P2-43 (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 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 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.

Connection Path is as follows:

See "UUT Power"

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 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 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 P2-43 (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 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 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)	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 P2-43 (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 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 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.

Connection Path is as follows:
See "UUT Power"

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 (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 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 P2-43 (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 P11-193 (S506-6)	to ID A1P9.50
From ID A1J9.50	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
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

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 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
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 P2-43 (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 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

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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.

Connection Path is as follows:

See "UUT Power"

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 P2-34 (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
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 P2-43 (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 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 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.

Connection Path is as follows:

See "UUT Power"

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
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 P2-43 (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 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 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 J2.29 and 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 msec.

Connection Path is as follows:

See "UUT Power"

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 (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 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 P2-43 (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 P11-193 (S506-6)	to ID A1P9.50
From ID A1J9.50	to ID BUS 4
From ID P19-19 (CT-IN2)	to ID A1P22.1
From ID A1J22.1	to ID A1J6.10

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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 P2-34 (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
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

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 (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 P2-47 (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 P2-22 (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 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 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.

Connection Path is as follows:

See "UUT Power"

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)	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
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)
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 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 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:

See "UUT Power"

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 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 P11-115 (S510-7)	to ID A1P9.38
From ID A1J9.38	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 P2-59 (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 P11-193 (S506-6)	to ID A1P9.50
From ID A1J9.50	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 P2-34 (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
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:

This step 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.

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 P2-13 (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 P2-59 (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

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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.

Connection Path is as follows:

See "UUT Power"

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 P2-29 (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 P2-13 (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 P2-59 (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 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 15.0Vdc 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 J2.20 should be less than 0.2Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power"

See "APPLY IC"

From W1 P2-20 (UUT J2-20)	to W1 P1B-4A
From 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
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
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 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.

Connection Path is as follows:

See "UUT Power"

From W1 P2-21 (UUT J2-21)

to W1 P1B-5C

From ID J1B-5C

to ID A1J12.15

From 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

From 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

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

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

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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

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 J2.54 should be less than 0.2Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power"

See "APPLY IC"

From W1 P2-54 (UUT J2-54)	to W1 P1B-4C
From ID J1B-4C	to ID A1J12.18
From ID A1P12.18	to ID P12-32 (S202-48)

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

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 343

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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 J2.55. The output measured at pin J2.54 should be between 27.0 and 27.6Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power"

From W1 P2-55 (UUT J2-55)	to W1 P1A-2E
From ID J1A-2E	to ID A1J14.10
From ID A1P14.10	to ID P13-83 (S201-27)
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 P2-54 (UUT J2-54)	to W1 P1B-4C
From ID J1B-4C	to ID A1J12.18
From ID A1P12.18	to ID P12-32 (S202-48)
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
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)

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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 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 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 (S202-25)

From ID P13-93 (S202-3)	to ID A1P14.49
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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 P2-47 (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 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 346

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 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

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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)	to W2 P1B-7C
From ID J2B-7C	to ID A1J12.22
From ID A1P12.22	to ID P12-91 (S202-23)

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 P2-47 (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 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 348

Description:

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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.

Connection Path is as follows:

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	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 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 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:

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)
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
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 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 350

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

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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 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	
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

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.

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)
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 P2-25 (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 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 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

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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.

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)

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 P3-1 (UUT J3-1)

to W1 P1B-11E

From ID J1B-11E

to ID A1J13.22

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 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

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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 15.0Vdc 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 J2.24 should be between 26.8 and 27.4Vdc with respect to ground.

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)
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 P2-24 (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)
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 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 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 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 P2-63 (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)
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 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 355

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 J2.58 should be between 26.8 and 27.4Vdc with respect to ground.

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)
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 P2-58 (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)
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

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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 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
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 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

From W1 P2-35 (UUT J2-35)	to W1 P1B-9C
From ID J1B-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 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)	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 358

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 J1.9 should be between 26.8 and 27.4Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power"

See "APPLY IC"

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)
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	o 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)

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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
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)	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

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 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)	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 P2-63 (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
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

2.8 MODULE 4: Output Signals Continued

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.

Step 401

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.

