Date: 04 March 2016

English Language Test Description

MIPR # M9545012MP24797 CDRL F001

for

Unit Under Test

CDA Control Logic A CCA P/N 16101157-021 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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Date: 04 March 2016

ELTD REVISION SUMMARY

Revision Number	Date	Reason	Approved By - Date Approved B. Nimmick 3/4/2016
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Date: 04 March 2016

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1.0 Reference Documents

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

IEEE Std 716-1989 IEEE Standard Common

Abbreviated Test Language

for All Systems

TM TBD-CD VIPER/T IETM (Interactive

Electronic Technical Manual)

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

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

Programming Manual)

1.2 Third Echelon Test System (TETS-B)

TM 10530A-CD TETS IETM (Interactive

Electronic Technical Manual)

System Design Description Third Echelon Test System

(TETS)

Doc # 93006A0018 AN/USM-657

TETS P/N 93006A0026 TETS CPM (Computer

Programming Manual)

1.3 Unit Under Test

UUT P/N: 16101157-021

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

<u>DESCRIPTION</u>	<u>NUMBER</u>	<u>REVISION</u>	<u>DATE</u>
Parts List	16101157-011	Н	07-Jan-2003
LRU QA			
Specification	ES13456	None	None
Circuit Card Assy,			
Control Logic A	16101157-011	Н	07-Jan-2003
Schematic Diagram,			
Control Logic A	16101160-001	None	None

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1.4 Reference Drawings

Refer to the following schematics when diagnosing connection paths.

ID Schematic



W1 Schematic



13020A7101 (CABLE, W1, 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 J1-10 (LO) using DC2.

-15V Power is applied to J3-29 (HI) and J1-10 (LO) using DC6.

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

FROM I	D P1-4 (DC2-HI)	TO ID A1P1.2	
FROM I	D A1J1.2	TO ID A1J2.23	
FROM I	D A1P2.23	TO ID P10-22 (S101-1)	
FROM I	D P10-86 (S101-2)	TO ID A1P2.15	
FROM I	D A1J2.15	TO ID J1A-14E	
FROM W	1 P1A-14E	TO W1 P3-30 (UUT J3-30)	
FROM I	D A1J2.15	TO ID A1J10.14	
FROM I	D A1P10.14	TO ID P11-140 (S301-161))
FROM I	D P11-206 (S301-162)	TO ID A1P10.16	
FROM I	D A1J10.16	TO ID J1A-13E	
FROM W	1 P1A-13E	TO W1 P2-10 (UUT J1-10)	
FROM I	D P1-16 (DC6-HI)	TO ID A1P1.15	
FROM I	D A1J1.15	TO ID A1J2.20	
FROM I	D A1P2.20	TO ID P10-25 (S101-13)	

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	P10-89 (S101-14) A1J2.33 P1A-14D	TO	ID	A1P2.33 J1A-14D P3-29 (UUT J3-29)
FROM ID FROM ID	A1P8.2 P10-44 (S301-69)	TO TO TO	ID ID ID	A1P1.3 A1J8.2 P10-141 (S301-70) A1P8.31 BUS 2
FROM ID FROM ID	P2-67 (UUT J1-67) J1A-6F A1P14.20 P13-29 (S202-4) A1J14.50	TO TO	ID ID	A1J14.20 P13-24 (S202-20)
FROM ID	A1P10.50 P11-147 (S510-4)	TO TO	ID ID	P11-244 (S510-2) A1P9.31 BUS 2
FROM ID	(/	TO	ID	P1B-5B A1J12.14 P12-27 (S202-24)
FROM ID FROM ID	(·= /	TO TO TO	ID ID ID	A1P14.50 A1J10.50 P11-244 (S510-2) A1P9.31 BUS 2

2.1.2 APPLY IC

Description:

Connect CT-RTN to BUS8
Connect CT-RTN to INSTR-GND

CONNECTION PATH IS AS FOLLOWS:

FROM CT-RTN FROM ID A1P6.9 FROM ID P10-253 (S402-5) FROM ID A1J6.22	TO ID A1J6.9 TO ID P10-94 (S402-1) TO ID A1P6.22 TO ID BUS8
FROM INSTR-RTN FROM ID A1P6.11 FROM ID P10-102 (S301-25) FROM ID A1J7.34	TO ID A1J6.11 TO ID P10-166(S301-26) TO ID A1P7.34 TO GROUND

2.2 INTERFACE ID

STEP 1

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DESCRIPTION:

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

CONNECTION PATH IS AS FOLLOWS:

FROM ID BUS 5 FROM ID A1P8.47 FROM ID P10-7 (S301-47) FROM ID A1J7.23 FROM ID A1P4.15 FROM ID R111.2 FROM ID A1J4.9	TO ID A1J8.47 TO ID P10-73 (S301-48) TO ID A1P7.23 TO ID A1J4.15 TO ID R111.1 TO ID A1P4.9 TO +28V
FROM ID BUS 6 FROM ID A1P8.48 FROM ID P10-42 (S301-49) FROM ID A1J7.24 FROM ID A1P4.16 FROM ID R109.2 FROM ID A1J4.9	TO ID A1J8.48 TO ID P10-171 (S301-50) TO ID A1P7.24 TO ID A1J4.16 TO ID R109.1 TO ID A1P4.9 TO +28V
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-137 (S503-7) FROM ID A1J6.47	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.47 TO ID BUS 5
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P8.26 FROM ID P10-170 (S503-8) FROM ID A1J6.38	TO ID A1P15.50 TO ID A1J8.26 TO ID P10-139 (S503-2) TO ID A1P6.38 TO ID BUS 6

2.3 UUT ID

STEP 2

DESCRIPTION:

This step verifies the correct UUT is installed. The DMM is used to measure continuity between UUT pins J1.32 and J1.67. The DMM should measure less than 10 ohms.

FROM W1	P2-32 (UUT J1-32)	TO	W1	P1B-6B
FROM ID	J1B-6B	ТО	ID	A1J12.11
FROM ID	A1P12.11	TO	ID	P12-22 (S201-37)
FROM ID	P12-16 (S201-1)	TO	ID	A1P12.42
FROM ID	A1J12.42	ТО	ID	A1J10.6

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FROM ID A FROM ID A FROM ID A	P11-77 (S508-3)	TO I	ID	P11-203 (S508-1) A1P9.15 BUS 1
FROM ID A	A1P8.28 P10-77 (S503-3)	TO :	ID ID ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
FROM W1 P FROM ID J FROM ID A	J1A-6F	TO I	ID	P1A-6F A1J14.20 P13-24 (S202-20)
FROM ID A		TO I	ID ID	A1P14.50 A1J10.50 P11-244 (S510-2) A1P9.31
FROM ID A	A1P8.26 P10-12 (S503-4)	TO 3	ID ID ID	A1P15.50 A1J8.26 P10-139 (S503-2) A1P6.23 BUS 2

2.4 SAFE TO TURN ON

Refer to <u>1.4 Reference Drawings</u> 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 J1.45. THE DMM SHOULD MEASURE GREATER THAN 10 KOHMS.

FROM ID	P20-2 (DMM-HI)	TO	ID	A1P15.49
FROM ID	A1J15.49	TO	ID	A1J7.42
FROM ID	A1P7.42	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)
FROM ID	P10-229 (S301-24)	TO	ID	A1P7.36
FROM ID	A1J7.36	TO	GRO	DUND

Date: 04 March 2016

STEP 4

DESCRIPTION:

THIS VERIFIES THE CONTINUITY OR ISOLATION OF TWO UUT PINS. THE DMM IS USED TO MEASURE THE RESISTANCE FROM UUT J1.10 TO UUT J1.45. THE DMM SHOULD MEASURE GREATER THAN 10 KOHMS.

CONNECTION PATH IS AS FOLLOWS:

FROM W1 P2-10 (UUT J1-10)	TO W1 P1A-13E
FROM ID J1A-13E	TO ID A1J10.16
FROM ID A1P10.16	TO ID P11-206 (S301-162)
FROM ID P11-140 (S301-161)	TO ID A1P10.14
FROM ID A1J10.14	TO ID A1J2.15
FROM ID P20-2 (DMM-HI)	TO ID A1P15.49
FROM ID A1J15.49	TO ID A1J7.42
FROM ID A1P7.42	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 J1-10)
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID A1P7.38	TO ID P10-130 (S301-23)
FROM ID P10-229 (S301-24)	TO ID A1P7.36
FROM ID 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 J3.29 TO UUT J1.45. THE DMM SHOULD MEASURE GREATER THAN 500 OHMS.

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	ТО	GRO	DUND

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STEP 6

DESCRIPTION:

THIS VERIFIES THE CONTINUITY OR ISOLATION OF TWO UUT PINS. THE DMM IS USED TO MEASURE THE RESISTANCE FROM UUT J1.67 TO UUT J1.45. THE DMM SHOULD MEASURE GREATER THAN 10 KOHMS.

CONNECTION PATH IS AS FOLLOWS:

UT J1-67)	TO W1	P1A-6F
	TO ID	A1J14.20
	TO ID	P13-24 (S202-20)
S202-4)	TO ID	A1P14.50
	TO ID	A1J10.50
	TO ID	P11-244 (S510-2)
(S510-3)	TO ID	A1P9.21
	TO ID	BUS 1
MM-HI)	TO ID	A1P15.49
	TO ID	A1J8.28
	TO ID	P10-203 (S503-1)
S503-3)	TO ID	A1P6.13
	TO ID	BUS 1
MM-LO)	TO ID	A1P15.50
	TO ID	A1J7.38
	TO ID	P10-130 (S301-23)
(S301-24)	TO ID	A1P7.36
	TO GR	OUND
]	S202-4) (S510-3) MM-HI) S503-3) MM-LO) (S301-24)	TO ID

STEP 7

DESCRIPTION:

THIS VERIFIES THE CONTINUITY OR ISOLATION OF TWO UUT PINS. THE DMM IS USED TO MEASURE THE RESISTANCE FROM UUT J3.6 TO UUT J1.45. THE DMM SHOULD MEASURE GREATER THAN 10 KOHMS.

FROM W1 P3-6 (UUT J3-6)	TO W1 P1B-5B
FROM ID J1B-5B	TO ID A1J12.14
FROM ID A1P12.14	TO ID P12-27 (S202-24)
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 P11-180 (S510-3)	TO ID A1P9.21
FROM ID A1J9.21	TO ID BUS 1
FROM ID P20-2 (DMM-HI)	TO ID A1P15.49
FROM ID A1J15.49	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 8

DESCRIPTION:

THIS VERIFIES THE CONTINUITY OR ISOLATION OF TWO UUT PINS. THE DMM IS USED TO MEASURE THE RESISTANCE FROM UUT J1.43 TO UUT J1.45. THE DMM SHOULD MEASURE BETWEEN 500 AND 850 OHMS.

CONNECTION PATH IS AS FOLLOWS:

FROM ID	P20-2 (DMM-HI)	TO	ID	A1P15.49
FROM ID	A1J15.49	TO	ID	A1J8.28
FROM ID	A1P8.28	ТО	ID	P10-203 (S503-1)
FROM ID	P10-77 (S503-3)	ТО	ID	A1P6.13
	A1J6.13	ΤО	TD	BUS 1
111011 12	1120 0 1 20			
FROM W1	P2-43 (UUT J1-43)	ТО	W1	P1B-9D
FROM ID	J1B-9D	TO	ID	A1J13.17
FROM ID	A1P13.17	ТО	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)	ТО	ID	A1P9.23
FROM ID	A1J9.23	ТО	ID	BUS 1
FROM ID	P20-3 (DMM-LO)	ТО	ID	A1P15.50
FROM ID	A1J15.50	TO	ID	A1J7.38
FROM ID	A1P7.38	ТО	ID	P10-130 (S301-23)
FROM ID	P10-229 (S301-24)	ТО	ID	A1P7.36
	A1J7.36	ТО	GRO	DUND
	- · · · · ·			-

2.5 MODULE 1: DISCRETE OUTPUTS

Refer to 1.4 Reference Drawings when diagnosing connection paths.

STEP 101

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT PIN J3.4 SHOULD BE BETWEEN 27.2 AND 27.6VDC WITH RESPECT TO GROUND.

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SEE "APPLY IC"

FROM W1 P3-4 (UUT J3-4) FROM ID J1A-3B FROM ID A1P15.2	TO W1 P1A-3B TO ID A1J15.2 TO ID P13-6 (S701-8)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 102

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 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 ID	P20-2 (DMM-HI)	TO	ID	A1P15.49
FROM ID	A1J15.49	TO	ID	A1J7.42
FROM ID	A1P7.42	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 J1-10)
FROM ID	P20-3 (DMM-LO)	TO	ID	A1P15.50
FROM ID	A1J15.50	TO	ID	A1J7.38
FROM ID	A1P7.38	TO	ID	P10-130 (S301-23)
FROM ID	P10-229 (S301-24)	TO	ID	A1P7.36
FROM ID	A1J7.36	TO	GRO	DUND

STEP 103

Date: 04 March 2016

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT PIN J3.29 SHOULD BE BETWEEN -14.5 AND -15.5VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS: SEE "UUT POWER"

FROM	ID	P20-2	(DMM-HI)

FROM ID A1J15.49 FROM ID A1P7.48 FROM ID A1P7.48

FROM ID P10-97 (S301-9)

FROM ID A1J7.5

FROM ID A1J7.5

FROM ID A1P2.33

FROM ID ALU7.5

FROM ID A192.33

FROM ID P10-25 (S101-13)

FROM ID A192.20

FROM ID A192.20

FROM ID A191.15

FROM ID A191.15

TO ID A191.15

TO ID P1-16 (DC6-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

TO ID A1P15.49 TO ID A1J7.48

STEP 104

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT PIN J1.41 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 J1-41) TO W1 P1B-10E FROM ID J1B-10E TO ID A1J13.20

FROM ID A1P13.20

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 P11-129 (S506-8) TO ID A1P9.30

FROM ID A1J9 30 TO ID BUS 6

FROM ID A1J9.30

FROM ID BUS 6
FROM ID A1P8.36
FROM ID P10-15 (S301-74)
TO ID A1P8.3
TO ID A1P8.3
TO ID R2.1 FROM ID R2.2

FROM W1 P2-41 (UUT J1-41) TO W1 P1B-10E

TO ID A1J13.20

TO ID P12-9 (S701-36)

TO ID BUS 6

TO GROUND

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		J1B-10E			A1J13.20
FROM	ID	A1P13.20	ТО	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	ТО	ID	P10-203 (S503-1)
FROM	ID	P10-77 (S503-3)	TO	ID	A1P6.13
FROM	ID	A1J6.13	TO	ID	BUS 1
FROM	ID	P20-3 (DMM-LO)	TO	ID	A1P15.50
FROM	ID	A1J15.50	TO	ID	A1J7.38
FROM	ID	A1P7.38	TO	ID	P10-130 (S301-23)
FROM	ID	P10-229 (S301-24)	TO	ID	A1P7.36
FROM	ID	A1J7.36	ТО	GRO	DUND

STEP 105

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT PIN J3.17 SHOULD BE BETWEEN 12.0 AND 12.4VDC WITH RESPECT TO GROUND.

FROM W1 P3-17 (UUT J3-17) FROM ID J1B-13F FROM ID A1P13.12	TO W1 P1B-13F TO ID A1J13.12 TO ID P12-5 (S701-12)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

Date: 04 March 2016

STEP 106

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT PIN J1.39 TO GROUND. THE OUTPUT MEASURED AT PIN J1.41 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P2-41 (UUT J1-41) FROM ID J1B-10E FROM ID A1P13.20	TO W1 P1B-10E TO ID A1J13.20 TO ID P12-9 (S701-36)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-129 (S506-8) FROM ID A1J9.30	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.30 TO ID BUS 6
FROM ID BUS 6 FROM ID A1P8.36 FROM ID P10-15 (S301-74) FROM ID A1J8.3 FROM ID R2.2	TO ID A1J8.36 TO ID P10-14 (S301-73) TO ID A1P8.3 TO ID R2.1 TO GROUND
FROM W1 P2-41 (UUT J1-41) FROM ID J1B-10E FROM ID A1P13.20	TO W1 P1B-10E TO ID A1J13.20 TO ID P12-9 (S701-36)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1

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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 107

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 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 J1-39)	
FROM ID J1A-1E	TO ID A1J14.9
FROM ID A1P14.9	TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2)	TO ID A1P12.40
FROM ID A1J12.40	TO ID A1J10.8
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 AlJ9.23	TO ID BUS 1
FROM ID P20-2 (DMM-HI)	TO ID A1P15.49
FROM ID A1J15.49	TO ID A1J8.28
FROM ID A1P8.28	TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3)	TO ID A1P6.13
FROM ID A1J6.13	TO ID BUS 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID A1P7.38	TO ID P10-130 (S301-23)
FROM ID P10-229 (S301-24)	
FROM ID A1J7.36	TO GROUND
11(011 11) 1110 / . 30	10 GROOND

Date: 04 March 2016

STEP 108

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.4. SHORT J1.39 TO GROUND. THE OUTPUT MEASURED AT PIN J1.41 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM ID	P2-4 (UUT J1-4) J1B-13A A1P13.2	TO I	71 P1B-13A TD A1J13.2 TD P12-47 (S201-6)
FROM ID FROM ID FROM ID	P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27	TO I TO I	D A1P12.44 D A1J10.4 D P11-71 (S507-2) D A1P9.27 D BUS 2
FROM ID	P2-39 (UUT J1-39) J1A-1E A1P14.9	TO I	71 P1A-1E TD A1J14.9 TD P13-17 (S201-26)
FROM ID FROM ID		TO I	D A1P12.40 D A1J10.8 D P11-139 (S508-2) D A1P9.2 D BUS 8
FROM ID	P2-41 (UUT J1-41) J1B-10E A1P13.20	TO I	71 P1B-10E 7D A1J13.20 7D P12-9 (S701-36)
FROM ID FROM ID FROM ID	P12-44 (S701-2) A1J12.48 A1P10.1 P11-129 (S506-8) A1J9.30	TO I TO I	D A1P12.48 D A1J10.1 D P11-162 (S506-2) D A1P9.30 D BUS 6
	A1P8.36 P10-15 (S301-74) A1J8.3	TO I TO I	D A1J8.36 D P10-14 (S301-73) D A1P8.3 D R2.1 ROUND
FROM ID	P2-41 (UUT J1-41) J1B-10E A1P13.20	TO I	71 P1B-10E TD A1J13.20 TD P12-9 (S701-36)
	P12-44 (S701-2) A1J12.48		D A1P12.48 D A1J10.1

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FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI)	TO ID A1P15.49
FROM ID A1J15.49	TO ID A1J8.28
FROM ID A1P8.28	TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3)	TO ID A1P6.13
FROM ID A1J6.13	TO ID BUS 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID A1P7.38	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 PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 TO GROUND. THE OUTPUT MEASURED AT PIN J1.41 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 J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P2-41 (UUT J1-41) FROM ID J1B-10E FROM ID A1P13.20	TO W1 P1B-10E TO ID A1J13.20 TO ID P12-9 (S701-36)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-129 (S506-8) FROM ID A1J9.30	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.30 TO ID BUS 6
FROM ID BUS 6 FROM ID A1P8.36 FROM ID P10-15 (S301-74) FROM ID A1J8.3 FROM ID R2.2	TO ID A1J8.36 TO ID P10-14 (S301-73) TO ID A1P8.3 TO ID R2.1 TO GROUND

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FROM W1 P2-41 (UUT J1-41) FROM ID J1B-10E FROM ID A1P13.20	TO W1 P1B-10E TO ID A1J13.20 TO ID P12-9 (S701-36)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 110

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 TO GROUND. THE OUTPUT MEASURED AT PIN J3.18 SHOULD BE BETWEEN 12.0 AND 12.4VDC WITH RESPECT TO GROUND.

FROM W1 P2-39 (UUT J1-39)	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 P3-18 (UUT J3-18)	TO W1 P1B-12E
FROM W1 P3-18 (UUT J3-18) FROM ID J1B-12E	TO W1 P1B-12E TO ID A1J13.14
. ,	
FROM ID J1B-12E	TO ID A1J13.14
FROM ID J1B-12E	TO ID A1J13.14
FROM ID J1B-12E FROM ID A1P13.14	TO ID A1J13.14 TO ID P12-37 (S701-14)
FROM ID J1B-12E FROM ID A1P13.14 FROM ID P12-44 (S701-2)	TO ID A1J13.14 TO ID P12-37 (S701-14) TO ID A1P12.48
FROM ID J1B-12E FROM ID A1P13.14 FROM ID P12-44 (S701-2) FROM ID A1J12.48	TO ID A1J13.14 TO ID P12-37 (S701-14) TO ID A1P12.48 TO ID A1J10.1
FROM ID J1B-12E FROM ID A1P13.14 FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1	TO ID A1J13.14 TO ID P12-37 (S701-14) TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2)

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FROM ID P20-2 (DMM-HI)

FROM ID A1J15.49

FROM ID A1P8.28

FROM ID P10-77 (S503-3)

FROM ID A1J6.13

FROM ID P20-3 (DMM-LO)

FROM ID A1J15.50

FROM ID A1J7.38

FROM ID P10-229 (S301-24)

FROM ID A1J7.36

TO ID A1P7.36

TO ID A1P7.36

TO ID A1P7.36

TO ID A1P7.36

STEP 111

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 AND J1.40 TO GROUND. THE OUTPUT MEASURED AT PIN J1.41 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P2-41 (UUT J1-41) FROM ID J1B-10E FROM ID A1P13.20	TO W1 P1B-10E TO ID A1J13.20 TO ID P12-9 (S701-36)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-129 (S506-8) FROM ID A1J9.30	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.30 TO ID BUS 6
FROM ID BUS 6 FROM ID A1P8.36 FROM ID P10-15 (S301-74) FROM ID A1J8.3 FROM ID R2.2	TO ID A1J8.36 TO ID P10-14 (S301-73) TO ID A1P8.3 TO ID R2.1 TO GROUND

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FROM W1 P2-41 (UUT J1-41) FROM ID J1B-10E FROM ID A1P13.20	TO W1 P1B-10E TO ID A1J13.20 TO ID P12-9 (S701-36)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 112

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 AND J1.40 TO GROUND. THE OUTPUT MEASURED AT PIN J3.18 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P3-18 (UUT J3-18) FROM ID J1B-12E FROM ID A1P13.14	TO W1 P1B-12E TO ID A1J13.14 TO ID P12-37 (S701-14)
FROM ID P12-44 (S701-2) FROM ID A1J12.48	TO ID A1P12.48 TO ID A1J10.1

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FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI)	TO ID A1P15.49
FROM ID A1J15.49	TO ID A1J8.28
FROM ID A1P8.28	TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3)	TO ID A1P6.13
FROM ID A1J6.13	TO ID BUS 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID A1P7.38	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 PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39, J1.40 AND J3.22 TO GROUND. THE OUTPUT MEASURED AT PIN J1.41 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P3-22 (UUT J3-22) FROM ID J1A-3E FROM ID A1P14.13	TO W1 P1A-3E TO ID A1J14.13 TO ID P13-19 (S201-34)
FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P2-41 (UUT J1-41) FROM ID J1B-10E FROM ID A1P13.20	TO W1 P1B-10E TO ID A1J13.20 TO ID P12-9 (S701-36)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-129 (S506-8)	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.30

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FROM ID AlJ9.30	TO ID BUS 6
FROM ID BUS 6 FROM ID A1P8.36	TO ID A1J8.36 TO ID P10-14 (S301-73)
FROM ID P10-15 (S301-74)	
FROM ID A1J8.3	TO ID R2.1
FROM ID R2.2	TO GROUND
FROM W1 P2-41 (UUT J1-41)	
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)	
FROM ID A1J6.13	TO ID BUS 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID A1P7.38	TO ID P10-130 (S301-23)
FROM ID P10-229 (S301-24)	
FROM ID A1J7.36	TO GROUND

STEP 114

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.40 TO GROUND. THE OUTPUT MEASURED AT PIN J1.41 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 J1-40)	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 J1-41)	TO W1 P1B-10E

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	ID J1B-10E ID A1P13.20	TO ID A1J13.20 TO ID P12-9 (S701-36)
FROM I FROM I	ID P12-44 (S701-2) ID A1J12.48 ID A1P10.1 ID P11-129 (S506-8) ID A1J9.30	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.30 TO ID BUS 6
FROM I FROM I	ID BUS 6 ID A1P8.36 ID P10-15 (S301-74) ID A1J8.3 ID R2.2	TO ID A1J8.36 TO ID P10-14 (S301-73) TO ID A1P8.3 TO ID R2.1 TO GROUND
FROM I	V1 P2-41 (UUT J1-41) ID J1B-10E ID A1P13.20	TO W1 P1B-10E TO ID A1J13.20 TO ID P12-9 (S701-36)
FROM I FROM I	ID P12-44 (S701-2) ID A1J12.48 ID A1P10.1 ID P11-164 (S506-3) ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM I FROM I	ID P20-2 (DMM-HI) ID A1J15.49 ID A1P8.28 ID P10-77 (S503-3) ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM I FROM I	ID P20-3 (DMM-LO) ID A1J15.50 ID A1P7.38 ID P10-229 (S301-24) ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 115

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.40 AND J3.22 TO GROUND. THE OUTPUT MEASURED AT PIN J1.41 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1	P3-22 (UUT J3-22)	ТО	W1	P1A-3E
FROM ID	J1A-3E	ТО	ID	A1J14.13
FROM ID	A1P14.13	ТО	ID	P13-19 (S201-34)
FROM W1	P2-40 (UUT J1-40)	TO	W1	P1A-1F

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FROM	ID	J1A-1F	TO	ID	A1J14.11
FROM	ID	A1P14.11	ТО	ID	P13-51 (S201-28)
					, ,
FROM	TD	P12-80 (S201-2)	ΤО	TD	A1P12.40
					A1J10.8
_		A1P10.8			P11-139 (S508-2)
		P11-205 (S508-10)			
		A1J9.2			BUS 8
FROM	ΙD	A109.2	10	Iυ	BUS 0
	r.7 1	DO 41 /IIII T1 41\	ШΟ	r.7 1	D1D 10D
		P2-41 (UUT J1-41)			P1B-10E
		J1B-10E			A1J13.20
FROM	TD	A1P13.20	TO	TD	P12-9 (S701-36)
FROM	ID	P12-44 (S701-2)			A1P12.48
FROM	ID	A1J12.48			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	ТО	ID	P10-14 (S301-73)
FROM	ID	P10-15 (S301-74)			A1P8.3
FROM	ID	A1J8.3	ТО	ID	R2.1
			_		
FROM	ID	R2.2	TO	GRO	DUND
FROM	ID	R2.2	ТО	GRO	DUND
FROM	W1	P2-41 (UUT J1-41)	то	W1	P1B-10E
FROM FROM	W1 ID	P2-41 (UUT J1-41) J1B-10E	TO TO	W1 ID	P1B-10E A1J13.20
FROM FROM	W1 ID	P2-41 (UUT J1-41)	TO TO	W1 ID	P1B-10E
FROM FROM FROM	W1 ID ID	P2-41 (UUT J1-41) J1B-10E A1P13.20	TO TO TO	W1 ID ID	P1B-10E A1J13.20 P12-9 (S701-36)
FROM FROM FROM	W1 ID ID	P2-41 (UUT J1-41) J1B-10E A1P13.20 P12-44 (S701-2)	TO TO TO	W1 ID ID	P1B-10E A1J13.20 P12-9 (S701-36)
FROM FROM FROM FROM	W1 ID ID	P2-41 (UUT J1-41) J1B-10E A1P13.20 P12-44 (S701-2) A1J12.48	TO TO TO	W1 ID ID	P1B-10E A1J13.20 P12-9 (S701-36) A1P12.48 A1J10.1
FROM FROM FROM FROM FROM FROM	W1 ID ID ID ID	P2-41 (UUT J1-41) J1B-10E A1P13.20 P12-44 (S701-2) A1J12.48 A1P10.1	TO TO TO TO TO	W1 ID ID ID ID	P1B-10E A1J13.20 P12-9 (S701-36) A1P12.48 A1J10.1 P11-162 (S506-2)
FROM FROM FROM FROM FROM FROM FROM	W1 ID ID ID ID ID	P2-41 (UUT J1-41) J1B-10E A1P13.20 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3)	TO TO TO TO TO TO	W1 ID ID ID ID ID	P1B-10E A1J13.20 P12-9 (S701-36) A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23
FROM FROM FROM FROM FROM FROM FROM	W1 ID ID ID ID ID	P2-41 (UUT J1-41) J1B-10E A1P13.20 P12-44 (S701-2) A1J12.48 A1P10.1	TO TO TO TO TO TO	W1 ID ID ID ID ID	P1B-10E A1J13.20 P12-9 (S701-36) A1P12.48 A1J10.1 P11-162 (S506-2)
FROM FROM FROM FROM FROM FROM FROM	W1 ID ID ID ID ID ID	P2-41 (UUT J1-41) J1B-10E A1P13.20 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23	TO TO TO TO TO TO	W1 ID ID ID ID ID ID	P1B-10E A1J13.20 P12-9 (S701-36) A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1
FROM FROM FROM FROM FROM FROM FROM	W1 ID ID ID ID ID ID ID	P2-41 (UUT J1-41) J1B-10E A1P13.20 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI)	TO TO TO TO TO TO	W1 ID ID ID ID ID ID ID	P1B-10E A1J13.20 P12-9 (S701-36) A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1 A1P15.49
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID ID ID ID ID ID ID	P2-41 (UUT J1-41) J1B-10E A1P13.20 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49	TO TO TO TO TO TO TO	W1 ID ID ID ID ID ID ID	P1B-10E A1J13.20 P12-9 (S701-36) A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1 A1P15.49 A1J8.28
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID ID ID ID ID ID ID ID	P2-41 (UUT J1-41) J1B-10E A1P13.20 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28	TO TO TO TO TO TO TO	W1 ID ID ID ID ID ID ID ID	P1B-10E A1J13.20 P12-9 (S701-36) A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1 A1P15.49 A1J8.28 P10-203 (S503-1)
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID ID ID ID ID ID ID ID ID	P2-41 (UUT J1-41) J1B-10E A1P13.20 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3)	TO TO TO TO TO TO TO TO TO	W1 ID ID ID ID ID ID ID ID ID	P1B-10E A1J13.20 P12-9 (S701-36) A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1 A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID ID ID ID ID ID ID ID ID	P2-41 (UUT J1-41) J1B-10E A1P13.20 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28	TO TO TO TO TO TO TO TO TO	W1 ID ID ID ID ID ID ID ID ID	P1B-10E A1J13.20 P12-9 (S701-36) A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1 A1P15.49 A1J8.28 P10-203 (S503-1)
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID ID ID ID ID ID ID ID	P2-41 (UUT J1-41) J1B-10E A1P13.20 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13	TO TO TO TO TO TO TO TO TO	W1 ID ID ID ID ID ID ID ID	P1B-10E A1J13.20 P12-9 (S701-36) A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1 A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID ID ID ID ID ID ID ID ID ID	P2-41 (UUT J1-41) J1B-10E A1P13.20 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13 P20-3 (DMM-LO)	TO	W1 ID ID ID ID ID ID ID ID ID ID	P1B-10E A1J13.20 P12-9 (S701-36) A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1 A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1 A1P15.50
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID	P2-41 (UUT J1-41) J1B-10E A1P13.20 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13 P20-3 (DMM-LO) A1J15.50	TO T	W1 ID ID ID ID ID ID ID ID ID ID ID ID	P1B-10E A1J13.20 P12-9 (S701-36) A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1 A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1 A1P15.50 A1J7.38
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID	P2-41 (UUT J1-41) J1B-10E A1P13.20 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13 P20-3 (DMM-LO) A1J15.50 A1P7.38	TO T	W1 ID ID ID ID ID ID ID ID ID ID ID	P1B-10E A1J13.20 P12-9 (S701-36) A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1 A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1 A1P15.50 A1J7.38 P10-130 (S301-23)
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID	P2-41 (UUT J1-41) J1B-10E A1P13.20 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13 P20-3 (DMM-LO) A1J15.50 A1P7.38 P10-229 (S301-24)	TO T	W1 ID	P1B-10E A1J13.20 P12-9 (S701-36) A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1 A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1 A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID	P2-41 (UUT J1-41) J1B-10E A1P13.20 P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13 P20-3 (DMM-LO) A1J15.50 A1P7.38	TO T	W1 ID	P1B-10E A1J13.20 P12-9 (S701-36) A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1 A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1 A1P15.50 A1J7.38 P10-130 (S301-23)

Date: 04 March 2016

STEP 116

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.40 AND J3.22 TO GROUND. 28.0VDC IS APPLIED TO J1.5. THE OUTPUT MEASURED AT PIN J1.41 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-5 (IIIIT J1-5)	TO W1 P1B-14A
FROM W1 P2-5 (UUT J1-5) FROM ID J1B-14A	TO ID A1J13.1
FROM ID A1P13.1	TO ID P12-79 (S201-5)
11011 12 1111 1011	10 11 111 /3 (2101 3)
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 J1-40)	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 A1712.40
FROM ID A1J12.40	TO ID A1J10.8
FROM ID A1P10.8	TO ID P11-139 (S508-2) TO ID A1P9.2
FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID AIP9.2 TO ID BUS 8
FROM ID AID9.2	10 10 805 6
FROM W1 P2-41 (UUT J1-41)	TO W1 P1B-10E
FROM ID J1B-10E	TO ID A1J13.20
FROM ID A1P13.20	TO ID P12-9 (S701-36)
111011 12 1121 20 120	
FROM ID P12-44 (S701-2)	TO 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 A1P8.36 FROM ID P10-15 (S301-74) FROM ID A1.78.3	TO ID A1P8.3
111011 12 1120010	10 10 1111
FROM ID R2.2	TO GROUND
FROM W1 P2-41 (UUT J1-41)	
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) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 117

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.40 TO GROUND. THE OUTPUT MEASURED AT PIN J1.41 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 J1-40) FROM ID J1A-1F FROM ID A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1J10.8 TO ID P11-139 (S508-2)
FROM W1 P2-41 (UUT J1-41) FROM ID J1B-10E FROM ID A1P13.20	TO W1 P1B-10E TO ID A1J13.20 TO ID P12-9 (S701-36)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-129 (S506-8) FROM ID A1J9.30	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.30 TO ID BUS 6
FROM ID BUS 6	TO ID A1J8.36

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FROM ID A1P8.36 FROM ID P10-15 (S301-74) FROM ID A1J8.3 FROM ID R2.2	TO ID P10-14 (S301-73) TO ID A1P8.3 TO ID R2.1 TO GROUND
FROM W1 P2-41 (UUT J1-41) FROM ID J1B-10E FROM ID A1P13.20	TO W1 P1B-10E TO ID A1J13.20 TO ID P12-9 (S701-36)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1J10.1 TO ID P11-162 (S506-2)
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1J7.38 TO ID P10-130 (S301-23)

STEP 118

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.40 AND J3.22 TO GROUND. THE OUTPUT MEASURED AT PIN J1.41 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P3-22 (UUT J3-22) FROM ID J1A-3E FROM ID A1P14.13	TO W1 P1A-3E TO ID A1J14.13 TO ID P13-19 (S201-34)
FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P2-41 (UUT J1-41)	TO W1 P1B-10E

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FROM ID J1B-10E FROM ID A1P13.20	TO ID A1J13.20 TO ID P12-9 (S701-36)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-129 (S506-8) FROM ID A1J9.30	TO ID A1J10.1 TO ID P11-162 (S506-2)
FROM ID BUS 6 FROM ID A1P8.36 FROM ID P10-15 (S301-74) FROM ID A1J8.3 FROM ID R2.2	TO ID A1J8.36 TO ID P10-14 (S301-73) TO ID A1P8.3 TO ID R2.1 TO GROUND
FROM W1 P2-41 (UUT J1-41) FROM ID J1B-10E FROM ID A1P13.20	TO W1 P1B-10E TO ID A1J13.20 TO ID P12-9 (S701-36)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1J10.1 TO ID P11-162 (S506-2)
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1J8.28 TO ID P10-203 (S503-1)
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 119

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.40 AND J3.22 TO GROUND. APPLY 28.0VDC TO J3.16. THE OUTPUT MEASURED AT PIN J1.41 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

TD 0 N 6 571	DO 16 (IIIIII TO 16)	ШΟ	r.71	D1D 60
FROM WI	P3-16 (UUT J3-16)	TO	W⊥	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
TROM ID AIO 9:27	10 10 505 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)
PROM ID AIF14.13	10 1D F13-19 (5201-34)
FROM W1 P2-40 (UUT J1-40)	TO W1 P1A-1F
FROM ID J1A-1F	TO ID A1J14.11
FROM ID A1P14.11	TO ID P13-51 (S201-28)
111011 12 111111	10 12 110 01 (2101 10)
FROM ID P12-80 (S201-2)	TO ID A1P12.40
FROM ID A1J12.40	TO ID A1J10.8
FROM ID A1P10.8	TO ID P11-139 (S508-2)
FROM ID P11-205 (S508-10)	TO ID A1P9.2
FROM ID A1J9.2	TO ID BUS 8
FROM W1 P2-41 (UUT J1-41)	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
DD04 771 D0 41 (77777 71 41)	mo 111 p1p 10p
FROM W1 P2-41 (UUT J1-41)	TO W1 P1B-10E
FROM ID J1B-10E	TO ID A1J13.20
FROM ID A1P13.20	TO ID P12-9 (S701-36)
EDOM ID D12 44 (C701 2)	TO ID 31D12 40
FROM ID P12-44 (S701-2) FROM ID A1J12.48	TO ID A1710 1
	TO ID A1J10.1 TO ID P11-162 (S506-2)
FROM ID A1P10.1	
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 A1013.49 FROM ID A1P8.28	TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3)	TO ID A1P6.13
FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID BUS 1
FROM ID AIU0.13	IO ID DOD I
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID AlJ15.50	TO ID A1J7.38
FROM ID A1P7.38	TO ID P10-130 (S301-23)
- · · · · · · · · · · · · · · · · · · ·	

Date: 04 March 2016

FROM ID P10-229 (S301-24) TO ID A1P7.36 FROM ID A1J7.36 TO GROUND

STEP 120

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.46, J1.40, J3.22 AND J1.39 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29, J1.9 (SEE NOTE BELOW) J1.8 AND J1.47. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

NOTE: 28.0VDC IS APPLIED TO J1.9 FOR 10MS, AND THEN IT IS RETURNED TO THE OPENED CONDITION.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

SEE "APPLY IC"

FROM ID	P2-29 (UUT J1-29) J1A-1C A1P14.5	ТО	ID	P1A-1C A1J14.5 P13-49 (S201-17)
FROM ID FROM ID FROM ID	P12-20 (S201-3) A1J12.46 A1P10.2 P11-72 (S507-4) A1J9.27	TO TO TO	ID ID ID	A1P12.46 A1J10.2 P11-39 (S507-1) A1P9.27 BUS 2
FROM ID	P2-9 (UUT J1-9) J1A-1A A1P14.1	ТО	ID	P1A-1A A1J14.1 P13-47 (S201-9)
FROM ID	P2-8 (UUT J1-8) J1A-5E A1P14.17	TO	ID	P1A-5E A1J14.17 P13-87 (S202-10)
FROM ID FROM ID FROM ID	P13-29 (S202-4) A1J14.50 A1P10.50 P11-147 (S510-4) A1J9.31	TO TO	ID ID ID	A1P14.50 A1J10.50 P11-244 (S510-2) A1P9.31 BUS 2
FROM ID	P2-46 (UUT J1-46) J1B-7B A1P12.8	ТО	ID	P1B-7B A1J12.8 P12-50 (S201-30)
FROM ID FROM ID FROM ID	P12-80 (S201-2) A1J12.40 A1P10.8 P11-205 (S508-10) A1J9.2	TO TO	ID ID ID	A1P12.40 A1J10.8 P11-139 (S508-2) A1P9.2 BUS 8
FROM W1	P2-47 (UUT J1-47)	ТО	W1	P1A-3F

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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 J1-40)	TO W1 P1A-1F
FROM ID J1A-1F	TO ID A1J14.11
FROM ID A1P14.11	TO ID P13-51 (S201-28)
11.01. 12 111111111	10 12 113 31 (8201 20)
FROM W1 P3-22 (UUT J3-22)	TO W1 P1A-3E
FROM ID J1A-3E	TO ID A1J14.13
FROM ID A1P14.13	TO ID P13-19 (S201-34)
111011 12 111111	10 12 110 17 (2101 017
FROM W1 P2-39 (UUT J1-39)	TO W1 P1A-1E
FROM ID J1A-1E	TO ID A1J14.9
FROM ID A1P14.9	TO ID P13-17 (S201-26)
	,
FROM W1 P2-6 (UUT J1-6)	TO W1 P1B-13E
FROM ID J1B-13E	TO ID A1J13.10
FROM ID A1P13.10	TO ID P12-3 (S701-6)
	,
FROM ID P12-44 (S701-2)	TO ID A1P12.48
FROM ID A1J12.48	TO ID A1J10.1
FROM ID A1P10.1	TO ID P11-162 (S506-2)
FROM ID P11-164 (S506-3)	TO ID A1P9.23
FROM ID A1J9.23	TO ID BUS 1
FROM ID P20-2 (DMM-HI)	TO ID A1P15.49
FROM ID A1J15.49	TO ID A1J8.28
FROM ID A1P8.28	TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3)	TO ID A1P6.13
FROM ID AlJ6.13	TO ID BUS 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID A1P7.38	TO ID P10-130 (S301-23)
FROM ID P10-229 (S301-24)	
FROM ID A1J7.36	TO GROUND
111011 12 1110 / 100	20 3100112

STEP 121

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.46, J1.40, J3.22 AND J1.39 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29, J1.9 (SEE NOTE BELOW) J1.8 AND J1.47. MOMENTARILY LIFT J1.16 FROM GROUND, CONNECT TO J1.10 AND RECONNECT TO GROUND. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

Date: 04 March 2016

NOTE: 28.0VDC IS APPLIED TO J1.9 FOR 10MS, AND THEN IT IS RETURNED TO THE OPENED CONDITION.

CONNECTION PATH IS AS FOLLOWS: SEE "UUT POWER"

FROM	W 1	P2-16 (UUT J1-16)	ΤО	W1	P1A-12D
FROM	TD	J1A-12D	ΤO		A1J11.9
		A1P11.9			P11-43 (S301-154)
		P11-233 (S301-153)			A1P11.11
FROM	TD	PII-233 (B3UI-I33)			
FROM	TD	A1J11.11	10	TD	A1J2.15 (DC2-HI J3-30)
		DO 00 /1777 71 00 \	т.		D13 10
FROM	WΤ	P2-29 (UUT J1-29)			P1A-1C
		J1A-1C			A1J14.5
FROM	ID	A1P14.5	ТО	ID	P13-49 (S201-17)
		-10 00 (-001 0)			-1-10 11
		P12-20 (S201-3)			A1P12.46
		A1J12.46			A1J10.2
		A1P10.2			P11-39 (S507-1)
FROM	ID	P11-72 (S507-4)	TO	ID	A1P9.27
FROM	ID	A1J9.27	TO	ID	BUS 2
		P2-8 (UUT J1-8)			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	ТО	ID	P11-244 (S510-2)
FROM	ID	P11-147 (S510-4)	ТО	ID	A1P9.31
		A1J9.31			BUS 2
			- 0		
FROM	W1	P2-46 (UUT J1-46)	ΤО	W1	P1B-7B
		J1B-7B			A1J12.8
		A1P12.8			P12-50 (S201-30)
11011	10	7111 12.0	10	דב	112 30 (5201 30)
FROM	TD	P12-80 (S201-2)	ΤО	TD	Δ1D12 40
					A1J10.8
					P11-139 (S508-2)
		P11-205 (S508-10)			
FROM	TD	A1J9.2	1.0	TD	BUS 8
ED OM	TAT 1	D2 47 (IIII T1 47)	ШΟ	TAT 1	רות סוד
		P2-47 (UUT J1-47)			P1A-3F
		J1A-3F			A1J14.14
FROM	TD	A1P14.14	TO	TD	P13-18 (S201-35)
	TD	D12 20 (C201 2)	ш.	TP	71712 46
		P12-20 (S201-3)			A1P12.46
		A1J12.46			A1J10.2
		A1P10.2			P11-39 (S507-1)
		P11-72 (S507-4)			A1P9.27
FROM	ID	A1J9.27	ТО	ID	BUS 2
FROM	W1	P2-40 (UUT J1-40)	ТО	W1	P1A-1F

TO ID A1J14.11

FROM ID J1A-1F

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FROM]	ID A1P14.11	то	ID	P13-51 (S201-28)
FROM V	W1 P3-22 (UUT J3-22)	то	W1	P1A-3E
	ID J1A-3E			A1J14.13
	ID A1P14.13	_		P13-19 (S201-34)
11(011 1	111111111	10		113 17 (8201 31)
FROM V	W1 P2-39 (UUT J1-39)	ТО	W1	P1A-1E
FROM]	ID J1A-1E	TO	ID	A1J14.9
FROM 1	ID A1P14.9	TO	ID	P13-17 (S201-26)
FROM V	N1 P2-6 (UUT J1-6)	_		P1B-13E
FROM]	ID J1B-13E	TO	ID	A1J13.10
FROM]	ID A1P13.10	TO	ID	P12-3 (S701-6)
	ID P12-44 (S701-2)			A1P12.48
FROM]	ID A1J12.48	TO	ID	A1J10.1
	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
	ID P20-2 (DMM-HI)	_		A1P15.49
	ID A1J15.49			A1J8.28
	ID A1P8.28			P10-203 (S503-1)
	ID P10-77 (S503-3)			A1P6.13
FROM]	ID A1J6.13	TO	ID	BUS 1
EDOM 1	ID P20-3 (DMM-LO)	ТΟ	TD	A1P15.50
FROM I	ID A1J15.50	_		A1J7.38
	ID A1015.30 ID A1P7.38			P10-130 (S301-23)
_	ID A1P7.36 ID P10-229 (S301-24)			A1P7.36
	ID P10-229 (5301-24) ID A1J7.36			OUND
rkom 1	AIU /.30	10	GKC	עמטע

STEP 122

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.46, J1.40, J3.22, J1.39 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29, J1.9 (SEE NOTE BELOW) AND J1.8. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

NOTE: 28.0VDC IS APPLIED TO J1.9 FOR 10MS, AND THEN IT IS RETURNED TO THE OPENED CONDITION.