Connection Path is as follows:

See "UUT Power"

See "APPLY IC"

From W1 P3-11 (UUT J3-11)	to W1 P1A-7E
From ID J1A-7E	to ID A1J14.21
From ID A1P14.21	to ID P13-90 (S202-26)
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 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 402

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 J3.11 should be less than 0.2Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power"

From W1 P3-11 (UUT J3-11)	to W1 P1A-7E
From ID J1A-7E	to ID A1J14.21
From ID A1P14.21	to ID P13-90 (S202-26)
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 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 W2 P2-67 (UUT J1-67)	to W2 P1B-12E
From ID J2B-12E	to ID A1J12.34
From ID A1P12.34	to ID P12-58 (S202-16)
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 P3-11 (UUT J3-11)	to W1 P1A-7E
From ID J1A-7E	to ID A1J14.21
From ID A1P14.21	to ID P13-90 (S202-26)
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 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.

Connection Path is as follows:

See "UUT Power"

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)	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 P3-11 (UUT J3-11)	to W1 P1A-7E
From ID J1A-7E	to ID A1J14.21
From ID A1P14.21	to ID P13-90 (S202-26)
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 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.

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)
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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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 P3-11 (UUT J3-11)	to W1 P1A-7E
From ID J1A-7E	to ID A1J14.21
From ID A1P14.21	to ID P13-90 (S202-26)
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 406

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 between 17.3 and 17.7Vdc with respect to ground

Connection Path is as follows:

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 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 407

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 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"

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 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 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.

Connection Path is as follows:

See "UUT Power"

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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 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
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.

Connection Path is as follows:

See "UUT Power"

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.

Connection Path is as follows:

See "UUT Power"

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 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 P3-7 (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
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

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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 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

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 412

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. The voltage measured at pin J1.60 should be less than 0.2Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power"

See "APPLY IC"

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

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

Step 413

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 J1.60 should be less than 0.2Vdc with respect to ground.

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
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

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From ID A1J12.36	to ID A1J10.12
From ID A1P10.12	to ID P11-242 (S509-2)
From ID P11-144 (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 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	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.

Connection Path is as follows:

See "UUT Power"

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 P2-49 (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
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
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 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 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
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 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.

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 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
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 417

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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.

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
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
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)

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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 (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 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

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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.

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
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
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 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 420

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. The voltage measured at 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 P2-25 (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 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

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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 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.

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)
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 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

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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.

Connection Path is as follows:

See "UUT Power"

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 P2-28 (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 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 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	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"

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

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

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 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 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 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 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36

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.

Connection Path is as follows:

See "UUT Power"

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 P2-28 (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 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 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 (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 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 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 P2-25 (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 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

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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 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.

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)
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 P2-25 (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 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

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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:

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.

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 (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 P2-24 (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 A1J10.3

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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 GROUND

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.

Connection Path is as follows:

See "UUT Power"

From W1 P2-4 (UUT J2-4)	to W1 P1B-13A
From ID J1B-13A	to ID A1J13.2
From ID A1P13.2	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 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 P2-24 (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)	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 GROUND

Step 430

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 28.0Vdc is removed from pin J1.1. The voltage measured at pin J1.58 should be less than 0.2Vdc with respect to ground.

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
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 P2-24 (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 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 GROUND

Step 431

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. The voltage measured at pin J1.39 should be greater than 27.0Vdc with respect to ground.

Connection Path is as follows:

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
From ID A1P14.48	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 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 P12-59 (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
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	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 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.

Connection Path is as follows:

See "UUT Power"

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 P11-195 (S506-4)	to ID A1P9.33
From ID A1J9.33	to ID BUS 2
From W2 P2-39 (UUT J1-39)	to W2 P1A-5E
From ID J2A-5E	to ID A1J14.48
From ID A1P14.48	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 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 P12-59 (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

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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 433

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. The voltage measured at pin J1.37 should be greater than 27.5Vdc with respect to ground.

Connection Path is as follows:

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 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

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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)
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 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.

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 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 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)
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 435

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. The voltage measured at pinJ1.37 should be greater than 27.5Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power"

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.

Connection Path is as follows:

See "UUT Power"

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 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

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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)
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 437

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. The voltage measured at pin J1.46 should be less than 0.2Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power"

See "APPLY IC"

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

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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)	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 438

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 J1.40. The voltage measured at pin J1.46 should be greater than 27.5Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power"

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)	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 P2-46 (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	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 P12-44 (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 439

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. The voltage measured at pin J1.46 should be less than 0.2Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power"

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 A1J4.10	to GROUND

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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 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.