FROM	W1	P2-29 (UUT J1-29)	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) FROM ID A1J9.27	TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-8 (UUT J1-8) FROM ID J1A-5E FROM ID A1P14.17	TO W1 P1A-5E TO ID A1J14.17 TO ID P13-87 (S202-10)
FROM ID P13-29 (S202-4) FROM ID A1J14.50 FROM ID A1P10.50 FROM ID P11-147 (S510-4) FROM ID A1J9.31	TO ID A1P14.50 TO ID A1J10.50 TO ID P11-244 (S510-2) TO ID A1P9.31 TO ID BUS 2
FROM W1 P2-46 (UUT J1-46) FROM ID J1B-7B FROM ID A1P12.8	TO W1 P1B-7B TO ID A1J12.8 TO ID P12-50 (S201-30)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM W1 P3-22 (UUT J3-22) FROM ID J1A-3E FROM ID A1P14.13	TO W1 P1A-3E TO ID A1J14.13 TO ID P13-19 (S201-34)
FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM W1 P2-6 (UUT J1-6) FROM ID J1B-13E FROM ID A1P13.10	TO W1 P1B-13E TO ID A1J13.10 TO ID P12-3 (S701-6)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23)

Date: 04 March 2016

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 PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.46, J1.40, J3.22 AND J1.39 TO GROUND. 28.0VDC IS APPLIED TO PINS J1.29 AND J1.13. MOMENTARILY LIFT J1.16 FROM GROUND AND CONNECT TO J1.10. THE OUTPUT MEASURED AT PIN J1.6 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 J1-29)	TO	W1	P1A-1C
FROM ID J1A-1C				A1J14.5
FROM ID A1P14.	5	TO	ID	P13-49 (S201-17)
FROM ID P12-20	(S201-3)	ТО	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 A1J9.2	7	TO	ID	BUS 2
FROM W1 P2-13	(UUT J1-13)	TO	W1	P1B-14B
FROM ID J1B-14	В	TO	ID	A1J13.3
FROM ID A1P13.	3	TO	ID	P12-46 (S201-7)
FROM W1 P2-46	(UUT J1-46)	ТО	W1	P1B-7B
FROM ID J1B-7B			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.			ID	P11-139 (S508-2)
FROM ID P11-20	5 (S508-10)	TO	ID	A1P9.2
FROM ID A1J9.2		TO	ID	BUS 8
FROM W1 P2-40	(UUT J1-40)	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)	ТО	W1	P1A-3E
FROM ID J1A-3E			ID	A1J14.13
FROM ID A1P14.	13	TO	ID	P13-19 (S201-34)
FROM W1 P2-39	(UUT J1-39)	TO	W1	P1A-1E
FROM ID J1A-1E		TO	ID	A1J14.9

FROM ID A1P14.9 TO ID P13-17 (S201-26)

Date: 04 March 2016

FROM	W1	P2-16 (UUT J1-16)	ТО	W1	P1A-12D
FROM	ID	J1A-12D	TO	ID	A1J11.9
-		A1P11.9			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)
		P2-29 (UUT J1-29)			P1A-1C
FROM	ID	J1A-1C	TO	ID	A1J14.5
FROM	ID	A1P14.5	TO	ID	P13-49 (S201-17)
				_	
		P2-6 (UUT J1-6)	TO		P1B-13E
-					A1J13.10
FROM	ID	A1P13.10	TO	ID	P12-3 (S701-6)
					-1-10 10
FROM	ID 	P12-44 (S701-2)	TO	ID	A1P12.48
		A1J12.48			A1J10.1
FROM	ID	A1P10.1	TO	ID	P11-162 (S506-2)
		P11-164 (S506-3)			
FROM	ID	A1J9.23	TO	ID	BUS 1
== 01/		D00 0 (D104 III)			21215 40
FROM	TD	P20-2 (DMM-HI)	TO		A1P15.49
		A1J15.49			A1J8.28
-		A1P8.28			P10-203 (S503-1)
		P10-77 (S503-3)			
FROM	TD	A1J6.13	TO	TD	BUS 1
FP∩M	TD	P20-3 (DMM-LO)	ТΟ	TD	A1P15.50
FROM	TD TD	A1J15.50	ΤO		A1J7.38
		A1P7.38			P10-130 (S301-23)
		P10-229 (S301-24)			
		A1J7.36			OUND
I. ICOM	$\perp \nu$	A10 / . 30	10	GI	OIND

STEP 124

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.46, J1.40, J3.22 AND J1.39 TO GROUND. 28.0VDC IS APPLIED TO PINS J1.29, J1.8 AND J1.13. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1	P2-8 (UUT J1-8)	TO	W1	P1A-5E
FROM ID	J1A-5E	ТО	ID	A1J14.17
FROM ID	A1P14.17	ТО	ID	P13-87 (S202-10)
FROM ID	P13-29 (S202-4)	ТО	ID	A1P14.50
FROM ID	A1J14.50	ТО	ID	A1J10.50
FROM ID	A1P10.50	ТО	ID	P11-244 (S510-2)
FROM ID	P11-147 (S510-4)	ТО	ID	A1P9.31
FROM ID	A1J9.31	ТО	ID	BUS 2

FROM	W1	P2-29 (UUT J1-29)	ТО	W1	P1A-1C
		J1A-1C			A1J14.5
_		A1P14.5			P13-49 (S201-17)
FROM	ID	AIP14.5	10	ΤD	P13-49 (S201-17)
ED OM	TD	D10 00 (0001 3)	ШΟ	T.D.	71710 46
		P12-20 (S201-3)			A1P12.46
		A1J12.46			A1J10.2
FROM	ID	A1P10.2	TO	ID	P11-39 (S507-1)
FROM	ID	P11-72 (S507-4)	TO	ID	A1P9.27
FROM	ID	A1J9.27	ТО	ID	BUS 2
FROM	W1	P2-13 (UUT J1-13)	ΤО	W1	P1B-14B
		J1B-14B			A1J13.3
		A1P13.3			P12-46 (S201-7)
FROM	ID	AIPI3.3	10	ΤD	P12-40 (S201-7)
ED OM	Ta7 1	P2-46 (UUT J1-46)	ШΟ	TAT 1	P1B-7B
		J1B-7B			A1J12.8
FROM	ID	A1P12.8	TO	ID	P12-50 (S201-30)
		D10 00 (G001 0)			71D10 40
		P12-80 (S201-2)			A1P12.40
		A1J12.40			A1J10.8
FROM	ID	A1P10.8	TO	ID	P11-139 (S508-2)
FROM	ID	P11-205 (S508-10)	TO	ID	A1P9.2
FROM	ID	A1J9.2	TO	ID	BUS 8
FROM	W1	P2-40 (UUT J1-40)	TO	W1	P1A-1F
FROM	ID	J1A-1F	ТО	ID	A1J14.11
FROM	ID	A1P14.11	то	ID	P13-51 (S201-28)
					(,
FROM	W1	P3-22 (UUT J3-22)	ТО	w1	P1A-3E
		J1A-3E			A1J14.13
_		A1P14.13			P13-19 (S201-34)
PROM	דד	AIFI4.15	10	ΙD	13 17 (5201 54)
FROM	w1	P2-39 (UUT J1-39)	ΤО	w1	P1A-1E
		J1A-1E	_		A1J14.9
		A1P14.9			P13-17 (S201-26)
FROM	Iυ	AIP14.9	10	ΙD	P13-17 (S201-20)
гр∩м	TAT 1	P2-6 (UUT J1-6)	ТΟ	TAT 1	P1B-13E
		J1B-13E			A1J13.10
FROM	TD	A1P13.10	J.O	TD	P12-3 (S701-6)
ED OM	TD	D10 44 (G701 0)	ш0	TD	71710 40
		P12-44 (S701-2)			A1P12.48
		A1J12.48			A1J10.1
		A1P10.1			P11-162 (S506-2)
FROM	ID	P11-164 (S506-3)	TO	ID	A1P9.23
FROM	ID	A1J9.23	TO	ID	BUS 1
FROM	ID	P20-2 (DMM-HI)	TO	ID	A1P15.49
FROM	ID	A1J15.49	TO	ID	A1J8.28
FROM	ID	A1P8.28	TO	ID	P10-203 (S503-1)
FROM	ID	P10-77 (S503-3)			A1P6.13
		AlJ6.13			BUS 1
	_		-	_	-
FROM	ID	P20-3 (DMM-LO)	ТО	ID	A1P15.50
		A1J15.50			A1J7.38
1 1001/1			10	-1	

Date: 04 March 2016

FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36 TO GROUND

STEP 125

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.12, J1.40, J3.22 AND J1.39 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29 AND J1.47. MOMENTARILY CONNECT J1.16 TO J1.44. THE OUTPUT MEASURED AT PIN J1.6 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 J1-29) TO W1 P1A-1C FROM ID J1A-1C TO ID A1J14.5

FROM ID J1A-1C 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 J1-47) TO W1 P1A-3F FROM ID J1A-3F TO ID A1J14.1 FROM ID A1P14.14 TO ID P13-18 TO ID A1J14.14

TO ID P13-18 (S201-35) FROM ID A1P14.14

FROM W1 P2-12 (UUT J1-12) 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)
FROM ID A1J12.40
FROM ID A1J10.8
FROM ID A1P10.8
FROM ID P11-205 (S508-10)
FROM ID A1J9.2
TO ID A1P12.40
TO ID P11-139 (S508-2)
TO ID A1P9.2
TO ID BUS 8

FROM W1 P2-40 (UUT J1-40) TO W1 P1A-1F FROM ID J1A-1F TO ID AlJ14.11

FROM ID AlP14.11 TO ID P13-51 (S201-28)

FROM W1 P3-22 (UUT J3-22) TO W1 P1A-3E TO ID A1J14.13 FROM ID J1A-3E FROM ID A1P14.13

TO ID P13-19 (S201-34)

FROM W1 P2-39 (UUT J1-39) TO W1 P1A-1E FROM ID J1A-1E TO ID A1J14.9

FROM ID J1A-1E TO ID A1J14.9 FROM ID A1P14.9 TO ID P13-17 (S201-26)

Date: 04 March 2016

FROM FROM FROM	W1 P2-16 (UUT J1-16) ID J1A-12D ID A1P11.9 ID P11-233 (S301-153) ID A1J11.11	TO ID TO ID TO ID	A1J11.9 P11-43 (S301-154)
FROM	W1 P2-6 (UUT J1-6) ID J1B-13E ID A1P13.10	TO W1 TO ID	P1B-13E A1J13.10 P12-3 (S701-6)
FROM	ID P12-44 (S701-2)	TO ID	A1P12.48
	ID A1J12.48	TO ID	A1J10.1
FROM	ID A1P10.1	TO ID	A1J10.1 P11-162 (S506-2)
FROM	ID P11-164 (S506-3)	TO ID	A1P9.23
FROM	ID A1J9.23	TO ID	BUS 1
FROM FROM FROM	ID P20-2 (DMM-HI) ID A1J15.49 ID A1P8.28 ID P10-77 (S503-3) ID A1J6.13	TO ID TO ID TO ID	A1J8.28 P10-203 (S503-1)
FROM FROM FROM	ID P20-3 (DMM-LO) ID A1J15.50 ID A1P7.38 ID P10-229 (S301-24) ID A1J7.36	TO ID	A1J7.38 P10-130 (S301-23) A1P7.36

STEP 126

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.12, J1.40, J3.22 AND J1.39 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29, J1.47 AND J1.9. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM ID	P2-9 (UUT J1-9) J1A-1A A1P14.1	TO	ID	P1A-1A A1J14.1 P13-47 (S201-9)
FROM ID FROM ID FROM ID	P12-20 (S201-3) A1J12.46 A1P10.2 P11-72 (S507-4) A1J9.27	TO TO TO	ID ID ID	A1P12.46 A1J10.2 P11-39 (S507-1) A1P9.27 BUS 2
FROM ID	P2-29 (UUT J1-29) J1A-1C A1P14.5	TO	ID	P1A-1C A1J14.5 P13-49 (S201-17)

FROM ID FROM ID FROM ID	A1J12.46	TO II TO II	A1P12.46 A1J10.2 P11-39 (S507-1) A1P9.27 BUS 2
FROM ID	P2-47 (UUT J1-47) J1A-3F A1P14.14	TO II	P1A-3F A1J14.14 P13-18 (S201-35)
FROM ID	P2-12 (UUT J1-12) J1B-8A A1P12.4	TO II	P1B-8A A1J12.4 P12-18 (S201-22)
FROM ID FROM ID	P12-80 (S201-2) A1J12.40 A1P10.8 P11-205 (S508-10) A1J9.2	TO III TO III	A1P12.40 A1J10.8 P11-139 (S508-2) A1P9.2 BUS 8
FROM ID	P2-40 (UUT J1-40) J1A-1F A1P14.11	TO II	P1A-1F A1J14.11 P13-51 (S201-28)
FROM ID	P3-22 (UUT J3-22) J1A-3E A1P14.13	TO II	P1A-3E A1J14.13 P13-19 (S201-34)
FROM ID	P2-39 (UUT J1-39) J1A-1E A1P14.9	TO II	P1A-1E A1J14.9 P13-17 (S201-26)
FROM ID	P2-6 (UUT J1-6) J1B-13E A1P13.10	TO II	P1B-13E A1J13.10 P12-3 (S701-6)
FROM ID FROM ID FROM ID	P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23	TO II TO II	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1
FROM ID FROM ID FROM ID	P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13	TO II TO II	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
FROM ID FROM ID FROM ID	P20-3 (DMM-LO) A1J15.50 A1P7.38 P10-229 (S301-24) A1J7.36	TO II	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36

Date: 04 March 2016

STEP 127

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.40, J3.22 AND J1.39 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29 AND J1.13. THE OUTPUT MEASURED AT PIN J1.6 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 J1-29)	TO	W1	P1A-1C
FROM ID	J1A-1C	TO	ID	A1J14.5
FROM ID	A1P14.5	TO	ID	P13-49 (

TO ID P13-49 (S201-17)

FROM	ID	P12-20 (S201-3)	TO	ID	A1P12.46	
ED \M	TD	λ1.T12 //6	ΤО	TD	7.1.T10 2	

TO ID A1J10.2
FROM ID A1P10.2
FROM ID P11-72 (S507-4)
FROM ID A1J9.27
TO ID A1J9.27
TO ID A1J9.27

FROM W1 P2-13 (UUT J1-13) TO W1 P1B-14B
FROM ID J1B-14B TO ID A1J13.3
TO ID P12-46 (S201-7)

FROM W1 P2-40 (UUT J1-40) TO W1 P1A-1F
FROM ID J1A-1F TO ID A1J14.1
FROM ID A1P14.11 TO ID P13-51 TO ID A1J14.11

FROM ID A1P14.11 TO ID P13-51 (S201-28)

FROM ID P12-80 (S201-2)

FROM ID A1J12.40

FROM ID A1J10.8

FROM ID A1P10.8

FROM ID P11-205 (S508-10)

TO ID A1P12.40

TO ID P11-139 (S508-2)

TO ID A1P9.2

FROM ID A1J9.2 TO ID BUS 8

FROM W1 P3-22 (UUT J3-22) TO W1 P1A-3E

TO ID A1J14.13 TO ID P13-19 (S201-34) FROM ID J1A-3E FROM ID A1P14.13

FROM W1 P2-39 (UUT J1-39) TO W1 P1A-1E FROM ID J1A-1E TO ID A1J14.9 FROM ID J1A-1E

FROM ID A1P14.9 TO ID P13-17 (S201-26)

FROM W1 P2-6 (UUT J1-6) TO W1 P1B-13E FROM ID J1B-13E TO ID A1J13.10

FROM ID A1P13.10 TO ID P12-3 (S701-6)

FROM ID P12-44 (S701-2) TO ID A1P12.48
FROM ID A1J12.48 TO ID A1J10.1
FROM ID A1P10.1 TO ID P11-162

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

STEP 128

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.40, J3.22 AND J1.39 TO GROUND. 28.0VDC IS APPLIED TO PINS J1.29 AND J1.13. MOMENTARILY CONNECT J1.16 TO J1.44. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P2-16 (UUT J1-16) FROM ID J1A-12D FROM ID A1P11.9 FROM ID P11-233 (S301-153) FROM ID A1J11.11	TO ID A1J11.9 TO ID P11-43 (S301-154)
FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1J10.2 TO ID P11-39 (S507-1)
FROM W1 P2-13 (UUT J1-13) FROM ID J1B-14B FROM ID A1P13.3	TO W1 P1B-14B TO ID A1J13.3 TO ID P12-46 (S201-7)
FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2)

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FROM ID P11-205 (S! FROM ID A1J9.2		ID A11	
FROM W1 P3-22 (UUT FROM ID J1A-3E FROM ID A1P14.13	TO	ID Ald	A-3E J14.13 3-19 (S201-34)
FROM W1 P2-39 (UUT FROM ID J1A-1E FROM ID A1P14.9	TO TO	W1 P1A ID A13 ID P13	
FROM W1 P2-6 (UUT 6 FROM ID J1B-13E FROM ID A1P13.10	J1-6) TO TO		3-13E J13.10 2-3 (S701-6)
FROM ID P12-44 (S70 FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S! FROM ID A1J9.23	TO TO TO		J10.1 L-162 (S506-2) P9.23
FROM ID P20-2 (DMM-FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S50 FROM ID A1J6.13	TO TO TO TO	ID A13	0-203 (S503-1) 96.13
FROM ID P20-3 (DMM-FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S3FROM ID A1J7.36	TO TO 301-24) TO		J7.38 D-130 (S301-23) P7.36

STEP 129

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.40, J3.22 AND J1.39 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29, J1.13 AND J1.17. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

FROM W1	P2-17 (UUT J1-17)	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)	ТО	ID	A1P12.44
FROM ID	A1J12.44	ТО	ID	A1J10.4
FROM ID	A1P10.4	ТО	ID	P11-71 (S507-2)
FROM ID	P11-72 (S507-4)	ТО	ID	A1P9.27

FROM ID	A1J9.27	TO	ID	BUS 2
EDOM M1	D2 20 (IIIII II 20)	шО	T.T 1	D17 10
	P2-29 (UUT J1-29)			P1A-1C
	J1A-1C			A1J14.5
FROM ID	A1P14.5	TO	TD	P13-49 (S201-17)
FROM ID	P12-20 (S201-3)	ТО	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
	A1J9.27			BUS 2
гр∩м м1	P2-13 (UUT J1-13)	ΤΩ	TAT 1	P1B-14B
	J1B-14B			A1J13.3
FROM ID	A1P13.3	10	TD	P12-46 (S201-7)
	P2-40 (UUT J1-40)			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)	ТО	ID	A1P12.40
	A1J12.40			A1J10.8
	A1P10.8			P11-139 (S508-2)
				A1P9.2
	A1J9.2			BUS 8
FROM ID	A10 9 . 2	10	TD	0 600
	P3-22 (UUT J3-22)			P1A-3E
_	J1A-3E			A1J14.13
FROM ID	A1P14.13	ТО	ID	P13-19 (S201-34)
FROM W1	P2-39 (UUT J1-39)	TO	W1	P1A-1E
FROM ID	J1A-1E	TO	ID	A1J14.9
FROM ID	A1P14.9	TO	ID	P13-17 (S201-26)
FROM W1	P2-6 (UUT J1-6)	ΤО	พ1	P1B-13E
	J1B-13E			A1J13.10
	A1P13.10			P12-3 (S701-6)
TROM ID	A11 13.10	10	ΙD	112 3 (8701 0)
FROM ID	P12-44 (S701-2)	TO	ID	A1P12.48
FROM ID	A1J12.48	TO	ID	A1J10.1
FROM ID	A1P10.1	ТО	ID	P11-162 (S506-2)
	P11-164 (S506-3)			A1P9.23
	A1J9.23			BUS 1
FROM TO	P20-2 (DMM-HI)	ΤО	Π	A1P15.49
	A1J15.49			A1J8.28
	A1P8.28			P10-203 (S503-1)
	P10-77 (S503-3)			A1P6.13
	A1J6.13			BUS 1
	P20-3 (DMM-LO)			A1P15.50
	A1J15.50			A1J7.38
	A1P7.38			P10-130 (S301-23)
	P10-229 (S301-24)			A1P7.36
FROM ID	A1J7.36	TO	GRO	DUND

Date: 04 March 2016

STEP 130

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.40, J3.22 AND J1.39 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29 AND J1.13. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-13 (UUT J1-13) FROM ID J1B-14B FROM ID A1P13.3	TO W1 P1B-14B TO ID A1J13.3 TO ID P12-46 (S201-7)
FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P3-22 (UUT J3-22) FROM ID J1A-3E FROM ID A1P14.13	TO W1 P1A-3E TO ID A1J14.13 TO ID P13-19 (S201-34)
FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM W1 P2-6 (UUT J1-6) FROM ID J1B-13E FROM ID A1P13.10	TO W1 P1B-13E TO ID A1J13.10 TO ID P12-3 (S701-6)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1

Date: 04 March 2016

FROM ID P20-2 (DMM-HI)
FROM ID A1J15.49
FROM ID A1J15.49
FROM ID A1P8.28
FROM ID A1P8.28
FROM ID P10-77 (S503-3)
FROM ID A1J6.13
FROM ID A1J6.13
TO ID A1P6.13
TO ID BUS 1

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

STEP 131

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.40 TO GROUND. 28.0VDC IS APPLIED TO PINS J1.29 AND J1.47. THE OUTPUT MEASURED AT PIN J1.6 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 J1-29)
FROM ID J1A-1C
FROM ID J1A-1C
FROM ID A1P14.5

FROM ID A1P14.5

TO ID P13-49 (S201-17)

FROM ID P12-20 (S201-3)
FROM ID A1J12.46
FROM ID A1J12.46
FROM ID A1P10.2
FROM ID P11-72 (S507-4)
FROM ID A1J9.27

FROM ID J1A-3F
FROM ID J1A-3F
FROM ID A1P14.14

FROM ID A1J12.46
FROM ID A1J12.46
FROM ID A1P14.14

FROM ID A1J12.46
FROM ID A1J12.47
FROM ID P11-72 (S507-4)
FROM ID P11-72 (S507-4)
FROM ID A1J19.27

FROM ID A1J14.11
FROM ID J1A-1F
FROM ID J1A-1F
FROM ID J1A-1F
FROM ID A1P14.11

FROM ID P12-80 (S201-2)

FROM ID P11-205 (S508-10)
FROM ID P11-205 (S508-10)
FROM ID P11-205 (S508-10)
FROM ID A1J9.2
TO ID BUS 8

Date: 04 March 2016

FROM W1 P2-6 (UUT J1-6) FROM ID J1B-13E FROM ID A1P13.10	TO W1 P1B-13E TO ID A1J13.10 TO ID P12-3 (S701-6)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 132

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.40 AND J3.22 TO GROUND. 28.0VDC IS APPLIED TO PINS J1.29, J1.47 AND J1.5. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-5 (UUT J1-5) FROM ID J1B-14A FROM ID A1P13.1	TO W1 P1B-14A TO ID A1J13.1 TO ID P12-79 (S201-5)
FROM W1 P3-22 (UUT J3-22) FROM ID J1A-3E	TO W1 P1A-3E TO ID A1J14.13
FROM ID AlP14.13	TO ID P13-19 (S201-34)
FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-47 (UUT J1-47)	TO W1 P1A-3F

Date: 04 March 2016

FROM	ID	J1A-3F A1P14.14	ТО	ID	A1J14.14
FROM	ID	A1P14.14	TO	ID	P13-18 (S201-35)
FROM	ID	P12-20 (S201-3) A1J12.46	TO		A1P12.46
FROM	ID	A1J12.46	TO	ID	A1J10.2
		A1P10.2		ID	P11-39 (S507-1)
FROM	ID	P11-72 (S507-4)	TO	ID	A1P9.27
		A1J9.27		ID	BUS 2
		P2-40 (UUT J1-40)			P1A-1F
FROM	ID	J1A-1F			A1J14.11
FROM	ID	A1P14.11	TO	ID	P13-51 (S201-28)
EDOM	TD	P12-80 (S201-2)	ТΟ	TD	A1P12.40
FROM	TD	A1J12.40			
					A1J10.8
		A1P10.8			P11-139 (S508-2)
		P11-205 (S508-10)			A1P9.2
FROM	ID	A1J9.2	ТО	ID	BUS 8
FROM	พ1	P2-6 (UUT J1-6)	ΤО	W 1	P1B-13E
		J1B-13E			A1J13.10
		A1P13.10			P12-3 (S701-6)
FROM	עד	AIPI3.10	10	עד	P12-3 (5/01-0)
FROM	ID	P12-44 (S701-2) A1J12.48	ТО	ID	A1P12.48
FROM	ID	A1J12.48	TO	ID	A1J10.1
FROM	ID	A1P10.1	ТО	ID	P11-162 (S506-2)
FROM	ID	P11-164 (S506-3)			A1P9.23
FROM	ID	A1P10.1 P11-164 (S506-3) A1J9.23			BUS 1
		P20-2 (DMM-HI)	TO	ID	A1P15.49
FROM	ID	A1J15.49	TO	ID	A1J8.28
FROM	ID	A1P8.28	TO	ID	P10-203 (S503-1)
FROM	ID	P10-77 (S503-3)	TO	ID	A1P6.13
FROM	ID	A1J6.13	ТО	ID	BUS 1
	T.	D00 2 (DMM TC)		T.	31515 50
		P20-3 (DMM-LO)	_		A1P15.50
		A1J15.50			A1J7.38
		A1P7.38			P10-130 (S301-23)
		P10-229 (S301-24)			A1P7.36
FROM	ID	A1J7.36	TO	GRO	DUND

STEP 133

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.40 AND J3.22 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29, J1.47 AND J1.5. MOMENTARILY CONNECT J1.16 TO J1.44. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P2-16 (UUT J1-16) FROM ID J1A-12D FROM ID A1P11.9 FROM ID P11-233 (S301-153)	TO ID A1J11.9 TO ID P11-43 (S301-154) TO ID A1P11.11
FROM ID A1J11.11 FROM W1 P2-5 (UUT J1-5) FROM ID J1B-14A	
FROM ID 31B-14A FROM ID A1P13.1	TO ID A1J13.1 TO ID P12-79 (S201-5)
FROM W1 P3-22 (UUT J3-22) FROM ID J1A-3E FROM ID A1P14.13	TO W1 P1A-3E TO ID A1J14.13 TO ID P13-19 (S201-34)
FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C	TO W1 P1A-1C TO ID A1J14.5
FROM ID A1P14.5	TO ID P13-49 (S201-17)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1)
FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-47 (UUT J1-47) FROM ID J1A-3F FROM ID A1P14.14	TO W1 P1A-3F TO ID A1J14.14 TO ID P13-18 (S201-35)
FROM ID P12-20 (S201-3) FROM ID A1J12.46	TO ID A1P12.46 TO ID A1J10.2
FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F	TO W1 P1A-1F TO ID A1J14.11
FROM ID A1P14.11	TO ID P13-51 (S201-28)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P2-6 (UUT J1-6) FROM ID J1B-13E FROM ID A1P13.10	TO W1 P1B-13E TO ID A1J13.10 TO ID P12-3 (S701-6)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1

Date: 04 March 2016

FROM ID P20-2 (DMM-HI)	TO ID A1P15.49
FROM ID A1J15.49	TO ID A1J8.28
FROM ID A1P8.28	TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3)	TO ID A1P6.13
FROM ID A1J6.13	TO ID BUS 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID A1P7.38	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 PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.40 AND J3.22 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29, J1.47, J1.5 AND J1.51. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

FROM W1 P2-51 (UUT J1-51) FROM ID J1B-9B FROM ID A1P12.2	TO W1 P1B-9B TO ID A1J12.2 TO ID P12-15 (S201-16)
FROM ID P12-52 (S201-4) FROM ID A1J12.44 FROM ID A1P10.4 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.44 TO ID A1J10.4 TO ID P11-71 (S507-2) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-5 (UUT J1-5) FROM ID J1B-14A FROM ID A1P13.1	TO W1 P1B-14A TO ID A1J13.1 TO ID P12-79 (S201-5)
FROM W1 P3-22 (UUT J3-22) FROM ID J1A-3E FROM ID A1P14.13	TO W1 P1A-3E TO ID A1J14.13 TO ID P13-19 (S201-34)
FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-47 (UUT J1-47)	TO W1 P1A-3F

Date: 04 March 2016

FROM	ID	J1A-3F	то	ID	A1J14.14
FROM	ID	A1P14.14	TO	ID	P13-18 (S201-35)
		P12-20 (S201-3)			A1P12.46
		A1J12.46			A1J10.2
		A1P10.2			P11-39 (S507-1)
		P11-72 (S507-4)			A1P9.27
FROM	ID	A1J9.27	TO	ID	BUS 2
EDOM	r.7 1	DO 40 /IIII T1 40)	ШΟ	r.7 1	D13 1E
		P2-40 (UUT J1-40)			P1A-1F
		J1A-1F			A1J14.11
FROM	TD	A1P14.11	.1.0	TD	P13-51 (S201-28)
FROM	ID	P12-80 (S201-2)	ТО	ID	A1P12.40
		A1J12.40			A1J10.8
		A1P10.8			P11-139 (S508-2)
		P11-205 (S508-10)			A1P9.2
		A1J9.2			BUS 8
FROM	W1	P2-6 (UUT J1-6)	то	W1	P1B-13E
FROM	ID	J1B-13E	TO	ID	A1J13.10
FROM	ID	A1P13.10	TO	ID	P12-3 (S701-6)
FROM	ID	P12-44 (S701-2)	TO	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
EDOM	TD	DOO O (DMM III)	ШΟ	TD	71D1E 40
		P20-2 (DMM-HI)			A1P15.49
		A1J15.49			A1J8.28
		A1P8.28			P10-203 (S503-1)
		P10-77 (S503-3)	_		A1P6.13
F.KOW	TD	A1J6.13	TO	TD	BUS 1
FROM	ID	P20-3 (DMM-LO)	ТО	ID	A1P15.50
		A1J7.36			OUND

STEP 135

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.40, J3.22. 28.0VDC IS APPLIED TO PIN J1.29, J1.47 AND J1.5. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-5 (UUT J1-5)	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) FROM ID J1A-3E FROM ID A1P14.13	TO W1 P1A-3E TO ID A1J14.13 TO ID P13-19 (S201-34)
FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-47 (UUT J1-47) FROM ID J1A-3F FROM ID A1P14.14	TO ID A1J14.14 TO ID P13-18 (S201-35)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P2-6 (UUT J1-6) FROM ID J1B-13E FROM ID A1P13.10	TO W1 P1B-13E TO ID A1J13.10 TO ID P12-3 (S701-6)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24)	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1 TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36
FROM ID A1J7.36	TO GROUND

Date: 04 March 2016

STEP 136

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.29 AND J1.13. MOMENTARILY CONNECT J1.16 TO J1.44. SHORT J1.39 TO GROUND. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

SEE "APPLY IC"

FROM	W1	P2-16 (UUT J1-16)	ТО	W1	P1A-12D
FROM	ID	J1A-12D	TO	ID	A1J11.9
FROM	ID	A1P11.9	ТО	ID	P11-43 (S301-154)
FROM	ID	P11-233 (S301-153)	ТО		A1P11.11
FROM	ID	A1J11.11	TO		A1J2.15 (DC2-HI J3-30)
			_		
FROM	W1	P2-39 (UUT J1-39)	ТО	W1	P1A-1E
FROM	ID	J1A-1E	TO	ID	A1J14.9
FROM	ID	A1P14.9	ТО	ID	P13-17 (S201-26)
FROM	ID	P12-80 (S201-2)		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
		A1J9.2			BUS 8
FROM	W1	P2-6 (UUT J1-6)	TO	W1	P1B-13E
		J1B-13E			A1J13.10
FROM	ID	A1P13.10	TO	ID	P12-3 (S701-6)
FROM	ID	P12-44 (S701-2)	TO	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)	ТО	ID	A1P9.23
FROM	ID	A1J9.23	ТО	ID	BUS 1
FROM	ID	P20-2 (DMM-HI)	ТО	ID	A1P15.49
		A1J15.49	ТО	ID	A1J8.28
FROM	ID	A1P8.28	ТО	ID	P10-203 (S503-1)
FROM	ID	P10-77 (S503-3)			A1P6.13
FROM	ID	A1J6.13			BUS 1
FROM	ID	P20-3 (DMM-LO)	ТО	ID	A1P15.50
FROM	ID	A1J15.50	ТО	ID	A1J7.38
		A1P7.38			P10-130 (S301-23)
		P10-229 (S301-24)			A1P7.36
		A1J7.36			DUND
			- 0		

Date: 04 March 2016

STEP 137

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.29, J1.13 AND J1.38. SHORT J1.39 TO GROUND. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P2-38 (UUT J1-38) FROM ID J1B-8B	TO W1 P1B-8B TO ID A1J12.5
FROM ID A1P12.5	TO ID P12-17 (S201-23)
FROM ID P12-20 (S201-3) FROM ID A1J12.46	TO ID A1P12.46 TO ID A1J10.2
FROM ID A1P10.2	TO ID P11-39 (S507-1)
FROM ID P11-72 (S507-4)	TO ID A1P9.27
FROM ID A1J9.27	TO ID BUS 2
FROM W1 P2-39 (UUT J1-39)	
FROM ID J1A-1E FROM ID A1P14.9	TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM ID AIP14.9	10 1D P13-17 (S201-20)
FROM ID P12-80 (S201-2)	TO ID A1P12.40
FROM ID A1J12.40 FROM ID A1P10.8	TO ID A1J10.8
FROM ID AIP10.8 FROM ID P11-205 (S508-10)	TO ID P11-139 (S508-2) TO ID A1P9.2
FROM ID A1J9.2	TO ID BUS 8
FROM W1 P2-6 (UUT J1-6)	TO W1 P1B-13E
FROM ID J1B-13E FROM ID A1P13.10	TO ID A1J13.10 TO ID P12-3 (S701-6)
FROM ID AIPIS.10	10 1D P12-3 (5701-0)
FROM ID P12-44 (S701-2)	TO ID A1P12.48
FROM ID A1J12.48	TO ID A1J10.1
FROM ID A1P10.1 FROM ID P11-164 (S506-3)	TO ID P11-162 (S506-2) TO ID A1P9.23
FROM ID PII-164 (5506-3) FROM ID A1J9.23	TO ID BUS 1
FROM ID A109.23	10 10 805 1
FROM ID P20-2 (DMM-HI)	TO ID A1P15.49
FROM ID A1J15.49	TO ID A1J8.28
FROM ID A1P8.28 FROM ID P10-77 (S503-3)	TO ID P10-203 (S503-1) TO ID A1P6.13
FROM ID P10-// (5503-3) FROM ID AlJ6.13	TO ID BUS 1
FROM ID ALOU.13	10 10 805 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID A1P7.38 FROM ID P10-229 (S301-24)	TO ID P10-130 (S301-23) TO ID A1P7.36
FROM ID P10-229 (5301-24) FROM ID A1J7.36	TO GROUND
111011 12 1110 / 100	20 31100112

Date: 04 March 2016

STEP 138

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29, J1.9 (FOR 10MSEC AND THEN OPEN), J1.13, J1.5 AND J1.38. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

SEE "APPLY IC"

FROM W	1 P2-29 (UUT J1-29)	то	W1	P1A-1C
FROM II	J1A-1C	TO	ID	A1J14.5
FROM II	D A1P14.5	ТО	ID	P13-49 (S201-17)
FROM II	D P12-20 (S201-3)	ТО	ID	A1P12.46
FROM II	D A1J12.46	TO	ID	A1J10.2
FROM II	D A1P10.2	ТО	ID	P11-39 (S507-1)
FROM II	D P11-72 (S507-4)			A1P9.27
	D A1J9.27	ТО	ID	BUS 2
FROM Wi	1 P2-9 (UUT J1-9)	ТО	W1	P1A-1A
FROM II	D J1A-1A	TO	ID	A1J14.1
FROM II	D A1P14.1	ТО	ID	P13-47 (S201-9)
FROM Wi	1 P2-13 (UUT J1-13)	ТО	W1	P1B-14B
FROM II	D J1B-14B	TO	ID	A1J13.3
FROM II	D A1P13.3	TO	ID	P12-46 (S201-7)
FROM W	1 P2-5 (UUT J1-5)	TO	W1	P1B-14A
FROM II	J1B-14A	ТО	ID	A1J13.1
FROM II	D A1P13.1	TO	ID	P12-79 (S201-5)
FROM W	1 P2-38 (UUT J1-38)	TO	W1	P1B-8B
FROM II	J1B-8B	TO	ID	A1J12.5
FROM II	D A1P12.5	TO	ID	P12-17 (S201-23)
	1 P2-39 (UUT J1-39)			P1A-1E
FROM II	D J1A-1E	TO	ID	A1J14.9
FROM II	D A1P14.9	TO	ID	P13-17 (S201-26)
	D P12-80 (S201-2)			A1P12.40
	D A1J12.40			A1J10.8
	D A1P10.8			P11-139 (S508-2)
	D P11-205 (S508-10)			A1P9.2
FROM II	D A1J9.2	TO	ID	BUS 8
	1 P2-6 (UUT J1-6)	TO	W1	P1B-13E
	D J1B-13E			A1J13.10
FROM II	D A1P13.10	TO	ID	P12-3 (S701-6)

Date: 04 March 2016

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

STEP 139

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29, J1.13, J1.5, J1.38 AND J1.8. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P2-8 (UUT J1-8) FROM ID J1A-5E FROM ID A1P14.17	TO W1 P1A-5E TO ID A1J14.17 TO ID P13-87 (S202-10)
FROM ID P13-29 (S202-4) FROM ID A1J14.50 FROM ID A1P10.50 FROM ID P11-147 (S510-4) FROM ID A1J9.31	TO ID A1P14.50 TO ID A1J10.50 TO ID P11-244 (S510-2) TO ID A1P9.31 TO ID BUS 2
FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-9 (UUT J1-9) FROM ID J1A-1A FROM ID A1P14.1	TO W1 P1A-1A TO ID A1J14.1 TO ID P13-47 (S201-9)

Date: 04 March 2016

FROM W1 P2-13 (UUT J1-13) FROM ID J1B-14B FROM ID A1P13.3	TO W1 P1B-14B TO ID A1J13.3 TO ID P12-46 (S201-7)
FROM W1 P2-5 (UUT J1-5) FROM ID J1B-14A FROM ID A1P13.1	TO W1 P1B-14A TO ID A1J13.1 TO ID P12-79 (S201-5)
FROM W1 P2-38 (UUT J1-38) FROM ID J1B-8B FROM ID A1P12.5	TO W1 P1B-8B TO ID A1J12.5 TO ID P12-17 (S201-23)
FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P2-6 (UUT J1-6) FROM ID J1B-13E FROM ID A1P13.10	TO W1 P1B-13E TO ID A1J13.10 TO ID P12-3 (S701-6)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 140

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 AND J1.46 TO GROUND. 8.0VDC IS APPLIED TO PIN J1.29, J1.13, J1.5, J1.38 AND J1.8. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

Date: 04 March 2016

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

FROM W1 P2-46 (UUT J1-46) TO W1 P1B-7B
FROM ID J1B-7B TO ID A1J12.8
FROM ID A1P12.8 TO ID P12-50 (S201-30)

FROM ID P13-29 (S202-4)
FROM ID A1J14.50
FROM ID A1J14.50
FROM ID A1P10.50
FROM ID P11-147 (S510-4)
FROM ID A1J9.31
TO ID BUS 2

FROM W1 P2-29 (UUT J1-29) TO W1 P1A-1C FROM ID J1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)

FROM ID P12-20 (S201-3)
FROM ID A1J12.46
FROM ID A1J12.46
FROM ID A1P10.2
FROM ID P11-72 (S507-4)
FROM ID A1J9.27
FROM ID A1J9.27
TO ID A1P9.27
FROM ID BUS 2

FROM ID A1J9.27

FROM W1 P2-9 (UUT J1-9) TO W1 P1A-1A FROM TD J1A-1A TO ID AlJ14.1

FROM ID J1A-1A

FROM W1 P2-13 (UUT J1-13) 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 J1-5) TO W1 P1B-14A FROM ID J1B-14A TO ID A1J13.1 FROM ID A1P13.1 TO ID P12-79 (

FROM ID A1P13.1

FROM W1 P2-38 (UUT J1-38) TO W1 P1B-8B FROM ID J1B-8B TO ID A1J12.5

FROM ID A1P12.5

FROM W1 P2-39 (UUT J1-39) TO W1 P1A-1E FROM ID J1A-1E TO ID A1J14.9

FROM ID J1A-1E FROM ID A1P14.9

FROM ID P12-80 (S201-2)

FROM ID A1J12.40

FROM ID A1J10.8

FROM ID A1P10.8

FROM ID P11-205 (S508-10)

FROM ID A1J9.2

FROM ID A1J9.2

FROM ID A1J9.2

FROM W1 P2-6 (UUT J1-6) TO W1 P1B-13E

FROM W1 P2-8 (UUT J1-8) TO W1 P1A-5E FROM ID J1A-5E TO ID A1J14.17 FROM ID A1P14.17 TO ID P13-87 (S202-10)

TO ID BUS 2

TO ID P13-47 (S201-9)

TO ID P12-79 (S201-5)

TO ID P12-17 (S201-23)

TO ID P13-17 (S201-26)

TO ID BUS 8

Date: 04 March 2016

FROM	ID	J1B-13E	TO	ID	A1J13.10
FROM	ID	A1P13.10	TO	ID	P12-3 (S701-6)
FROM	ID	P12-44 (S701-2)	TO	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)	ТО	ID	A1P9.23
FROM	ID	A1J9.23	TO	ID	BUS 1
FROM	ID	P20-2 (DMM-HI)	ТО	ID	A1P15.49
FROM	ID	A1J15.49	TO	ID	A1J8.28
FROM	ID	A1P8.28	TO	ID	P10-203 (S503-1)
FROM	ID	P10-77 (S503-3)	ТО	ID	A1P6.13
FROM	ID	A1J6.13	ТО	ID	BUS 1
FROM	ID	P20-3 (DMM-LO)	ТО	ID	A1P15.50
FROM	ID	A1J15.50	ТО	ID	A1J7.38
_		A1P7.38			P10-130 (S301-23)
		P10-229 (S301-24)			A1P7.36
		•			
F'ROM	TD	A1J7.36	.I.O	GRO	DUND

STEP 141

DESCRIPTION:

CONNECTION PATH IS AS FOLLOWS:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29, J1.19 (FOR 2 SECONDS AND THEN OPEN), J1.5 AND J1.38. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

SEE "UUT POWER" SEE "APPLY IC" FROM W1 P2-29 (UUT J1-29) TO W1 P1A-1C FROM ID J1A-1C TO ID A1J14.5 FROM ID J1A-1C FROM ID A1P14.5 TO ID P13-49 (S201-17) FROM ID A1P14.5 FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1J10.2 FROM ID A1P10.2 FROM ID P11-72 (S507-4) TO ID A1P12.46 TO ID P11-39 (S507-1) TO ID A1P9.27 FROM ID A1J9.27 TO ID BUS 2 FROM W1 P2-19 (UUT J1-19) 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 (S TO ID P11-71 (S507-2) FROM ID P11-72 (S507-4) TO ID A1P9.27 FROM ID A1J9.27 TO ID BUS 2

Date: 04 March 2016

F	ROM	W1	P2-5 (UUT J1-5)	ТО	W1	P1B-14A
F	ROM	ID	J1B-14A	TO	ID	A1J13.1
F	ROM	ID	A1P13.1	то	ID	P12-79 (S201-5)
						,
F	ROM	w1	P2-38 (UUT J1-38)	то	W1	P1B-8B
			J1B-8B			A1J12.5
			A1P12.5			P12-17 (S201-23)
I.	ICOM	ΙD	AIF 12.5	10	דע	112 17 (5201 25)
F	ROM	w1	P2-39 (UUT J1-39)	то	W 1	P1A-1E
			J1A-1E	_		A1J14.9
			A1P14.9			P13-17 (S201-26)
r.	ROM	TD	AIPI4.9	10	TD	P13-17 (S201-26)
F	РОМ	TD	P12-80 (S201-2)	ТΟ	TD	A1P12.40
			A1J12.40			A1J10.8
			A1P10.8			P11-139 (S508-2)
F.	ROM	ID	P11-205 (S508-10)	TO	ID	A1P9.2
F	ROM	ID	A1J9.2	TO	ID	BUS 8
						P1B-13E
F	ROM	ID	J1B-13E	TO	ID	A1J13.10
F	ROM	ID	A1P13.10	TO	ID	P12-3 (S701-6)
			P12-44 (S701-2)	TO	ID	A1P12.48
F	ROM	ID	A1J12.48	TO	ID	A1J10.1
F	ROM	ID	A1P10.1	TO	ID	P11-162 (S506-2)
F	ROM	ID	P11-164 (S506-3)	ТО	ID	A1P9.23
			A1J9.23			BUS 1
			11100.10	-0		202 1
F	ROM	ID	P20-2 (DMM-HI)	то	ID	A1P15.49
F	ROM	TD	A1J15.49			A1J8.28
			A1P8.28			P10-203 (S503-1)
			P10-77 (S503-3)			A1P6.13
F'.	ROM	TD	A1J6.13	JO	TD	BUS 1
וים	р∩м	TD	P20-3 (DMM-LO)	т∩	TD	A1P15.50
			A1J15.50	_		
						A1J7.38
			A1P7.38			P10-130 (S301-23)
			P10-229 (S301-24)			A1P7.36
F	ROM	ID	A1J7.36	TO	GRO	DUND

STEP 142

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29, J1.5, J1.38 AND J1.9. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS: SEE "UUT POWER"

FROM W1 P2-9 (UUT J1-9) 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 J1-29)	
FROM ID J1A-1C	TO ID A1J14.5
FROM ID A1P14.5	TO ID P13-49 (S201-17)
FROM ID P12-20 (S201-3)	TO ID A1P12.46
FROM ID A1D10.3	TO ID A1J10.2
FROM ID A1P10.2 FROM ID P11-72 (S507-4)	TO ID P11-39 (S507-1) TO ID A1P9.27
FROM ID P11-72 (3507-4) FROM ID A1J9.27	TO ID BUS 2
FROM W1 P2-5 (UUT J1-5)	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 J1-38)	
FROM ID J1B-8B	TO ID A1J12.5
FROM ID A1P12.5	TO ID P12-17 (S201-23)
FROM W1 P2-39 (UUT J1-39)	
FROM ID J1A-1E	TO ID A1J14.9
FROM ID A1P14.9	TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2)	TO ID A1P12.40
FROM ID A1J12.40	TO ID A1J10.8
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 P2-6 (UUT J1-6)	TO W1 P1B-13E
FROM ID J1B-13E	TO ID A1J13.10
FROM ID A1P13.10	TO ID P12-3 (S701-6)
FROM ID P12-44 (S701-2)	TO 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