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
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 P2-46 (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 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 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

2.9 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.

Step 501

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. Measure the voltage at J3.24 and adjust to -1.2 +/-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
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

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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
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 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 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.

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 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

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 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

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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)	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 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 +/-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.

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 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	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
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)	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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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. 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.

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 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	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)

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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 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 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.

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 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	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
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)	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 506

Description:

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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. -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. The voltage measured at J3.24 shall be between -1.562Vdc and -1.362Vdc with respect to ground.

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 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	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 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 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)	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)

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

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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
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 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
From ID A1J9.16	to ID BUS 7
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)	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 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.

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 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)

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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
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
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 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 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.

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 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 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
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)	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 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. +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.

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 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)

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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
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
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)	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 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

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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.

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 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 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
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

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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.

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 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

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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
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)	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 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)
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 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
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 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 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 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.

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 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 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)	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
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 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 516

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 J1.63 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
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)	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 P2-63 (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
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 517

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

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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.

Connection Path is as follows:
See "UUT Power"

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)	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 P2-2 (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
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 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 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.

Connection Path is as follows:

See "UUT Power"

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)

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 P2-4 (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

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 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)

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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.

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
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 P2-5 (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)	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 P2-63 (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

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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 (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.

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
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 P2-5 (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)

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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)	to W2 P1B-8F
From ID J2B-8F	to ID A1J12.43
From ID A1P12.43	to ID P12-64 (S202-37)
From W2 P2-9 (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)
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 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 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.

Connection Path is as follows:

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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 P2-5 (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)	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 P2-2 (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
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 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

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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.

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
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 P2-5 (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)	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 P2-4 (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
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

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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)	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 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.

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
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 P2-5 (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)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2

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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
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 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.

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
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
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)	to ID A1P9.31
From ID A1J9.31	to ID BUS 2
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)
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 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 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

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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.

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
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 P2-5 (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)	to ID A1P9.31
From ID 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
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 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

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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.

Connection Path is as follows:

See "UUT Power"

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 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
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)

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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.

Connection Path is as follows:

See "UUT Power"

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 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)
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

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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)	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 GROUND

Step 528

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 J1.2 should be less than 0.7 volts.

Connection Path is as follows:

See "UUT Power"

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 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)

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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 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 GROUND

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.

Connection Path is as follows:

See "UUT Power"

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 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 ID P12-20 (S201-3)	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 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	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)
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
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 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 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)
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.

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 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)
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

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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	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 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 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:

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	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	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 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 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 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 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.

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 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 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 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	o 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 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)	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 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 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

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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 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 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.

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
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 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 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 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 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 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.

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 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
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

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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)
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	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	o ID P10-162 (S501-2)
From ID P10-164 (S501-3)	to ID A1P7.29
From ID A1J7.29	to ID BUS 1

Step 537

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. 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.

Connection Path is as follows:

See "UUT Power"

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 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
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 P3-3 (UUT J3-3)	to W1 P1A-5B
From ID J1A-5B	to ID A1J15.8

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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 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)
From ID P10-164 (S501-3)	to ID A1P7.29
From ID A1J7.29	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.

Connection Path is as follows:

See "UUT Power"

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 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
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 P2-3 (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 A1J4.9	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 A1P7.29
From ID A1J7.29	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.

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 P2-46 (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 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

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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 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 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)	to W1 P1B-7B
From ID J1B-7B	to ID A1J12.8
From ID A1P12.8	to ID P12-50 (S201-30)

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 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

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)

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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 P2-3 (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 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 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

and 8.5 Hz.

Connection Path is as follows:
See "UUT Power"

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 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 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

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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 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 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)
From ID P10-164 (S501-3)	to ID A1P7.29
From ID A1J7.29	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

Connection Path is as follows:

See "UUT Power"

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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 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 P2-14 (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)	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 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 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.

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 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
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 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 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)
From ID P10-164 (S501-3)	to ID A1P7.29
From ID A1J7.29	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.

Connection Path is as follows:

See "UUT Power"

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 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 P2-14 (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 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 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)	o 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 545

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 J3.3 should be between 0.5 and 8.5Hz.