Date: 04 March 2016

STEP 143

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 AND J1.12 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29, J1.5, J1.38 AND J1.9. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-12 (UUT J1-12) FROM ID J1B-8A FROM ID A1P12.4	TO W1 P1B-8A TO ID A1J12.4 TO ID P12-18 (S201-22)
FROM W1 P2-9 (UUT J1-9) FROM ID J1A-1A FROM ID A1P14.1	TO W1 P1A-1A TO ID A1J14.1 TO ID P13-47 (S201-9)
FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-5 (UUT J1-5) FROM ID J1B-14A FROM ID A1P13.1	TO W1 P1B-14A TO ID A1J13.1 TO ID P12-79 (S201-5)
FROM W1 P2-38 (UUT J1-38) FROM ID J1B-8B FROM ID A1P12.5	TO W1 P1B-8B TO ID A1J12.5 TO ID P12-17 (S201-23)
FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P2-6 (UUT J1-6) FROM ID J1B-13E FROM ID A1P13.10	TO W1 P1B-13E TO ID A1J13.10 TO ID P12-3 (S701-6)
FROM ID P12-44 (S701-2)	TO ID A1P12.48

Date: 04 March 2016

FROM	ID	A1J12.48	ТО	ID	A1J10.1
FROM	ID	A1P10.1	TO	ID	P11-162 (S506-2)
FROM	ID	P11-164 (S506-3)	ТО	ID	A1P9.23
FROM	ID	A1J9.23	ТО	ID	BUS 1
FROM	ID	P20-2 (DMM-HI)	то	ID	A1P15.49
FROM	ID	A1J15.49	ТО	ID	A1J8.28
FROM	ID	A1P8.28	ТО	ID	P10-203 (S503-1)
FROM	ID	P10-77 (S503-3)	ТО	ID	A1P6.13
FROM	ID	A1J6.13	ТО	ID	BUS 1
FROM	ID	P20-3 (DMM-LO)	то	ID	A1P15.50
FROM	ID	A1J15.50	ТО	ID	A1J7.38
		P10-229 (S301-24) AlJ7.36			A1P7.36 DUND

STEP 144

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 AND J1.12 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29, J1.5, J1.38 AND J1.9. MOMENTARILY CONNECT J1.16 TO J1.44. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P2-16 (UUT J1-16)	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 J1-12)	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 J1-9)	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 J1-29)	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)	
FROM ID A1J9.27	TO ID BUS 2
11(0)1 10 1110) . 2 /	10 10 000 2

Date: 04 March 2016

FROM W1 P2-5 (UUT J1-5) FROM ID J1B-14A FROM ID A1P13.1	TO W1 P1B-14A TO ID A1J13.1 TO ID P12-79 (S201-5)
FROM W1 P2-38 (UUT J1-38) FROM ID J1B-8B FROM ID A1P12.5	TO W1 P1B-8B TO ID A1J12.5 TO ID P12-17 (S201-23)
FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P2-6 (UUT J1-6) FROM ID J1B-13E FROM ID A1P13.10	TO W1 P1B-13E TO ID A1J13.10 TO ID P12-3 (S701-6)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 145

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39, J1.12 AND J1.56 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29, J1.5, J1.38 AND J1.9. INITIATE COUNTER/TIMER TO MEASURE THE TIME INTERVAL BETWEEN PINS J1.56 AND J1.6. WHEN J1.56 DECREASES PAST 5 VOLTS, THE OUTPUT AT PIN J1.6 SHOULD DROP TO LESS THAN 0.5VDC RELATIVE TO GROUND IN BETWEEN 190 AND 725 MSECS.

FROM ID P13-93 (S202-3)	TO 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)	
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 TO ID BUS 5
FROM ID A1J7.45	10 ID 802 2
FROM W1 P2-6 (UUT J1-6)	
FROM ID J1B-13E	TO ID A1J13.10
FROM ID A1P13.10	TO ID P12-3 (S701-6)
FROM ID P12-44 (S701-2)	TO ID A1P12.48
FROM ID A1J12.48	TO ID A1J10.1
FROM ID A1P10.1	TO ID P11-162 (S506-2)
` '	TO ID A1P9.50
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 J1-30)	
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 P2-12 (UUT J1-12)	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 J1-9)	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 J1-29)	TO W1 P1A-1C
FROM ID J1A-1C	TO ID A1J14.5
FROM ID A1P14.5	TO ID P13-49 (S201-17)
FROM ID P12-20 (S201-3)	TO ID A1P12.46
FROM ID AlJ12.46	TO ID A1J10.2
FROM ID A1P10.2	TO ID P11-39 (S507-1)
FROM ID P11-72 (S507-4)	TO ID A1P9.27

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FROM ID A1J9.27		TO II	D BUS 2
FROM W1 P2-5 (UUT FROM ID J1B-14A FROM ID A1P13.1	· J1-5)	TO II	1 P1B-14A D A1J13.1 D P12-79 (S201-5)
FROM W1 P2-38 (UU FROM ID J1B-8B FROM ID A1P12.5	JT J1-38)	TO II	1 P1B-8B C A1J12.5 C P12-17 (S201-23)
FROM W1 P2-39 (UU FROM ID J1A-1E FROM ID A1P14.9	JT J1-39)	TO II	1 P1A-1E D A1J14.9 D P13-17 (S201-26)
FROM ID P12-80 (S FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (FROM ID A1J9.2	S201-2) S508-10)	TO II TO II	D A1P12.40 D A1J10.8 D P11-139 (S508-2) D A1P9.2 D BUS 8
FROM W1 P2-6 (UUT FROM ID J1B-13E FROM ID A1P13.10	J1-6)	TO II	1 P1B-13E D A1J13.10 D P12-3 (S701-6)
FROM ID P12-44 (S FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (FROM ID A1J9.23		TO II TO II	D A1P12.48 D A1J10.1 D P11-162 (S506-2) D A1P9.23 D BUS 1
FROM ID P20-2 (DM FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (SFROM ID A1J6.13		TO II	D A1P15.49 D A1J8.28 D P10-203 (S503-1) D A1P6.13 D BUS 1
FROM ID P20-3 (DM FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (FROM ID A1J7.36		TO II TO II	D A1P15.50 D A1J7.38 D P10-130 (S301-23) D A1P7.36 ROUND

STEP 146

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29, J1.19 (FOR 2 SECONDS AND THEN OPEN), J1.47 AND J1.8. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

SEE	"APPLY	TC"
'J L' L'	APPLIT	1 (.

FROM	₩1	P2-29 (UUT J1-29)	ТΟ	₩1	P1A-1C
		J1A-1C			A1J14.5
		A1P14.5			P13-49 (S201-17)
FROM	ΙD	AIPI4.5	10	ΙD	P13-49 (3201-17)
БР∪W	TD	P12-20 (S201-3)	ΤО	TD	A1P12.46
		A1J12.46			A1J10.2
		A1P10.2			P11-39 (S507-1)
		P11-72 (S507-4)			A1P9.27
FROM	ID	A1J9.27	JO	TD	BUS 2
ED OM	TAT 1	P2-19 (UUT J1-19)	ТΩ	TAT 1	P1B-13C
		J1B-13C			A1J13.6
		A1P13.6			P12-78 (S201-14)
FROM	ID	AIPI3.0	10	ΙD	P12-78 (S201-14)
FROM	TD	P12-52 (S201-4)	ТΟ	TD	A1P12.44
		A1J12.44			A1J10.4
		A1P10.4			P11-71 (S507-2)
		P11-72 (S507-4)			A1P9.27
FROM	TD	A1J9.27	10	TD	BUS 2
FROM	w1	P2-47 (UUT J1-47)	ΤО	พ1	P1A-3F
		J1A-3F			A1J14.14
		A1P14.14			P13-18 (S201-35)
11011	10	7111 11.11	10		113 10 (5201 33)
FROM	W1	P2-8 (UUT J1-8)	ТО	W1	P1A-5E
		J1A-5E			A1J14.17
		A1P14.17			P13-87 (S202-10)
11011	10	7111 11.17	10		113 07 (5202 10)
FROM	ID	P13-29 (S202-4)	ТО	ID	A1P14.50
FROM	ID	A1J14.50			A1J10.50
FROM	ID	A1P10.50			P11-244 (S510-2)
		P11-147 (S510-4)			A1P9.31
		Alj9.31			BUS 2
FROM	W1	P2-39 (UUT J1-39)	ТО	W1	P1A-1E
FROM	ID	J1A-1E	ТО	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	P2-6 (UUT J1-6)			P1B-13E
FROM	ID	J1B-13E	TO	ID	A1J13.10
FROM	ID	A1P13.10	TO	ID	P12-3 (S701-6)
	_				-1-10 10
		P12-44 (S701-2)			A1P12.48
		A1J12.48			A1J10.1
		A1P10.1			P11-162 (S506-2)
FROM	ID	P11-164 (S506-3)	TO	ID	A1P9.23

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

STEP 147

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29, J1.47, J1.8 AND J1.38. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P2-38 (UUT J1-38) FROM ID J1B-8B FROM ID A1P12.5	TO W1 P1B-8B TO ID A1J12.5 TO ID P12-17 (S201-23)
FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-47 (UUT J1-47) FROM ID J1A-3F FROM ID A1P14.14	TO W1 P1A-3F TO ID A1J14.14 TO ID P13-18 (S201-35)
FROM W1 P2-8 (UUT J1-8) FROM ID J1A-5E FROM ID A1P14.17	TO W1 P1A-5E TO ID A1J14.17 TO ID P13-87 (S202-10)
FROM ID P13-29 (S202-4) FROM ID A1J14.50 FROM ID A1P10.50 FROM ID P11-147 (S510-4) FROM ID A1J9.31	TO ID A1P14.50 TO ID A1J10.50 TO ID P11-244 (S510-2) TO ID A1P9.31 TO ID BUS 2

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FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P2-6 (UUT J1-6) FROM ID J1B-13E FROM ID A1P13.10	TO W1 P1B-13E TO ID A1J13.10 TO ID P12-3 (S701-6)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1J10.1 TO ID P11-162 (S506-2)
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 148

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29, J1.8 AND J1.38. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P2-38 (UUT J1-38) FROM ID J1B-8B FROM ID A1P12.5	TO W1 P1B-8B TO ID A1J12.5 TO ID P12-17 (S201-23)
FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM ID P12-20 (S201-3) FROM ID A1J12.46	TO ID A1P12.46 TO ID A1J10.2

FROM ID A1P10.2	TO ID P11-39 (S507-1)
FROM ID A1P10.2 FROM ID P11-72 (S507-4)	TO ID A1P9.27
FROM ID Alj9.27	TO ID BUS 2
11011 15 11105.27	10 10 000 2
FROM W1 P2-8 (UUT J1-8)	TO W1 P1A-5E
FROM ID J1A-5E	TO ID A1J14.17
FROM ID A1P14.17	TO ID P13-87 (S202-10)
TROM ID MITTIET	10 10 113 07 (5202 10)
FROM ID P13-29 (S202-4)	TO ID A1P14.50
FROM ID A1J14.50	TO ID A1J10.50
FROM ID A1P10.50 FROM ID P11-147 (S510-4)	TO ID A1P9.31
FROM ID A1J9.31	TO ID BUS 2
FROM ID A109.51	10 10 005 2
FROM W1 P2-39 (UUT J1-39)	TO W1 P1A-1E
FROM ID J1A-1E	TO ID A1J14.9
FROM ID A1P14.9	TO ID P13-17 (S201-26)
TROM ID MITTI.	10 10 113 17 (5201 20)
FROM ID P12-80 (S201-2)	TO ID A1P12.40
FROM ID AlJ12.40	TO ID A1J10.8
FROM ID A1P10.8	TO ID P11-139 (S508-2)
FROM ID P11-205 (S508-10)	TO ID A1P9.2
FROM ID A1J9.2	TO ID BUS 8
FROM ID A109.2	10 10 805 6
FROM W1 P2-6 (UUT J1-6)	TO W1 P1B-13E
FROM ID J1B-13E	TO ID A1J13.10
FROM ID A1P13.10	TO ID P12-3 (S701-6)
	,
FROM ID P12-44 (S701-2)	TO ID A1P12.48
FROM ID A1J12.48	TO ID A1J10.1
FROM ID A1P10.1	TO ID P11-162 (S506-2)
FROM ID P11-164 (S506-3)	TO ID A1P9.23
FROM ID A1J9.23	TO ID BUS 1
FROM ID P20-2 (DMM-HI)	TO ID A1P15.49
FROM ID A1J15.49	TO ID A1J8.28
FROM ID A1P8.28	TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3)	TO ID A1P6.13
FROM ID AlJ6.13	TO ID BUS 1
INOPI ID AIOU.IS	10 10 000 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID 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 LU ALU 1.30	IO GROOND

Date: 04 March 2016

STEP 149

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 AND J1.56 TO GROUND. 28.0VDC IS APPLIED TO PIN J1.29, J1.8 AND J1.38. INITIATE COUNTER/TIMER TO MEASURE THE TIME INTERVAL BETWEEN PINS J1.56 AND J1.6. WHEN J1.56 DECREASES PAST 5 VOLTS, THE OUTPUT AT PIN J1.6 SHOULD DROP TO LESS THAN 0.5VDC RELATIVE TO GROUND IN BETWEEN 190 AND 725 MSECS.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

FROM II FROM II FROM II	D P13-93 (S202-3) D A1J14.49 D A1P10.48 D P11-115 (S510-7) D A1J9.38	TO :	ID ID ID	A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.38 BUS 5
FROM II FROM II	D P19-18 (CT-IN1) D A1J21.1 D A1P6.8 D P10-161 (S501-7) D A1J7.45	TO :	ID ID ID	A1P21.1 A1J6.8 P10-162 (S501-2) A1P7.45 BUS 5
FROM I	1 P2-6 (UUT J1-6) D J1B-13E D A1P13.10	TO :	ID	P1B-13E A1J13.10 P12-3 (S701-6)
FROM II FROM II	D P12-44 (S701-2) D A1J12.48 D A1P10.1 D P11-193 (S506-6) D A1J9.50	TO :	ID ID ID	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.50 BUS 4
FROM II FROM II	D P19-19 (CT-IN2) D A1J22.1 D A1P6.10 D P10-38 (S502-6) D A1J7.43	TO :	ID ID ID	A1P22.1 A1J6.10 P10-71 (S502-2) A1P7.43 BUS 4
FROM I	1 P2-30 (UUT J1-30) D J1B-4B D A1P12.17	TO :	ID	P1B-4B A1J12.17 P12-96 (S202-47)
FROM II FROM II	D P13-93 (S202-3) D A1J14.49 D A1P10.48 D P11-147 (S510-4) D A1J9.31	TO :	ID ID ID	A1P14.49 A1J10.48 P11-52 (S510-1) A1P9.31 BUS 2
FROM W	1 P2-38 (UUT J1-38)	TO I	W1	P1B-8B

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FROM ID J1B-8B FROM ID A1P12.5	TO ID A1J12.5 TO ID P12-17 (S201-23)
FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-8 (UUT J1-8) FROM ID J1A-5E FROM ID A1P14.17	TO W1 P1A-5E TO ID A1J14.17 TO ID P13-87 (S202-10)
FROM ID P13-29 (S202-4) FROM ID A1J14.50 FROM ID A1P10.50 FROM ID P11-147 (S510-4) FROM ID A1J9.31	TO ID A1P14.50 TO ID A1J10.50 TO ID P11-244 (S510-2) TO ID A1P9.31 TO ID BUS 2
FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P2-6 (UUT J1-6) FROM ID J1B-13E FROM ID A1P13.10	TO W1 P1B-13E TO ID A1J13.10 TO ID P12-3 (S701-6)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

Date: 04 March 2016

STEP 150

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.29, J1.47 AND J1.17. THE OUTPUT MEASURED AT PIN J1.6 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 J1-29)	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 P2-47 (UUT J1-47)	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 J1-17)	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 P2-6 (UUT J1-6)	TO W1 P1B-13E
FROM ID J1B-13E	TO ID A1J13.10
FROM ID A1P13.10	TO ID P12-3 (S701-6)
FROM ID P12-44 (S701-2)	TO 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

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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 151

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.29, J1.47, J1.17 AND J3.16. THE OUTPUT MEASURED AT PIN J1.6 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 J1-29) TO W1 P1A-1C FROM ID J1A-1C TO ID A1J14.5 FROM ID A1P14.5 TO ID P13-49 (S201-17) FROM ID A1P14.5 FROM ID P12-20 (S201-3)
FROM ID A1J12.46
FROM ID A1J10.2
FROM ID A1P10.2
FROM ID P11-72 (S507-4)
FROM ID A1J9.27
TO ID A1P9.27
FROM ID A1J9.27
TO ID BUS 2 FROM W1 P2-47 (UUT J1-47)
FROM ID J1A-3F
FROM ID A1P14.14
TO ID P13-18 (S201-35) FROM W1 P2-17 (UUT J1-17) TO W1 P1A-2B FROM ID J1A-2B TO ID A1J14.4 FROM ID A1P14.4 TO ID P13-48 (FROM ID A1P14.4 TO ID P13-48 (S201-12) FROM ID P12-52 (S201-4)

FROM ID A1J12.44

FROM ID A1J12.44

FROM ID A1P10.4

FROM ID P11-72 (S507-4)

FROM ID P11-72 (S507-4)

TO ID A1P9.27

FROM ID P11-72 (S507-4)

TO ID A1P9.27 FROM ID A1J9.27 TO ID BUS 2 FROM W1 P2-6 (UUT J1-6) TO W1 P1B-13E FROM ID J1B-13E

TO ID P12-3 (S701-6) FROM ID P12-44 (S701-2) TO ID A1P12.48
FROM ID A1J12.48 TO ID A1J10.1
FROM ID A1P10.1 TO ID P11-162 TO ID A1P12.48 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)
FROM ID A1J15.49
FROM ID A1J15.49
FROM ID A1P8.28
FROM ID P10-77 (S503-3)
FROM ID A1J6.13
FROM ID P20-3 (DMM-LO)
FROM ID A1J15.50
FROM ID A1J15.50
FROM ID A1P7.38
FROM ID P10-229 (S301-24)
FROM ID A1J7.36

STEP 152

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.29, J1.47, J1.17 AND J3.16. SHORT J1.50 TO GROUND. THE OUTPUT MEASURED AT PIN J1.6 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-50 (UUT J1-50) FROM ID J1B-6A FROM ID A1P12.10	TO W1 P1B-6A TO ID A1J12.10 TO ID P12-83 (S201-32)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1J10.8 TO ID P11-139 (S508-2)
FROM W1 P3-16 (UUT J3-16) FROM ID J1B-6C FROM ID A1P12.12	TO W1 P1B-6C TO ID A1J12.12 TO ID P12-53 (S201-39)
FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1J10.2 TO ID P11-39 (S507-1)
FROM W1 P2-47 (UUT J1-47) FROM ID J1A-3F FROM ID A1P14.14	TO W1 P1A-3F TO ID A1J14.14 TO ID P13-18 (S201-35)
FROM W1 P2-17 (UUT J1-17) FROM ID J1A-2B	TO W1 P1A-2B TO ID A1J14.4

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FROM ID	A1P14.4	ТО	ID	P13-48 (S201-12)
FROM ID	P12-52 (S201-4)	то	ID	A1P12.44
	A1J12.44			A1J10.4
	A1P10.4	ТО	ID	P11-71 (S507-2)
FROM ID	P11-72 (S507-4)			A1P9.27
	A1J9.27	TO	ID	BUS 2
FROM W1	P2-6 (UUT J1-6)	ТО	W1	P1B-13E
FROM ID	J1B-13E	TO	ID	A1J13.10
FROM ID	A1P13.10	ТО	ID	P12-3 (S701-6)
FROM ID	P12-44 (S701-2)	то	ID	A1P12.48
FROM ID	A1J12.48	TO	ID	A1J10.1
	A1P10.1	TO	ID	P11-162 (S506-2)
FROM ID	P11-164 (S506-3)	TO	ID	A1P9.23
FROM ID	A1J9.23	ТО	ID	BUS 1
FROM ID	P20-2 (DMM-HI)	ТО	ID	A1P15.49
FROM ID	A1J15.49	TO	ID	A1J8.28
-	A1P8.28	TO	ID	P10-203 (S503-1)
FROM ID	P10-77 (S503-3)	TO	ID	A1P6.13
FROM ID	A1J6.13	ТО	ID	BUS 1
FROM ID	P20-3 (DMM-LO)	ТО	ID	A1P15.50
FROM ID	A1J15.50			A1J7.38
	A1P7.38	TO	ID	P10-130 (S301-23)
	P10-229 (S301-24)	TO	ID	A1P7.36
FROM ID	A1J7.36	ТО	GRO	DUND

STEP 153

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT PIN J1.26 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS: SEE "UUT POWER"

SEE "APPLY IC"

FROM W1 P2-26 (UUT J1-26) TO W1 P1A-6C FROM ID J1A-6C TO ID A1J15.12

FROM ID A1P15.12

FROM ID P12-44 (S701-2) TO ID A1P12.48

FROM ID A1J9.23

FROM ID P20-2 (DMM-HI) TO ID A1P15.49

FROM ID A1J15.49

FROM ID A1P8.28

TO ID P13-74 (S701-34)

FROM ID A1J12.48

FROM ID A1J10.1

FROM ID A1P10.1

FROM ID P11-164 (S506-3)

TO ID A1J10.1

TO ID P11-162 (S506-2)

TO ID A1P9.23

TO ID BUS 1

TO ID BUS 1

TO ID A1J8.28

TO ID P10-203 (S503-1)

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FROM ID P10-77 (S503-3) TO ID A1P6.13
FROM ID A1J6.13 TO ID BUS 1

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

STEP 154

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.60. THE OUTPUT MEASURED AT PIN J1.26 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-60 (UUT J1-60) FROM ID J1A-1D FROM ID A1P14.7	TO W1 P1A-1D TO ID A1J14.7 TO ID P13-79 (S201-20)
FROM ID P12-52 (S201-4) FROM ID A1J12.44	TO ID A1J10.4
FROM ID A1P10.4 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID P11-71 (S507-2) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-26 (UUT J1-26) FROM ID J1A-6C FROM ID A1P15.12	TO W1 P1A-6C TO ID A1J15.12 TO ID P13-74 (S701-34)
FROM ID P12-44 (S701-2) FROM ID A1J12.48	TO ID A1J10.1
FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

Date: 04 March 2016

STEP 155

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.60 AND J1.61. THE OUTPUT MEASURED AT PIN J1.26 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

FROM W1 P2-61 (UUT J1-61) FROM ID J1B-7A FROM ID A1P12.7	TO W1 P1B-7A TO ID A1J12.7 TO ID P12-82 (S201-29)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4)	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27
FROM ID A1J9.27	TO ID BUS 2
FROM W1 P2-60 (UUT J1-60) FROM ID J1A-1D	TO W1 P1A-1D TO ID A1J14.7
FROM ID A1P14.7	TO ID P13-79 (S201-20)
FROM ID P12-52 (S201-4)	TO ID AlP12.44
FROM ID A1J12.44	TO ID A1J10.4
FROM ID A1P10.4	TO ID P11-71 (S507-2) TO ID A1P9.27
FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID BUS 2
FROM W1 P2-26 (UUT J1-26)	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 AlP12.48
FROM ID A1J12.48	TO ID A1J10.1
FROM ID A1P10.1 FROM ID P11-164 (S506-3)	TO ID P11-162 (S506-2) TO ID A1P9.23
FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID AIP9.23
FROM ID P20-2 (DMM-HI)	TO ID A1P15.49
FROM ID A1J15.49	TO ID A1J8.28
FROM ID A1P8.28	TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3)	TO ID A1P6.13
FROM ID A1J6.13	TO ID BUS 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID A1P7.38	TO ID P10-130 (S301-23)
FROM ID P10-229 (S301-24)	
FROM ID A1J7.36	TO GROUND

Date: 04 March 2016

STEP 156

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.60. THE OUTPUT MEASURED AT PIN J1.26 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

FROM W1 P2-60 (UUT J1-60) FROM ID J1A-1D FROM ID A1P14.7	TO W1 P1A-1D TO ID A1J14.7 TO ID P13-79 (S201-20)
FROM ID P12-52 (S201-4) FROM ID A1J12.44 FROM ID A1P10.4 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.44 TO ID A1J10.4 TO ID P11-71 (S507-2) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-26 (UUT J1-26) FROM ID J1A-6C FROM ID A1P15.12	TO W1 P1A-6C TO ID A1J15.12 TO ID P13-74 (S701-34)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 157

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.60 AND J1.27. THE OUTPUT MEASURED AT PIN J1.26 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

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FROM W1 P2-27 (UUT J1-27)	TO W1 P1B-14C
FROM ID J1B-14C	TO ID A1J13.5
FROM ID A1P13.5	TO ID P12-14 (S201-13)
	(,
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 P2-60 (UUT J1-60)	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 P2-26 (UUT J1-26)	TO W1 P1A-6C
FROM ID J1A-6C	TO ID A1J15.12
FROM ID A1P15.12	TO ID P13-74 (S701-34)
EDOM ID D10 44 (G701 0)	mo TD 31D10 40
FROM ID P12-44 (S701-2)	TO ID A1712.48
FROM ID A1J12.48	TO ID A1J10.1
FROM ID A1P10.1 FROM ID P11-164 (S506-3)	TO ID P11-162 (S506-2)
FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P9.23 TO ID BUS 1
FROM ID A109.23	10 1D 802 1
FROM ID P20-2 (DMM-HI)	TO ID A1P15.49
FROM ID A1J15.49	TO ID A1J8.28
FROM ID A1P8.28	TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3)	TO ID A1P6.13
FROM ID A1J6.13	TO ID BUS 1
11:01 10 11100.10	10 10 000 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID A1P7.38	TO ID P10-130 (S301-23)
FROM ID P10-229 (S301-24)	
FROM ID A1J7.36	TO GROUND

STEP 158

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT PIN J1.23 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER" SEE "APPLY IC"

FROM W1 P2-23 (UUT J1-23) TO W1 P1A-6A

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

STEP 159

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.60. THE OUTPUT MEASURED AT PIN J1.23 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P2-60 (UUT J1-60)	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 P2-23 (UUT J1-23)	TO W1 D17-67
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

FROM ID P10-77 (S503-3)

FROM ID P10-77 (S503-3)

FROM ID A1J6.13

FROM ID P20-3 (DMM-LO)

FROM ID A1J15.50

FROM ID A1J15.50

FROM ID A1P7.38

FROM ID P10-229 (S301-24)

FROM ID A1J7.36

FROM ID A1J7.36

TO GROUND

STEP 160

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.60 AND J1.61. THE OUTPUT MEASURED AT PIN J1.23 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-61 (UUT J1-61) FROM ID J1B-7A FROM ID A1P12.7	TO W1 P1B-7A TO ID A1J12.7 TO ID P12-82 (S201-29)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-60 (UUT J1-60) FROM ID J1A-1D FROM ID A1P14.7	TO W1 P1A-1D TO ID A1J14.7 TO ID P13-79 (S201-20)
FROM ID P12-52 (S201-4) FROM ID A1J12.44 FROM ID A1P10.4 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.44 TO ID A1J10.4 TO ID P11-71 (S507-2) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-23 (UUT J1-23) FROM ID J1A-6A FROM ID A1P15.10	TO ID A1J15.10 TO ID P13-43 (S701-32)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1)

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FROM ID P10-77 (S503-3) TO ID A1P6.13
FROM ID A1J6.13 TO ID BUS 1

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

STEP 161

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.60. THE OUTPUT MEASURED AT PIN J1.23 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P2-60 (UUT J1-60) FROM ID J1A-1D FROM ID A1P14.7	TO W1 P1A-1D TO ID A1J14.7 TO ID P13-79 (S201-20)
FROM ID P12-52 (S201-4)	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 J1-23)	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

Date: 04 March 2016

STEP 162

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.60 AND J1.27. THE OUTPUT MEASURED AT PIN J1.23 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

FROM W1 P2-27 (UUT J1-27) FROM ID J1B-14C FROM ID A1P13.5	TO W1 P1B-14C TO ID A1J13.5 TO ID P12-14 (S201-13)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-60 (UUT J1-60) FROM ID J1A-1D FROM ID A1P14.7	TO W1 P1A-1D TO ID A1J14.7 TO ID P13-79 (S201-20)
FROM ID P12-52 (S201-4) FROM ID A1J12.44 FROM ID A1P10.4 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.44 TO ID A1J10.4 TO ID P11-71 (S507-2) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-23 (UUT J1-23) FROM ID J1A-6A FROM ID A1P15.10	TO W1 P1A-6A TO ID A1J15.10 TO ID P13-43 (S701-32)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

Date: 04 March 2016

STEP 163

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT PIN J1.23 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"
SEE "APPLY IC"

FROM	W1	P2-23 (UUT J1-23)	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	

11011		11100.10	-0		202 1
FROM	TD	P20-3 (DMM-LO)	ТΟ	TD	A1P15.50
_		A1J15.50			A1J7.38
		A1P7.38			P10-130 (S301-23)
_		P10-229 (S301-24)			A1P7.36
F'ROM	TD	A1J7.36	J.O	GRO	DUND

STEP 164

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.60. THE OUTPUT MEASURED AT PIN J1.23 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P2-60 (UUT J1-60) FROM ID J1A-1D FROM ID A1P14.7	TO W1 P1A-1D TO ID A1J14.7 TO ID P13-79 (S201-20)
FROM ID P12-52 (S201-4)	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 P2-23 (UUT J1-23) FROM ID J1A-6A FROM ID A1P15.10	TO W1 P1A-6A TO ID A1J15.10 TO ID P13-43 (S701-32)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 165

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.60 AND J1.28. THE OUTPUT MEASURED AT PIN J1.23 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-28 (UUT J1-28) FROM ID J1B-9A FROM ID A1P12.1	TO W1 P1B-9A TO ID A1J12.1 TO ID P12-48 (S201-15)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-60 (UUT J1-60) FROM ID J1A-1D FROM ID A1P14.7	TO W1 P1A-1D TO ID A1J14.7 TO ID P13-79 (S201-20)
FROM ID P12-52 (S201-4) FROM ID A1J12.44 FROM ID A1P10.4 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.44 TO ID A1J10.4 TO ID P11-71 (S507-2) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-23 (UUT J1-23)	TO W1 P1A-6A

Date: 04 March 2016

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

STEP 166

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.60. THE OUTPUT MEASURED AT PIN J1.23 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM ID	P2-60 (UUT J1-60) J1A-1D A1P14.7	ТО	ID	P1A-1D A1J14.7 P13-79 (S201-20)
FROM ID FROM ID FROM ID	P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27	TO TO TO	ID ID ID	A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2
FROM ID	P2-23 (UUT J1-23) J1A-6A A1P15.10	ТО	ID	P1A-6A A1J15.10 P13-43 (S701-32)
FROM ID FROM ID FROM ID	P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23	TO TO TO	ID ID ID	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1
	P20-2 (DMM-HI) A1J15.49			A1P15.49 A1J8.28

Date: 04 March 2016

FROM ID A1P8.28
FROM ID P10-77 (S503-3)
FROM ID A1J6.13
FROM ID A1J6.13
TO ID A1P6.13
TO ID BUS 1

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

STEP 167

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.60 AND J1.62. THE OUTPUT MEASURED AT PIN J1.23 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-62 (UUT J1-62) FROM ID J1B-7C FROM ID A1P12.9	TO W1 P1B-7C TO ID A1J12.9 TO ID P12-19 (S201-31)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-60 (UUT J1-60) FROM ID J1A-1D FROM ID A1P14.7	TO W1 P1A-1D TO ID A1J14.7 TO ID P13-79 (S201-20)
FROM ID P12-52 (S201-4) FROM ID A1J12.44 FROM ID A1P10.4 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.44 TO ID A1J10.4 TO ID P11-71 (S507-2) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-23 (UUT J1-23) FROM ID J1A-6A FROM ID A1P15.10	TO ID A1J15.10 TO ID P13-43 (S701-32)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1)

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FROM ID P10-77 (S503-3) TO ID A1P6.13
FROM ID A1J6.13 TO ID BUS 1

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

STEP 168

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT PIN J1.57 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS: SEE "UUT POWER"

SEE "APPLY IC"

FROM W1 P2-57 (UUT J1-57)
FROM ID J1A-7B
FROM ID J1A-7B
TO ID A1J15.14
FROM ID A1P15.14

FROM ID P12-44 (S701-2)
FROM ID A1J12.48
FROM ID A1P10.1
FROM ID P11-164 (S506-3)
FROM ID A1J9.23
FROM ID A1J9.23
FROM ID A1J15.49
FROM ID A1J15.49
FROM ID A1J15.49
FROM ID A1P8.28
FROM ID A1P8.28
FROM ID P10-77 (S503-3)
FROM ID P10-77 (S503-3)
FROM ID P10-77 (S503-3)
FROM ID A1J15.50
FROM ID A1J15.50
FROM ID A1J15.50
FROM ID A1J7.38
FROM ID A1P7.38
FROM ID P10-229 (S301-24)
FROM ID A1J7.36

STEP 169

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.60. THE OUTPUT MEASURED AT PIN J1.57 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS: SEE "UUT POWER"

FROM W1 P2-60 (UUT J1-60) TO W1 P1A-1D

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FROM I	D J1A-1D	ТО	ID	A1J14.7
FROM I	D A1P14.7	ТО	ID	P13-79 (S201-20)
FROM I	D P12-52 (S201-4)	TO	ID	A1P12.44
	D A1J12.44	TO	ID	A1J10.4
	D A1P10.4		ID	P11-71 (S507-2)
	D P11-72 (S507-4)	TO	ID	A1P9.27
FROM I	D A1J9.27	TO	ID	BUS 2
EDOM 14	1 DO E7 (IIII T1 E7)	шо	T.7 1	D1 7 7D
	1 P2-57 (UUT J1-57)			P1A-7B
	D J1A-7B	_		A1J15.14
FROM I	D A1P15.14	1.0	ΤD	P13-12 (S701-40)
FROM I	D P12-44 (S701-2)	ТО	ID	A1P12.48
	D A1J12.48		ID	A1J10.1
FROM I	D A1P10.1	ТО	ID	P11-162 (S506-2)
FROM I	D P11-164 (S506-3)	ТО	ID	A1P9.23
	D A1J9.23		ID	BUS 1
	D P20-2 (DMM-HI)			A1P15.49
	D A1J15.49	_		A1J8.28
	D A1P8.28			P10-203 (S503-1)
	D P10-77 (S503-3)	TO	ID	A1P6.13
FROM I	D A1J6.13	ТО	ID	BUS 1
FP∩M T	D P20-3 (DMM-LO)	ТΟ	TD	A1P15.50
	D A1J15.50			A1J7.38
	D A1013.30 D A1P7.38	_		P10-130 (S301-23)
_	D P10-229 (S301-24)			A1P7.36
	D A1J7.36			OUND
I. I.OM T	עדט וייזט ת	TO	GILL	עווטע

STEP 170

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.60 AND J1.28. THE OUTPUT MEASURED AT PIN J1.57 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

FROM W1 FROM ID FROM ID		ТО	ID	P1B-9A A1J12.1 P12-48 (S201-15)
FROM ID FROM ID FROM ID	P12-20 (S201-3) A1J12.46 A1P10.2 P11-72 (S507-4) A1J9.27	TO TO	ID ID ID	A1P12.46 A1J10.2 P11-39 (S507-1) A1P9.27 BUS 2
FROM W1 FROM ID	P2-60 (UUT J1-60) J1A-1D			P1A-1D A1J14.7

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FROM ID	A1P14.7	TO I	ID :	P13-79 (S201-20)
FROM ID FROM ID FROM ID	P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27	TO :	ID I	A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2
FROM ID	P2-57 (UUT J1-57) J1A-7B A1P15.14	TO I	ID .	P1A-7B A1J15.14 P13-12 (S701-40)
FROM ID FROM ID FROM ID	P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23	TO I	ID I	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1
FROM ID FROM ID FROM ID	P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13	TO I	ID I	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
FROM ID FROM ID FROM ID	P20-3 (DMM-LO) A1J15.50 A1P7.38 P10-229 (S301-24) A1J7.36	TO I	ID I	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36 UND

STEP 171

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.60. THE OUTPUT MEASURED AT PIN J1.57 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-60 (UUT J1-60)	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) FROM ID A1J12.44 FROM ID A1P10.4 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.44 TO ID A1J10.4 TO ID P11-71 (S507-2) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-57 (UUT J1-57)	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) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 172

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.60 AND J1.62. THE OUTPUT MEASURED AT PIN J1.57 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P2-62 (UUT J1-62) FROM ID J1B-7C	TO W1 P1B-7C TO ID A1J12.9
FROM ID A1P12.9	TO ID P12-19 (S201-31)
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 P2-60 (UUT J1-60)	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)	
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 J1-57)	
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

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FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S5 FROM ID A1J9.23	TO TO TO	ID ID	A1J10.1 P11-162 A1P9.23 BUS 1	(S506-2)
FROM ID P20-2 (DMM-	HI) TO	ID	A1P15.49	
FROM ID A1J15.49	TO	ID	A1J8.28	
FROM ID A1P8.28	TO	ID	P10-203	(S503-1)
FROM ID P10-77 (S50	3-3) TO	ID	A1P6.13	
FROM ID A1J6.13	TO	ID	BUS 1	
FROM ID P20-3 (DMM-	Ι.Ο.) ΤΟ	TD	A1P15.50	
FROM ID A1J15.50	•		A1J7.38	
FROM ID A1P7.38				(S301-23)
FROM ID P10-229 (S3			A1P7.36	(6501 25)
FROM ID A1J7.36	•	GRO		
		2100	U	

STEP 173

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.60, J1.62 AND J1.61. THE OUTPUT MEASURED AT PIN J1.57 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-61 (UUT J1-61) FROM ID J1B-7A FROM ID A1P12.7	TO W1 P1B-7A TO ID A1J12.7 TO ID P12-82 (S201-29)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-62 (UUT J1-62) FROM ID J1B-7C FROM ID A1P12.9	TO W1 P1B-7C TO ID A1J12.9 TO ID P12-19 (S201-31)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-60 (UUT J1-60) FROM ID J1A-1D FROM ID A1P14.7 FROM ID P12-52 (S201-4)	TO W1 P1A-1D TO ID A1J14.7 TO ID P13-79 (S201-20) TO ID A1P12.44
FROM ID A1J12.44	TO ID A1J10.4

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FROM ID A1P10.4 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID P11-71 (S507-2) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-57 (UUT J1-57) FROM ID J1A-7B FROM ID A1P15.14	TO W1 P1A-7B TO ID A1J15.14 TO ID P13-12 (S701-40)
FROM ID P12-44 (S701-2)	TO ID A1P12.48
FROM ID A1J12.48	TO ID A1J10.1
FROM ID A1P10.1	TO ID P11-162 (S506-2)
FROM ID P11-164 (S506-3)	TO ID A1P9.23
FROM ID A1J9.23	TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 174

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT PIN J1.1 SHOULD BE LESS THAN .5VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER" SEE "APPLY IC"

FROM W1 P2-67 (UUT J1-67)	TO W1 P1A-6F
FROM ID J1A-6F	TO ID A1J14.20
FROM ID A1P14.20	TO ID P13-24 (S202-20)
FROM W1 P2-1 (UUT J1-1)	TO W1 P1B-13D
FROM ID J1B-13D	TO ID A1J13.8
FROM ID A1P13.8	TO ID P12-68 (S701-4)
FROM ID P12-44 (S701-2)	TO 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

FROM ID P10-77 (S503-3)

FROM ID A1J6.13

FROM ID A1J6.13

TO ID A1P6.13

TO ID BUS 1

FROM ID P20-3 (DMM-LO)

FROM ID A1J15.50

FROM ID A1J7.38

FROM ID A1P7.38

FROM ID P10-229 (S301-24)

FROM ID A1J7.36

FROM ID A1J7.36

FROM ID A1J7.36

STEP 175

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.4. THE OUTPUT MEASURED AT PIN J1.1 SHOULD BE GREATER THAN 13VDC WITH RESPECT TO GROUND.

FROM W1 P2-4 (UUT J1-4) FROM ID J1B-13A FROM ID A1P13.2	TO W1 P1B-13A TO ID A1J13.2 TO ID P12-47 (S201-6)
FROM ID P12-52 (S201-4) FROM ID A1J12.44 FROM ID A1P10.4 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.44 TO ID A1J10.4 TO ID P11-71 (S507-2) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-1 (UUT J1-1) FROM ID J1B-13D FROM ID A1P13.8	TO W1 P1B-13D TO ID A1J13.8 TO ID P12-68 (S701-4)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

Date: 04 March 2016

STEP 176

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT PIN J1.1 SHOULD BE LESS THAN .5VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

FROM	W1	P2-1 (UUT J1-1)	ТО	W1	P1B-13D
FROM	ID	J1B-13D	TO	ID	A1J13.8
FROM	ID	A1P13.8	ТО	ID	P12-68 (S701-4)
FROM	ID	P12-44 (S701-2)	TO	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	GRO	DUND

STEP 177

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.5. SHORT J1.40 TO GROUND. THE OUTPUT MEASURED AT PIN J1.1 SHOULD BE GREATER THAN 13VDC WITH RESPECT TO GROUND.

FROM W1 P2-5 (UUT J1-5)	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

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FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P2-1 (UUT J1-1) FROM ID J1B-13D FROM ID A1P13.8	TO W1 P1B-13D TO ID A1J13.8 TO ID P12-68 (S701-4)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 178

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.5 AND J1.38. MOMENTARILY LIFT J1.16 FROM GROUND, CONNECT TO J1.10 AND RECONNECT TO GROUND. THE OUTPUT MEASURED AT PIN J1.7 SHOULD BE GREATER THAN 13VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"
SEE "APPLY IC"

FROM ID	P2-42 (UUT J1-42) J1A-9E A1P14.25	ТО	ID	P1A-9E A1J14.25 P13-31 (S202-44)
FROM ID FROM ID	P13-29 (S202-4) A1J14.50 A1P10.50 P11-147 (S510-4)	TO TO	ID ID	A1P14.50 A1J10.50 P11-244 (S510-2) A1P9.31

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FROM	ID A1J9.31	TO ID BUS 2
EDOM	W1 D2 7 (IIIIII T1 7)	TO W1 D17 OF
	W1 P2-7 (UUT J1-7)	
	ID J1A-8F	TO ID A1J14.24
FROM	ID A1P14.24	TO ID P13-62 (S202-42)
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 P11-207 (S509-7)	TO ID A1P9.36
FROM	ID A1J9.36	TO ID BUS 5
FROM	ID BUS 5	TO ID A1J8.47
	ID A1P8.47	TO ID P10-73 (S301-48)
		TO ID A1P7.23
	ID A1J7.23	TO ID A1J4.15
	ID A107.23	TO ID R111.1
_	ID R111.2	TO ID A1P4.9
FROM	ID A1J4.9	TO +28V
FROM	W1 P2-5 (UUT J1-5)	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
	ID A1J12.46	TO ID AlJ10.2
_	ID A1P10.2	TO ID P11-39 (S507-1)
		TO ID A1P9.27
	ID A1J9.27	TO ID BUS 2
11011	15 11103.27	10 10 500 2
	W1 P2-38 (UUT J1-38)	TO W1 P1B-8B
	ID J1B-8B	TO ID A1J12.5
FROM	ID A1P12.5	TO ID P12-17 (S201-23)
FROM	W1 P2-16 (UUT J1-16)	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)
FR∩M	ID P12-90 (S202-2)	TO ID A1P12.36
	ID A1J12.36	TO ID A1J10.12
	ID A1P10.12	TO ID P11-242 (S509-2)
	ID P11-18 (S509-3)	TO ID A1P9.19
	ID A1J9.19	TO ID BUS 1
FROM	ID A109.19	10 10 803 1
	ID P20-2 (DMM-HI)	TO ID A1P15.49
	ID A1J15.49	TO ID A1J8.28
	ID A1P8.28	TO ID P10-203 (S503-1)
	ID P10-77 (S503-3)	TO ID A1P6.13
FROM	ID A1J6.13	TO ID BUS 1
FROM	ID P20-3 (DMM-LO)	TO ID AlP15.50
	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 179

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.5, J1.38 AND J1.17. THE OUTPUT MEASURED AT PIN J1.7 SHOULD BE LESS THAN .5VDC WITH RESPECT TO GROUND.

SEE "UUI POWER"	
FROM W1 P2-17 (UUT J1-17) FROM ID J1A-2B	TO W1 P1A-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) FROM ID A1J9.27	TO ID A1P9.27 TO ID BUS 2
FROM ID ALU9.27	TO ID BUS 2
FROM W1 P2-42 (UUT J1-42)	TO W1 P1A-9E
FROM ID J1A-9E	TO ID A1J14.25
FROM ID A1P14.25	TO ID P13-31 (S202-44)
FROM ID P13-29 (S202-4)	TO ID A1P14.50
TROM ID AIGIT:50	10 1D A1010.30
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 P2-7 (UUT J1-7)	TO W1 P1A-8F
FROM ID J1A-8F	TO ID A1J14.24
FROM ID A1P14.24	TO ID P13-62 (S202-42)
	·
FROM ID P12-90 (S202-2)	TO ID A1P12.36
FROM ID AlJ12.36	TO ID A1J10.12
FROM ID A1P10.12	TO ID P11-242 (S509-2)
FROM ID P11-207 (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

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FROM W1 P2-5 (UUT J1-5) FROM ID J1B-14A FROM ID A1P13.1	TO W1 P1B-14A TO ID A1J13.1 TO ID P12-79 (S201-5)
FROM ID P12-20 (S201-3)	
FROM ID A1J12.46	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 J1-38)	TO W1 P1B-8B
FROM ID J1B-8B	TO ID A1J12.5
FROM ID A1P12.5	TO ID P12-17 (S201-23)
FROM ID P12-90 (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

2.6 MODULE 2: DISCRETE OUTPUTS CONTINUED

Refer to 1.4 Reference Drawings when diagnosing connection paths.