Connection Path is as follows:

See "UUT Power"

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 P2-50 (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)	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
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 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 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 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.

Connection Path is as follows:

See "UUT Power"

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)	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

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

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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 P2-49 (UUT J2-49)	to W1 P1B-4B
From ID J1A-4B	to ID A1J15.5
From ID A1P15.5	to ID P13-72 (S701-15)
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 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 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.

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 P2-50 (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)	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
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

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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	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)
From ID P10-164 (S501-3)	to ID A1P7.29
From ID A1J7.29	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.

Connection Path is as follows:

See "UUT Power"

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)	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
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 P2-49 (UUT J2-49)	to W1 P1B-4B
From ID J1A-4B	to ID A1J15.5
From ID A1P15.5	to ID P13-72 (S701-15)
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 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 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.

Connection Path is as follows:

See "UUT Power"

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 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
From ID A1P14.17	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)	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
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 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 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 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 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.

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 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 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
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

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 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 GROUND

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.

Connection Path is as follows:

See "UUT Power"

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 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)

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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
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 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

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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 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 GROUND

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.

Connection Path is as follows:

See "UUT Power"

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 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 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
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 P2-2 (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)	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 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 GROUND

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.

Connection Path is as follows:

See "UUT Power"

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)
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)
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 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
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

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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)
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	o 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 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 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 8.5Hz.

Connection Path is as follows:

See "UUT Power"

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)

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)

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 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
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 P2-14 (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 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 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 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.

Connection Path is as follows:

See "UUT Power"

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)

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)

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 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

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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)
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)	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 P2-3 (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)

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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)
From ID P10-164 (S501-3)	to ID A1P7.29
From ID A1J7.29	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.

Connection Path is as follows:

See "UUT Power"

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)
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)
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 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
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

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From W1 P2-49 (UUT J2-49)	to W1 P1B-4B
From ID J1A-4B	to ID A1J15.5
From ID A1P15.5	to ID P13-72 (S701-15)
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 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 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.

Connection Path is as follows:

See "UUT Power"

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)
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 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
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

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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
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 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 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.

Connection Path is as follows:
See "UUT Power"

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)

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)

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 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

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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 P2-2 (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)
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 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

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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.

Connection Path is as follows:

See "UUT Power"

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)
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)
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 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
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 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)	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 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.

Connection Path is as follows:

See "UUT Power"

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)
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)

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 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
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 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)
From ID P12-76 (S701-1)	to ID A1P12.50
From ID A1J12.50	to ID A1J10.3

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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 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 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.

Connection Path is as follows:

See "UUT Power"

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)

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)
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 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
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 P2-63 (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
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 (S301-23)
From ID P10-229 (S301-24)	to ID A1P7.36
From ID A1J7.36	to GROUND

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)	to W1 P1A-2C
From ID J1A-2C	to ID A1J14.6
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)
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

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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	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 (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.

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 A1J14.6
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)

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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 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 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 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 A1J14.6

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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)
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 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 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 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
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 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
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 P2-65 (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	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 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 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 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 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 568

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 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.

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 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 ID J1A-3F	to ID A1J14.14
From ID A1P14.14	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 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

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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 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.

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 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 ID J1A-3F	to ID A1J14.14
From ID A1P14.14	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 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

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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 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 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.

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 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 ID J1A-3F	to ID A1J14.14
From ID A1P14.14	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)

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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 P3-1 (UUT J3-1)	to W1 P1B-11E
From ID J1B-11E	to ID A1J13.22
From ID A1P13.22	to ID P12-75 (S701-43)
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 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 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 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 ID J1A-3F	to ID A1J14.14
From ID A1P14.14	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 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)
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 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 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.

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 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)	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
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

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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.

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 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 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	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 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 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.

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 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 W1 P3-1 (UUT J3-1)	to W1 P1B-11E
From ID J1B-11E	to ID A1J13.22
From ID A1P13.22	to ID P12-75 (S701-43)

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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 P11-129 (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 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)	o 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 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.

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 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

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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)
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 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 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.

Connection Path is as follows:

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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
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
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 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.

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)
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)
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 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	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 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 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.

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)
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)
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 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 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.

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)
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)
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 P2-64 (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)
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 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.