STEP 201

DESCRIPTION:

CONNECTION PATH IS AS FOLLOWS:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.38. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

```
SEE "UUT POWER"

SEE "APPLY IC"

FROM W1 P2-38 (UUT J1-38)

FROM ID J1B-8B

FROM ID A1P12.5

TO ID P12-17 (S201-23)
```

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FROM ID A1J FROM ID A1P	10.2 -72 (S507-4)	TO TO	ID ID ID	A1P12.46 A1J10.2 P11-39 (A1P9.27 BUS 2	
FROM W1 P3- FROM ID J1B FROM ID A1P		TO	ID	P1B-9F A1J13.24 P12-43 (
FROM ID P12	-44 (S701-2)	TO	ID	A1P12.48	
FROM ID A1J	12.48	TO	ID	A1J10.1	
FROM ID A1P	10.1	TO	ID	P11-162	(S506-2)
FROM ID P11	-164 (S506-3)	TO	ID	A1P9.23	
FROM ID A1J	9.23	TO	ID	BUS 1	
FROM ID A1J FROM ID A1P	8.28 -77 (S503-3)	TO TO TO	ID ID ID	A1J8.28	(S503-1)
FROM ID A1J FROM ID A1P	7.38 -229 (S301-24)	TO TO TO	ID ID ID	A1P15.50 A1J7.38 P10-130 A1P7.36 DUND	(S301-23)

STEP 202

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.38. SHORT J1.39 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E	TO W1 P1A-1E TO ID A1J14.9
FROM ID A1P14.9	TO ID P13-17 (S201-26)
FROM ID 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 J1-38)	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) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P3-19 (UUT J3-19) FROM ID J1B-9F FROM ID A1P13.24	TO W1 P1B-9F TO ID A1J13.24 TO ID P12-43 (S701-44)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1J10.1 TO ID P11-162 (S506-2)
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 203

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.38. SHORT J1.39 AND J3.22 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P3-22 (UUT J3-22) FROM ID J1A-3E FROM ID A1P14.13	TO W1 P1A-3E TO ID A1J14.13 TO ID P13-19 (S201-34)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)

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FROM I FROM I FROM I	D P12-80 (S201-2) D A1J12.40 D A1P10.8 D P11-205 (S508-10) D A1J9.2	TO ID A1J10.8 TO ID P11-139 (S508-2)
FROM I	71 P2-38 (UUT J1-38) TD J1B-8B TD A1P12.5	TO W1 P1B-8B TO ID A1J12.5 TO ID P12-17 (S201-23)
FROM I FROM I FROM I	ED P12-20 (S201-3) ED A1J12.46 ED A1P10.2 ED P11-72 (S507-4) ED A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM I	71 P3-19 (UUT J3-19) TD J1B-9F TD A1P13.24	TO W1 P1B-9F TO ID A1J13.24 TO ID P12-43 (S701-44)
FROM I FROM I FROM I	D P12-44 (S701-2) D A1J12.48 D A1P10.1 D P11-164 (S506-3) D A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM I FROM I FROM I	D P20-2 (DMM-HI) D A1J15.49 D A1P8.28 D P10-77 (S503-3) D A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM I FROM I FROM I	D P20-3 (DMM-LO) D A1J15.50 D A1P7.38 D P10-229 (S301-24) D A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 204

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.38. SHORT J1.39, J3.22 AND J1.40 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM	W1	P2-40 (UUT J1-40)	TO	W1	P1A-1F
FROM	ID	J1A-1F	TO	ID	A1J14.11
FROM	ID	A1P14.11	TO	ID	P13-51 (S201-28)

Date: 04 March 2016

FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P3-22 (UUT J3-22) FROM ID J1A-3E FROM ID A1P14.13	TO W1 P1A-3E TO ID A1J14.13 TO ID P13-19 (S201-34)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1J10.8 TO ID P11-139 (S508-2)
FROM W1 P2-38 (UUT J1-38) FROM ID J1B-8B FROM ID A1P12.5	TO W1 P1B-8B TO ID A1J12.5 TO ID P12-17 (S201-23)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P3-19 (UUT J3-19) FROM ID J1B-9F FROM ID A1P13.24	TO W1 P1B-9F TO ID A1J13.24 TO ID P12-43 (S701-44)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50	TO ID A1P15.50 TO ID A1J7.38

Date: 04 March 2016

FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36 TO GROUND

STEP 205

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.38. SHORT J3.22 AND J1.40 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-40 (UUT J1-40)	TO W1 P1A-1F
FROM ID J1A-1F	TO ID A1J14.11
FROM ID Alp14.11	TO ID P13-51 (S201-28)
FROM ID P12-80 (S201-2)	TO ID A1P12.40
FROM ID A1J12.40	TO ID A1J10.8
FROM ID A1P10.8	TO ID P11-139 (S508-2)
FROM ID P11-205 (S508-10)	
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 ID P12-80 (S201-2)	TO ID A1P12.40
FROM ID A1J12.40	TO ID A1J10.8
FROM ID A1P10.8	TO ID P11-139 (S508-2)
FROM ID P11-205 (S508-10)	
FROM ID A1J9.2	TO ID BUS 8
FROM W1 P2-38 (UUT J1-38)	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)	
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 206

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.38. SHORT J1.39, J3.22 AND J1.40 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P3-22 (UUT J3-22) FROM ID J1A-3E FROM ID A1P14.13	TO W1 P1A-3E TO ID A1J14.13 TO ID P13-19 (S201-34)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P2-38 (UUT J1-38) FROM ID J1B-8B FROM ID A1P12.5	TO W1 P1B-8B TO ID A1J12.5 TO ID P12-17 (S201-23)

Date: 04 March 2016

FROM ID A1J FROM ID A1P	10.2 -72 (S507-4)	TO TO	ID ID ID	A1P12.46 A1J10.2 P11-39 (A1P9.27 BUS 2	
FROM W1 P3- FROM ID J1B FROM ID A1P		TO	ID	P1B-9F A1J13.24 P12-43 (
FROM ID P12	-44 (S701-2)	TO	ID	A1P12.48	
FROM ID A1J	12.48	TO	ID	A1J10.1	
FROM ID A1P	10.1	TO	ID	P11-162	(S506-2)
FROM ID P11	-164 (S506-3)	TO	ID	A1P9.23	
FROM ID A1J	9.23	TO	ID	BUS 1	
FROM ID A1J FROM ID A1P	8.28 -77 (S503-3)	TO TO TO	ID ID ID	A1J8.28	(S503-1)
FROM ID A1J FROM ID A1P	7.38 -229 (S301-24)	TO TO TO	ID ID ID	A1P15.50 A1J7.38 P10-130 A1P7.36 DUND	(S301-23)

STEP 207

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.38. SHORT J1.39 AND J1.40 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8

Date: 04 March 2016

FROM W1 P2-38 (UUT J1-38) FROM ID J1B-8B FROM ID A1P12.5	TO W1 P1B-8B TO ID A1J12.5 TO ID P12-17 (S201-23)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P3-19 (UUT J3-19) FROM ID J1B-9F FROM ID A1P13.24	TO W1 P1B-9F TO ID A1J13.24 TO ID P12-43 (S701-44)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 208

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.38. SHORT J1.39 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P2-39 (UUT J1-39)	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

Date: 04 March 2016

FROM W1	P2-38 (UUT J1-38)	ТО	W1	P1B-8B
FROM ID	J1B-8B	ТО	ID	A1J12.5
FROM ID	A1P12.5	ТО	ID	P12-17 (S201-23)
FROM ID	P12-20 (S201-3)	ТО	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	GRO	DUND

STEP 209

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.38. SHORT J1.39 AND J3.22 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P3-22 (UUT J3-22) FROM ID J1A-3E FROM ID A1P14.13	TO W1 P1A-3E TO ID A1J14.13 TO ID P13-19 (S201-34)
FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2) FROM ID A1J12.40	TO ID A1P12.40 TO ID A1J10.8

Date: 04 March 2016

FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P2-38 (UUT J1-38) FROM ID J1B-8B FROM ID A1P12.5	TO W1 P1B-8B TO ID A1J12.5 TO ID P12-17 (S201-23)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P3-19 (UUT J3-19) FROM ID J1B-9F FROM ID A1P13.24	TO W1 P1B-9F TO ID A1J13.24 TO ID P12-43 (S701-44)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1J8.28 TO ID P10-203 (S503-1)
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 210

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.38. SHORT J1.39, J3.22 AND J1.40 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1	P2-40 (UUT J1-40)	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

Date: 04 March 2016

FROM ID A1P14.13	TO ID P13-19 (S201-34)
FROM W1 P2-39 (UUT J1-39)	
FROM ID J1A-1E	TO ID A1J14.9
FROM ID A1P14.9	TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2)	TO ID A1P12.40
FROM ID A1J12.40	TO ID A1J10.8
FROM ID A1P10.8	TO ID P11-139 (S508-2)
FROM ID P11-205 (S508-10)	
FROM ID A1J9.2	TO ID BUS 8
FROM W1 P2-38 (UUT J1-38)	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 31B-9F FROM ID A1P13.24	TO ID A1013.24 TO ID P12-43 (S701-44)
FROM ID AIPI3.24	10 1D P12-43 (5/01-44)
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 ID A1P7.36 TO GROUND

STEP 211

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

Date: 04 March 2016

SEE "UUT POWER" SEE "APPLY IC"

FROM W1 P2-39 (UUT J1-39) TO W1 P1A-1E FROM ID J1A-1E TO ID A1J14.9

FROM ID P12-80 (S201-2)

FROM ID A1J12.40

FROM ID A1J10.8

FROM ID A1P10.8

FROM ID P11-205 (S508-10)

TO ID A1P12.40

TO ID P11-139 (S508-2)

TO ID A1P9.2

FROM ID A1J9.2

FROM W1 P3-19 (UUT J3-19) TO W1 P1B-9F

FROM ID J1B-9F

FROM ID A1P13.24

FROM ID P12-44 (S701-2) TO ID A1P12.48

FROM ID A1J12.48 TO ID A1J10.1

FROM ID A1P10.1 TO ID P11-162 (S506-2)

FROM ID P11-164 (S506-3) TO ID A1P9.23

TO ID BUS 1

FROM ID P20-2 (DMM-HI)

FROM ID A1J15.49

FROM ID A1J8.28

FROM ID A1P8.28

FROM ID P10-77 (S503-3)

FROM ID A1J6.13

TO ID A1P6.13

TO ID BUS 1

FROM ID A1J7.36

FROM ID J1A-1E TO ID A1J14.9 FROM ID A1P14.9 TO ID P13-17 (S201-26)

TO ID BUS 8

TO ID A1J13.24

TO ID P12-43 (S701-44)

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

TO GROUND

STEP 212

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 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

FROM W1 P2-39 (UUT J1-39) TO W1 P1A-1E

FROM ID J1A-1E FROM ID A1P14.9 FROM ID A1P14.9

TO ID P13-19 (S201-34)

TO ID A1J14.9

TO ID P13-17 (S201-26)

Date: 04 March 2016

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

STEP 213

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39, J3.22 AND J1.40 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM W1 P3-22 (UUT J3-22) FROM ID J1A-3E FROM ID A1P14.13	TO W1 P1A-3E TO ID A1J14.13 TO ID P13-19 (S201-34)
FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2) FROM ID A1J12.40	TO ID A1P12.40 TO ID A1J10.8

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

STEP 214

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J3.22 AND J1.40 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM W1 P3-22 (UUT J3-22) FROM ID J1A-3E FROM ID A1P14.13	TO W1 P1A-3E TO ID A1J14.13 TO ID P13-19 (S201-34)
FROM 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) FROM ID J1B-9F	TO W1 P1B-9F TO ID A1J13.24

Date: 04 March 2016

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

STEP 215

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39, J3.22 AND J1.40 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE GREATER THAN 13.0VDC

FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM W1 P3-22 (UUT J3-22) FROM ID J1A-3E FROM ID A1P14.13	TO W1 P1A-3E TO ID A1J14.13 TO ID P13-19 (S201-34)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P3-19 (UUT J3-19) FROM ID J1B-9F FROM ID A1P13.24	TO W1 P1B-9F TO ID A1J13.24 TO ID P12-43 (S701-44)

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

STEP 216

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 AND J3.22 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E	TO W1 P1A-1E TO ID A1J14.9
FROM ID A1P14.9	TO ID P13-17 (S201-26)
FROM W1 P3-22 (UUT J3-22)	TO W1 P1A-3E
FROM ID 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

Date: 04 March 2016

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

FROM ID P20-3 (DMM-LO) TO ID A1P15.50
FROM ID A1J15.50 TO ID A1J7.38
FROM ID A1P7.38 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 PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1J10.8 TO ID P11-139 (S508-2)
FROM W1 P3-19 (UUT J3-19) FROM ID J1B-9F FROM ID A1P13.24	TO W1 P1B-9F TO ID A1J13.24 TO ID P12-43 (S701-44)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1J10.1 TO ID P11-162 (S506-2)
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24)	TO ID P10-130 (S301-23)

Date: 04 March 2016

FROM ID A1J7.36

TO GROUND

STEP 218

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 AND J1.40 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-40 (UUT J1-40)	TO W1 P1A-1F
FROM ID J1A-1F	TO ID A1J14.11
FROM ID A1P14.11	TO ID P13-51 (S201-28)
PROPERTY ALFEET.II	10 10 113 31 (3201 20)
FROM W1 P2-39 (UUT J1-39)	
FROM ID J1A-1E	TO ID A1J14.9
FROM ID A1P14.9	TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2)	TO ID A1P12.40
FROM ID A1J12.40	TO ID A1J10.8
FROM ID A1P10.8	TO ID P11-139 (S508-2)
FROM ID P11-205 (S508-10)	
FROM ID A1J9.2	TO ID BUS 8
FROM W1 P3-19 (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 AlJ15.50	TO ID A1J7.38
FROM ID A1P7.38	TO ID P10-130 (S301-23)
FROM ID P10-229 (S301-24)	
FROM ID A1J7.36	TO GROUND

Date: 04 March 2016

STEP 219

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39, J1.40 AND J3.22 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

	P3-22 (UUT J3-22)			P1A-3E
FROM ID				A1J14.13
FROM ID	A1P14.13	ТО	ID	P13-19 (S201-34)
ББОМ М1	P2-40 (UUT J1-40)	т∩	TAT 1	P1A-1F
	J1A-1F			A1J14.11
	A1P14.11			P13-51 (S201-28)
111011 12		- 0		110 01 (0101 10)
FROM W1	P2-39 (UUT J1-39)	ТО	W1	P1A-1E
FROM ID	J1A-1E			A1J14.9
FROM ID	A1P14.9	TO	ID	P13-17 (S201-26)
EDOM ID	P12-80 (S201-2)	ТΩ	TD	A1P12.40
	A1J12.40			A1J10.8
	A1012.40 A1P10.8			P11-139 (S508-2)
	P11-205 (S508-10)	TO		A1P9.2
FROM ID	Δ1.Τ9 2			BUS 8
TROM ID	11100.2	10	10	205 0
FROM W1	P3-19 (UUT J3-19)	ТО	W1	P1B-9F
FROM ID	J1B-9F	TO	ID	A1J13.24
FROM ID	A1P13.24	ТО	ID	P12-43 (S701-44)
EDOM ID	P12-44 (S701-2)	ТΟ	TD	A1P12.48
	A1J12.48			A1J10.1
	A1P10.1			P11-162 (S506-2)
	P11-164 (S506-3)			A1P9.23
	A1J9.23			BUS 1
FROM ID	P20-2 (DMM-HI)			A1P15.49
FROM ID	A1J15.49			A1J8.28
FROM ID	A1P8.28	TO	ID	P10-203 (S503-1)
	P10-77 (S503-3)			A1P6.13
FROM ID	A1J6.13	TO	ID	BUS 1
EBUM ID	P20-3 (DMM-LO)	т∩	TD	A1P15.50
	A1J15.50			A1J7.38
	A1013.30 A1P7.38			P10-130 (S301-23)
	P10-229 (S301-24)			A1P7.36
	A1J7.36			OUND
11011 10		- 0	J100	

Date: 04 March 2016

STEP 220

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 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"

		P3-19 (UUT J3-19)			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	ТО	ID	BUS 1
FROM	ID	P20-3 (DMM-LO)	ТО	ID	A1P15.50
FROM	ID	A1J15.50	ТО	ID	A1J7.38
FROM	ID	A1P7.38	ТО	ID	P10-130 (S301-23)
FROM	ID	P10-229 (S301-24)	ТО	ID	A1P7.36
		A1J7.36	то	GRO	DUND

STEP 221

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67, J3.6 AND J3.16 WITH RESPECT TO J1.11. 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"

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

STEP 222

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM	W1	P2-39 (UUT J1-39)	ТО	W1	P1A-1E
FROM	ID	J1A-1E	ТО	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	P3-16 (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
	TD	A1J9.27	ТΟ	TD	BUS 2
FROM	$\perp D$	A10 9 . 2 /	10	TD	BUS 2

Date: 04 March 2016

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

STEP 223

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39 AND J1.40 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P3-16 (UUT J3-16) FROM ID J1B-6C FROM ID A1P12.12	TO W1 P1B-6C TO ID A1J12.12 TO ID P12-53 (S201-39)
FROM ID P12-20 (S201-3) FROM ID A1J12.46	TO ID A1P12.46 TO ID A1J10.2

Date: 04 March 2016

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

STEP 224

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.39, J1.40 AND J3.22 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE GREATER THAN 13.0VDC WITH RESPECT TO GROUND.

FROM W1 P3-22 (UUT J3-22)	TO W1 P1A-3E
FROM ID J1A-3E	TO ID A1J14.13
FROM ID A1P14.13	TO ID P13-19 (S201-34)
FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM W1 P2-39 (UUT J1-39)	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) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10)	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2

Date: 04 March 2016

FROM ID	A1J9.2	ТО	ID	BUS 8
FROM ID	P3-16 (UUT J3-16) J1B-6C A1P12.12	TO	ID	P1B-6C A1J12.12 P12-53 (S201-39)
FROM ID FROM ID FROM ID	P12-20 (S201-3) A1J12.46 A1P10.2 P11-72 (S507-4) A1J9.27	TO TO	ID ID ID	A1P12.46 A1J10.2 P11-39 (S507-1) A1P9.27 BUS 2
FROM ID	P3-19 (UUT J3-19) J1B-9F A1P13.24	TO	ID	P1B-9F A1J13.24 P12-43 (S701-44)
FROM ID FROM ID FROM ID	P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23	TO TO TO	ID ID ID	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1
FROM ID FROM ID FROM ID	P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13	TO TO	ID ID ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
FROM ID FROM ID FROM ID	P20-3 (DMM-LO) A1J15.50 A1P7.38 P10-229 (S301-24) A1J7.36	TO TO TO	ID ID ID	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36 DUND

STEP 225

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J1.40 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 J1-40)	TO	W1	P1A-1F
FROM ID	J1A-1F	TO	ID	A1J14.11

FROM ID A1P14.11 TO ID P13-51 (S201-28)

Date: 04 March 2016

FROM I FROM I FROM I	ED P12-80 (S201-2) ED A1J12.40 ED A1P10.8 ED P11-205 (S508-10) ED A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM I	71 P3-16 (UUT J3-16) ED J1B-6C ED A1P12.12	TO W1 P1B-6C TO ID A1J12.12 TO ID P12-53 (S201-39)
FROM I FROM I FROM I	ED P12-20 (S201-3) ED A1J12.46 ED A1P10.2 ED P11-72 (S507-4) ED A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM I	71 P3-19 (UUT J3-19) ED J1B-9F ED A1P13.24	TO W1 P1B-9F TO ID A1J13.24 TO ID P12-43 (S701-44)
FROM I FROM I FROM I	ED P12-44 (S701-2) ED A1J12.48 ED A1P10.1 ED P11-164 (S506-3) ED A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM I FROM I FROM I	ED P20-2 (DMM-HI) ED A1J15.49 ED A1P8.28 ED P10-77 (S503-3) ED A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM I FROM I FROM I	D P20-3 (DMM-LO) D A1J15.50 D A1P7.38 D P10-229 (S301-24) D A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 226

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J3.22 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

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

Date: 04 March 2016

FROM I FROM I FROM I	ED P12-80 (S201-2) ED A1J12.40 ED A1P10.8 ED P11-205 (S508-10) ED A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM I	71 P3-16 (UUT J3-16) ED J1B-6C ED A1P12.12	TO W1 P1B-6C TO ID A1J12.12 TO ID P12-53 (S201-39)
FROM I FROM I FROM I	ED P12-20 (S201-3) ED A1J12.46 ED A1P10.2 ED P11-72 (S507-4) ED A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM I	71 P3-19 (UUT J3-19) ED J1B-9F ED A1P13.24	TO W1 P1B-9F TO ID A1J13.24 TO ID P12-43 (S701-44)
FROM I FROM I FROM I	ED P12-44 (S701-2) ED A1J12.48 ED A1P10.1 ED P11-164 (S506-3) ED A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM I FROM I FROM I	ED P20-2 (DMM-HI) ED A1J15.49 ED A1P8.28 ED P10-77 (S503-3) ED A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM I FROM I FROM I	D P20-3 (DMM-LO) D A1J15.50 D A1P7.38 D P10-229 (S301-24) D A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 227

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J3.22 AND J1.39 TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-39 (UUT J1-39)	TO W1 P1A-1E
FROM ID J1A-1E	TO ID A1J14.9
FROM ID A1P14.9	TO ID P13-17 (S201-26)

Date: 04 March 2016

FROM I	1 P3-22 (UUT J3-22) D J1A-3E D A1P14.13	TO ID	P1A-3E A1J14.13 P13-19 (S201-34)
FROM II FROM II	D P12-80 (S201-2) D A1J12.40 D A1P10.8 D P11-205 (S508-10) D A1J9.2	TO ID TO ID TO ID	A1P12.40 A1J10.8 P11-139 (S508-2) A1P9.2 BUS 8
FROM I	1 P3-16 (UUT J3-16) D J1B-6C D A1P12.12	TO ID	P1B-6C A1J12.12 P12-53 (S201-39)
FROM II FROM II	D P12-20 (S201-3) D A1J12.46 D A1P10.2 D P11-72 (S507-4) D A1J9.27	TO ID TO ID TO ID	A1P12.46 A1J10.2 P11-39 (S507-1) A1P9.27 BUS 2
FROM I	1 P3-19 (UUT J3-19) D J1B-9F D A1P13.24	TO ID	P1B-9F A1J13.24 P12-43 (S701-44)
FROM II FROM II	D P12-44 (S701-2) D A1J12.48 D A1P10.1 D P11-164 (S506-3) D A1J9.23	TO ID TO ID TO ID	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1
FROM II FROM II	D P20-2 (DMM-HI) D A1J15.49 D A1P8.28 D P10-77 (S503-3) D A1J6.13	TO ID TO ID TO ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
FROM II FROM II	D A1P7.38	TO ID	A1J7.38 P10-130 (S301-23) A1P7.36

STEP 228

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. SHORT J3.22 AND J1.39 TO GROUND. DISCONNECT J3.16 FROM 28.0VDC. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE LESS THAN 0.5VDC WITH RESPECT TO GROUND.