Connection Path is as follows:

See "UUT Power"

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 (S201-31)
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 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	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 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 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.

Connection Path is as follows:

See "UUT Power"

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 (S201-31)
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

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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 P3-1 (UUT J3-1)	to W1 P1B-11E
From ID J1B-11E	to ID A1J13.22
From ID A1P13.22	to ID P12-75 (S701-43)
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 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 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.

Connection Path is as follows:

See "UUT Power"

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 (S201-31)
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 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)
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 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)

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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.

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)

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)

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
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 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.

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)
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)
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	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 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 586

Description:

Date: 04 March 2016

This step 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.

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)
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)
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)
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 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 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 J2.11. 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 J2.64 should be greater than 27.2Vdc with respect to ground.

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)
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

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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 P2-64 (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)
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 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 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

27.2Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power"

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
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 A1P14.13	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 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)

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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 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
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 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"

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
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 A1P14.13	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 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

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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 P3-3 (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 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 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 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:

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See "UUT Power"

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
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 A1P14.13	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 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

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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 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)
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 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

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.

Connection Path is as follows:

See "UUT Power"

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

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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 A1P14.13	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 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 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)
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 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

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.

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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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 P2-28 (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 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 (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	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 P2-39 (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

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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 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
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 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
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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)	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
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)	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 (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	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 P2-39 (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 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 P3-3 (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 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 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 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.

Date: 04 March 2016

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 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 P2-28 (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 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 (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	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

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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 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)
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 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 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 27.2Vdc 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 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 P2-28 (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 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 (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	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 P2-39 (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 P2-64 (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)
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 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

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.

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 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 P2-28 (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 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 (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	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 P2-39 (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 P2-48 (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)
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 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

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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.

Connection Path is as follows:

See "UUT Power"

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 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
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)	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 (S201-23)

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

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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 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 P3-3 (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 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 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 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 0.9Vdc with respect to ground.

Connection Path is as follows:
See "UUT Power"

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 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
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)	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 (S201-23)
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 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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From ID A1J9.2	to ID BUS 8
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)
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 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 GROUND

Step 608

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 J3.3 should be less than 0.9Vdc with respect to ground.

Connection Path is as follows:

See "UUT Power"

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)

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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 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
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)	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 (S201-23)
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 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 P3-3 (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 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 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 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.

Connection Path is as follows:

See "UUT Power"

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

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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 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
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)	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 (S201-23)
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 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 P2-48 (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)
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	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 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.

Connection Path is as follows:

See "UUT Power"

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 A1J14.3
From ID A1P14.3	to ID P13-80 (S201-11)

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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 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 (S201-23)
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 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 P3-1 (UUT J3-1)	to W1 P1B-11E
From ID J1B-11E	to ID A1J13.22
From ID A1P13.22	to ID P12-75 (S701-43)
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

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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 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 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.

Connection Path is as follows:

See "UUT Power"

From W1 P2-32 (UUT J2-32)	to W1 P1B-6B
From ID J1B-6B	o ID A1J12.11
From ID A1P12.11	to ID P12-22 (S201-37)
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 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

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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 (S201-23)
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 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 P2-63 (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
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

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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"

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 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 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 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 (S201-23)
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 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 P3-3 (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 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 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 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"

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 P2-5 (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)
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 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 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

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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 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.

Connection Path is as follows:

See "UUT Power"

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 P2-5 (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	to ID A1J8.48
From ID A1P8.48	to ID P10-171 (S301-50)
From ID P10-42 (S301-49)	o 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 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 8.5Hz.

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 P2-15 (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 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 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)	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
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 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.

Connection Path is as follows:

See "UUT Power"

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)	o 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 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 P2-52 (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)	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	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)
From ID P10-164 (S501-3)	to ID A1P7.29
From ID A1J7.29	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 8.5Hz.

Connection Path is as follows:

See "UUT Power"

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 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 P2-53 (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)
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 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 618

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. The voltage measured at pin J2.18 should be greater than 27.0Vdc 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 (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 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 W1 P2-18 (UUT J2-18)
 From ID J1A-3C
 From ID A1P15.3

to W1 P1A-3C
 to ID A1J15.3
 to ID P13-70 (S701-9)

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

3.0 Functional Flow Chart (FFC)