Date: 04 March 2016

FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM W1 P3-22 (UUT J3-22)	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)	
FROM ID A1J9.2	TO ID BUS 8
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)
	TO ID A1P12.48
	TO ID A1J10.1
FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	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)	
FROM ID A1J6.13	TO ID BUS 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID 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

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

Date: 04 March 2016

STEP 301

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT PIN J1.32 SHOULD BE GREATER THAN 17.6VDC RELATIVE TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER" SEE "APPLY IC"

FROM W1 P2-32 (UUT J1-32) FROM ID J1B-6B FROM ID A1P12.11	TO W1 P1B-6B TO ID A1J12.11 TO ID P12-22 (S201-37)
FROM ID P12-16 (S201-1) FROM ID A1J12.42 FROM ID A1P10.6 FROM ID P11-77 (S508-3) FROM ID A1J9.15	TO ID A1P12.42 TO ID A1J10.6 TO ID P11-203 (S508-1) TO ID A1P9.15 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 302

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT PIN J3.4 SHOULD BE GREATER THAN 17.6VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"
SEE "APPLY IC"

FROM W1 P3-4 (UUT J3-4) FROM ID J1A-3B FROM ID A1P15.2	TO W1 P1A-3B TO ID A1J15.2 TO ID P13-6 (S701-8)
FROM ID P12-44 (S701-2) FROM ID A1J12.48	TO ID A1P12.48 TO ID A1J10.1
FROM ID A1P10.1 FROM ID P11-164 (S506-3)	TO ID P11-162 (S506-2) TO ID A1P9.23

Date: 04 March 2016

FROM ID A	1179.23	ТО	ID	BUS 1
FROM ID P	20-2 (DMM-HI)	то	ID	A1P15.49
FROM ID A	A1J15.49	ТО	ID	A1J8.28
FROM ID A	1P8.28	ТО	ID	P10-203 (S503-1)
FROM ID P	P10-77 (S503-3)	ТО	ID	A1P6.13
FROM ID A	A1J6.13	ТО	ID	BUS 1
FROM ID P	20-3 (DMM-LO)	ΤО	TD	A1P15.50
FROM ID A	/			A1J7.38
FROM ID A	1P7.38	TO	ID	P10-130 (S301-23)
FROM ID P	P10-229 (S301-24)	ТО	ID	A1P7.36
FROM ID A	A1J7.36	ТО	GRO	DUND

STEP 303

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT PIN J3.4 SHOULD BE LESS THAN 0.2VDC RELATIVE TO GROUND.

CONNECTION PATH IS AS FOLLOWS: SEE "UUT POWER"

FROM W1 P3-4 (UUT J3-4) FROM ID J1A-3B FROM ID A1P15.2	TO W1 P1A-3B TO ID A1J15.2 TO ID P13-6 (S701-8)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 304

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.34. THE OUTPUT MEASURED AT PIN J3.4 SHOULD BE GREATER THAN 17.6VDC WITH RESPECT TO GROUND.

Date: 04 March 2016

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

FROM	W1	P2-34 (UUT J1-34)	ТО	W1	P1A-5F
FROM	ID	J1A-5F	TO	ID	A1J14.18
FROM	ID	A1P14.18	ТО	ID	P13-89 (S202-18)

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 A1J12.48

FROM ID A1P10.1

FROM ID A1P10.1

FROM ID P11-164 (S506-3)

TO ID A1J10.1

TO ID P11-162 (S506-2)

TO ID A1P9.23

TO ID BUS 1

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

FROM ID P20-3 (DMM-LO) TO ID A1P15.50
FROM ID A1J15.50 TO ID A1J7.38
FROM ID A1P7.38 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 PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.29. THE OUTPUT MEASURED AT J1.43 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 J1-29) 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)
FROM ID A1J12.46
FROM ID A1J10.2
FROM ID A1P10.2
FROM ID P11-72 (S507-4)
TO ID A1P12.46
TO ID P11-39 (S507-1)
TO ID A1P9.27 FROM ID A1J9.27 TO ID BUS 2

FROM W1 P2-43 (UUT J1-43) TO W1 P1B-9D FROM ID J1B-9D TO ID A1J13.17

Date: 04 March 2016

FROM ID A1P13.17	TO ID P12-41 (S701-38)
FROM ID P12-44 (S701-2) FROM ID A1J12.48	TO ID A1P12.48 TO ID A1J10.1
FROM ID A1P10.1	TO ID P11-162 (S506-2)
FROM ID P11-164 (S506-3)	TO ID A1P9.23
FROM ID A1J9.23	TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID A1P7.38	TO ID P10-130 (S301-23) TO ID A1P7.36
FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO GROUND
FROM ID AIU /.30	IO GROUND

STEP 306

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.47 AND J1.29. THE OUTPUT MEASURES AT PIN J1.43 SHOULD BE BETWEEN 16.5 AND 17.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-47 (UUT J1-47) FROM ID J1A-3F FROM ID A1P14.14	TO W1 P1A-3F TO ID A1J14.14 TO ID P13-18 (S201-35)
FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-43 (UUT J1-43) FROM ID J1B-9D FROM ID A1P13.17	TO W1 P1B-9D TO ID A1J13.17 TO ID P12-41 (S701-38)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3)	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23

Date: 04 March 2016

FROM ID A1J9.23	TO ID BUS 1
FROM ID P20-2 (DMM-HI)	TO ID A1P15.49
FROM ID A1J15.49	TO ID A1J8.28
FROM ID A1P8.28	TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3)	TO ID A1P6.13
FROM ID A1J6.13	TO ID BUS 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID A1P7.38	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 PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.29. THE OUTPUT MEASURES AT PIN J1.43 SHOULD BE BETWEEN 16.5 AND 17.5VDC WITH RESPECT TO GROUND.

FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-43 (UUT J1-43) FROM ID J1B-9D FROM ID A1P13.17	TO W1 P1B-9D TO ID A1J13.17 TO ID P12-41 (S701-38)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50	TO ID A1P15.50 TO ID A1J7.38

Date: 04 March 2016

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

STEP 308

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.29. J1.56 IS SHORTED TO GROUND. INITIATE COUNTER/TIMER TO MEASURE THE TIME INTERVAL BETWEEN PINS J1.56 AND J1.43. WHEN J1.56 DECREASES PAST 5 VOLTS, THE OUTPUT AT PIN J1.43 SHOULD DROP TO LESS THAN 0.5VDC RELATIVE TO GROUND IN BETWEEN 190 AND 725 MSECS.

FROM ID P13-93 (S202-3)	TO 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)	
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 P2-43 (UUT J1-43)	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)	
FROM ID A1J12.48	TO ID A1J10.1
FROM ID A1P10.1	TO ID P11-162 (S506-2)
FROM ID P11-193 (S506-6)	
FROM ID A1J9.50	TO ID BUS 4
	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 J1-30)	TO W1 P1B-4B
FROM WI P2-30 (001 01-30) FROM ID J1B-4B	TO WI PIB-4B TO ID A1J12.17
FROM ID 31B-4B FROM ID A1P12.17	TO ID P12-96 (S202-47)
FROM ID AIPIZ.I/	10 10 P12-90 (5202-47)
FROM ID P13-93 (S202-3)	TO ID A1P14.49
FROM ID A1J14.49	TO ID A1J10.48
FROM ID A1014.49	TO ID P11-52 (S510-1)
INON ID AIFIU. 10	10 10 F11 32 (5310-1)

Date: 04 March 2016

FROM ID P1 FROM ID A1	L1-147 (S510-4) LJ9.31			A1P9.31 BUS 2
FROM W1 P2 FROM ID J1 FROM ID A1		TO	ID	P1A-1C A1J14.5 P13-49 (S201-17)
FROM ID A1 FROM ID A1	LJ12.46 LP10.2 L1-72 (S507-4)	TO TO	ID ID ID	A1P12.46 A1J10.2 P11-39 (S507-1) A1P9.27 BUS 2
FROM W1 P2 FROM ID J1 FROM ID A1		ТО	ID	P1B-9D A1J13.17 P12-41 (S701-38)
FROM ID A1 FROM ID A1	LJ12.48 LP10.1 L1-164 (S506-3)	TO TO	ID ID ID	A1P12.48 A1J10.1 P11-162 (S506-2) A1P9.23 BUS 1
FROM ID A1 FROM ID A1	LJ15.49 LP8.28 LO-77 (S503-3)	TO TO	ID ID ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
FROM ID A1 FROM ID A1	LJ15.50 LP7.38 LO-229 (S301-24)	TO TO	ID ID ID	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36 DUND

STEP 309

DESCRIPTION:

FROM ID A1P10.2

CONNECTION PATH IS AS FOLLOWS:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.29 AND J1.34. THE OUTPUT MEASURED AT J1.43 SHOULD BE LESS THAN 0.2VDC WITH RESPECT TO GROUND.

SEE "UUT POWER" SEE "APPLY IC" FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5 FROM ID A1P14.5 TO ID A1J14.5 FROM ID P12-20 (S201-3) TO ID A1P12.46 FROM ID A1J12.46 TO ID A1J10.2

TO ID P11-39 (S507-1)

Date: 04 March 2016

FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-34 (UUT J1-34)	
FROM ID J1A-5F	TO ID A1J14.18
FROM ID A1P14.18	TO ID P13-89 (S202-18)
FROM W1 P2-43 (UUT J1-43)	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 310

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.29, J1.13, AND J1.34. THE OUTPUT MEASURES AT PIN J1.43 SHOULD BE BETWEEN 16.5 AND 17.5VDC WITH RESPECT TO GROUND.

FROM W1	P2-13 (UUT J1-13)	TO	W1	P1B-14B
FROM ID	J1B-14B	TO	ID	A1J13.3
FROM ID	A1P13.3	ТО	ID	P12-46 (S201-7)
FROM W1	P2-29 (UUT J1-29)	то	W1	P1A-1C
FROM ID	•	ТО	ID	A1J14.5
FROM ID	A1P14.5	ТО	ID	P13-49 (S201-17)
FROM ID	P12-20 (S201-3)	ТΟ	TD	A1P12.46
	A1J12.46			A1J10.2
FROM ID	A1P10.2	TO	ID	P11-39 (S507-1)
FROM ID	P11-72 (S507-4)	TO	ID	A1P9.27
FROM ID	A1J9.27	TO	ID	BUS 2

Date: 04 March 2016

FROM W1 P2-34 (UUT J1-34) FROM ID J1A-5F FROM ID A1P14.18	TO W1 P1A-5F TO ID A1J14.18 TO ID P13-89 (S202-18)
FROM W1 P2-43 (UUT J1-43) FROM ID J1B-9D FROM ID A1P13.17	TO W1 P1B-9D TO ID A1J13.17 TO ID P12-41 (S701-38)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 311

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.29 AND J1.34. THE OUTPUT MEASURES AT PIN J1.43 SHOULD BE GREATER THAN 27.0VDC RELATIVE TO GROUND.

FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-34 (UUT J1-34)	TO W1 P1A-5F
FROM ID J1A-5F	TO ID A1J14.18
FROM ID A1P14.18	TO ID P13-89 (S202-18)
FROM W1 P2-43 (UUT J1-43)	TO W1 P1B-9D
FROM ID J1B-9D	TO ID A1J13.17
FROM ID A1P13.17	TO ID P12-41 (S701-38)

Date: 04 March 2016

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

STEP 312

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6, J1.29 AND J1.34. PIN J1.56 IS SHORTED TO GROUND. INITIATE COUNTER/TIMER TO MEASURE THE TIME INTERVAL BETWEEN PINS J1.56 AND J1.43. WHEN J1.56 DECREASES PAST 5 VOLTS, THE OUTPUT AT PIN J1.43 SHOULD DROP TO LESS THAN 0.5VDC RELATIVE TO GROUND IN BETWEEN 190 AND 725 MSECS.

FROM I	ID P13-93 (S202-3)	TO ID A1P14.49
FROM I	ID A1J14.49	TO ID A1J10.48
FROM I	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 I	ID P19-18 (CT-IN1)	TO ID A1P21.1
FROM I	ID A1J21.1	TO ID A1J6.8
FROM I	ID A1P6.8	TO ID P10-162 (S501-2)
FROM I	ID P10-161 (S501-7)	TO ID A1P7.45
FROM I	ID A1J7.45	TO ID BUS 5
FROM V	W1 P2-43 (UUT J1-43)	TO W1 P1B-9D
FROM I	ID J1B-9D	TO ID A1J13.17
FROM I	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 I	ID A1P10.1	TO ID P11-162 (S506-2)
FROM	ID P11-193 (S506-6)	TO ID A1P9.50
FROM I	ID A1J9.50	TO ID BUS 4

Date: 04 March 2016

FROM ID P19-19 (CT-IN2) FROM ID A1J22.1 FROM ID A1P6.10 FROM ID P10-38 (S502-6) FROM ID A1J7.43	TO ID A1P22.1 TO ID A1J6.10 TO ID P10-71 (S502-2) TO ID A1P7.43 TO ID BUS 4
FROM W1 P2-30 (UUT J1-30) FROM ID J1B-4B FROM ID A1P12.17	TO W1 P1B-4B TO ID A1J12.17 TO ID P12-96 (S202-47)
FROM ID P13-93 (S202-3) FROM ID A1J14.49 FROM ID A1P10.48 FROM ID P11-147 (S510-4) FROM ID A1J9.31	TO ID A1P14.49 TO ID A1J10.48 TO ID P11-52 (S510-1) TO ID A1P9.31 TO ID BUS 2
FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-34 (UUT J1-34) FROM ID J1A-5F FROM ID A1P14.18	TO W1 P1A-5F TO ID A1J14.18 TO ID P13-89 (S202-18)
FROM W1 P2-43 (UUT J1-43) FROM ID J1B-9D FROM ID A1P13.17	TO W1 P1B-9D TO ID A1J13.17 TO ID P12-41 (S701-38)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

Date: 04 March 2016

STEP 313

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6, J1.29, J1.47, J1.34 AND J1.22. THE OUTPUT MEASURED AT J1.59 SHOULD BE GREATER THAN 27.0VDC RELATIVE TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

SEE "APPLY IC"

FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1J10.2 TO ID P11-39 (S507-1)
FROM W1 P2-34 (UUT J1-34) FROM ID J1A-5F FROM ID A1P14.18	TO W1 P1A-5F TO ID A1J14.18 TO ID P13-89 (S202-18)
FROM W1 P2-47 (UUT J1-47) FROM ID J1A-3F FROM ID A1P14.14	TO W1 P1A-3F TO ID A1J14.14 TO ID P13-18 (S201-35)
FROM W1 P2-22 (UUT J1-22) FROM ID J1A-1B FROM ID A1P14.3	TO W1 P1A-1B TO ID A1J14.3 TO ID P13-80 (S201-11)
FROM W1 P2-59 (UUT J1-59) FROM ID J1A-4C FROM ID A1P15.6	TO W1 P1A-4C TO ID A1J15.6 TO ID P13-44 (S701-42)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24)	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36

Date: 04 March 2016

FROM ID A1J7.36

TO GROUND

STEP 314

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6, J1.29, J1.34 AND J1.22. THE OUTPUT MEASURED AT J1.59 SHOULD BE GREATER THAN 27.0VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-34 (UUT J1-34) FROM ID J1A-5F FROM ID A1P14.18	TO W1 P1A-5F TO ID A1J14.18 TO ID P13-89 (S202-18)
FROM W1 P2-22 (UUT J1-22) FROM ID J1A-1B FROM ID A1P14.3	TO W1 P1A-1B TO ID A1J14.3 TO ID P13-80 (S201-11)
FROM W1 P2-59 (UUT J1-59) FROM ID J1A-4C FROM ID A1P15.6	TO W1 P1A-4C TO ID A1J15.6 TO ID P13-44 (S701-42)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID P10-203 (S503-1)
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

Date: 04 March 2016

STEP 315

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6, J1.29, J1.34 AND J1.22. PIN J1.56 IS GROUNDED. INITIATE COUNTER/TIMER TO MEASURE THE TIME INTERVAL BETWEEN PINS J1.56 AND J1.59. WHEN J1.56 DECREASES PAST 5 VOLTS, THE OUTPUT AT PIN J1.59 SHOULD DROP TO LESS THAN 0.5VDC RELATIVE TO GROUND IN BETWEEN 190 AND 725 MSECS.

DEB	OOI TOWER	
FROM FROM	ID P13-93 (S202-3) ID A1J14.49 ID A1P10.48 ID P11-115 (S510-7) ID A1J9.38	TO ID A1J10.48 TO ID P11-52 (S510-1)
FROM FROM FROM	ID P19-18 (CT-IN1) ID A1J21.1 ID A1P6.8 ID P10-161 (S501-7) ID A1J7.45	TO ID A1P21.1 TO ID A1J6.8 TO ID P10-162 (S501-2) TO ID A1P7.45 TO ID BUS 5
FROM	W1 P2-59 (UUT J1-59) ID J1A-4C ID A1P15.6	TO W1 P1A-4C TO ID A1J15.6 TO ID P13-44 (S701-42)
FROM FROM	ID P12-44 (S701-2) ID A1J12.48 ID A1P10.1 ID P11-193 (S506-6) ID A1J9.50	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.50 TO ID BUS 4
FROM FROM	ID P19-19 (CT-IN2) ID A1J22.1 ID A1P6.10 ID P10-38 (S502-6) ID A1J7.43	TO ID A1P22.1 TO ID A1J6.10 TO ID P10-71 (S502-2) TO ID A1P7.43 TO ID BUS 4
FROM FROM	W1 P2-30 (UUT J1-30) ID J1B-4B ID A1P12.17	TO W1 P1B-4B TO ID A1J12.17 TO ID P12-96 (S202-47)
FROM FROM	ID P13-93 (S202-3) ID A1J14.49 ID A1P10.48 ID P11-147 (S510-4) ID A1J9.31	TO ID A1P14.49 TO ID A1J10.48 TO ID P11-52 (S510-1) TO ID A1P9.31 TO ID BUS 2
	W1 P2-29 (UUT J1-29) ID J1A-1C	TO W1 P1A-1C TO ID A1J14.5

Date: 04 March 2016

FROM I	ID	A1P14.5	ТО	ID	P13-49 (S201-17)
		P12-20 (S201-3) A1J12.46			A1P12.46 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 V	W1	P2-34 (UUT J1-34)	TO	W1	P1A-5F
FROM :	ID	J1A-5F	ТО	ID	A1J14.18
FROM :	ID	A1P14.18	ТО	ID	P13-89 (S202-18)
FROM V	W1	P2-22 (UUT J1-22)	ТО	W1	P1A-1B
FROM 3	ID	J1A-1B	ТО	ID	A1J14.3
FROM :	ID	A1P14.3	TO	ID	P13-80 (S201-11)

STEP 316

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.29 AND J1.13. THE OUTPUT MEASURED AT J1.59 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 (U	UT J1-29)	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 (U	UT J1-13)			
FROM ID J1B-14B		TO	ID	A1J13.3 P12-46 (S201-7)
FROM ID A1P13.3		TO	ID	P12-46 (S201-7)
FROM W1 P2-59 (U	UT J1-59)	TO	W1	P1A-4C
FROM ID J1A-4C		TO	ID	A1J15.6
FROM ID A1P15.6		TO	ID	P13-44 (S701-42)
	S701-2)	TO	ID	A1P12.48
FROM ID A1J12.48				A1J10.1
FROM ID A1P10.1				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 (D	MM-HI)	TO	ID	A1P15.49

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FROM ID AlJ15.49
FROM ID AlP8.28
FROM ID P10-77 (S503-3)
FROM ID P10-77 (S503-3)
FROM ID AlJ6.13
FROM ID AlJ6.13
FROM ID AlJ6.13
TO ID AlP6.13
TO ID BUS 1

FROM ID P20-3 (DMM-LO)
FROM ID AlJ15.50
FROM ID AlJ15.50
FROM ID AlP7.38
FROM ID P10-229 (S301-24)
FROM ID AlJ7.36
FROM ID AlJ7.36
TO GROUND

STEP 317

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.29, J1.13 AND J2.22. THE OUTPUT MEASURED AT J1.59 SHOULD BE GREATER THAN 17.6VDC WITH RESPECT TO GROUND.

	W1 P2-22 (UUT J1-22) ID J1A-1B			P1A-1B A1J14.3
	ID A1P14.3		ID	P13-80 (S201-11)
	W1 P2-29 (UUT J1-29)			P1A-1C
FROM]	ID J1A-1C	TO	ID	A1J14.5
FROM]	ID A1P14.5	ТО	ID	P13-49 (S201-17)
	ID P12-20 (S201-3)	_		A1P12.46
FROM]	ID A1J12.46			A1J10.2
	ID A1P10.2	TO		P11-39 (S507-1)
				A1P9.27
FROM 1	ID A1J9.27	ТО	ID	BUS 2
FROM V	W1 P2-13 (UUT J1-13)	TO	W1	P1B-14B
FROM]	ID J1B-14B	TO	ID	A1J13.3
FROM 1	ID A1P13.3	ТО	ID	P12-46 (S201-7)
	N1 P2-59 (UUT J1-59)	ТО	W1	P1A-4C
FROM]	ID J1A-4C	TO	ID	A1J15.6
FROM 1	ID A1P15.6	ТО	ID	P13-44 (S701-42)
FROM 1	ID P12-44 (S701-2)	ТО	ID	A1P12.48
FROM 1	ID A1J12.48	TO	ID	A1J10.1
	ID A1P10.1			P11-162 (S506-2)
FROM]	ID P11-164 (S506-3)	TO	ID	A1P9.23
FROM]	ID A1J9.23	ТО	ID	BUS 1
FROM 1	ID P20-2 (DMM-HI) ID A1J15.49	ТО	ID	A1P15.49
FROM]	ID A1J15.49	_		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 318

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT J1.20 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 J1-20)	TO W1 P1B-4A
FROM ID J1B-4A	TO ID A1J12.16
FROM ID A1P12.16	TO ID P12-63 (S202-46)
FDOM TD D10 00 (G000 0)	mo TD 31D10 36
FROM ID P12-90 (S202-2)	
FROM ID A1J12.36	TO ID A1J10.12
FROM ID A1P10.12	TO ID P11-242 (S509-2)
FROM ID P11-144 (S509-8)	
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
EDOM ID D12 00 (G202 2)	mo to 31010 26
FROM ID P12-90 (S202-2) FROM ID A1J12.36	TO ID AIPI2.30
FROM ID ALUIZ.30	TO ID AIJIU.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) FROM ID A1J15.49	TO ID A1P15.49
FROM ID A1J15.49	TO ID A1J8.28
FROM ID A1P8.28	TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3)	TO ID A1P6.13
FROM ID A1J6.13	TO ID BUS 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38	TO ID P10-130 (S301-23)

Date: 04 March 2016

FROM ID P10-229 (S301-24) TO ID A1P7.36 FROM ID A1J7.36 TO GROUND

STEP 319

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.21. THE OUTPUT MEASURED AT J1.20 SHOULD BE GREATER THAN 27.0VDC RELATIVE TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

FROM W1 P2-21 (UUT J1-21) FROM ID J1B-5C FROM ID A1P12.15	TO W1 P1B-5C TO ID A1J12.15 TO ID P12-31 (S202-45)
FROM ID P13-93 (S202-3) FROM ID A1J14.49 FROM ID A1P10.48 FROM ID P11-147 (S510-4) FROM ID A1J9.31	TO ID A1J10.48 TO ID P11-52 (S510-1)
FROM W1 P2-20 (UUT J1-20) FROM ID J1B-4A FROM ID A1P12.16	TO W1 P1B-4A TO ID A1J12.16 TO ID P12-63 (S202-46)
FROM ID P12-90 (S202-2) FROM ID A1J12.36 FROM ID A1P10.12 FROM ID P11-144 (S509-8) FROM ID A1J9.26	TO ID A1J10.12
FROM ID BUS 6 FROM ID A1P8.50 FROM ID P10-9 (S301-53) FROM ID A1J7.26 FROM ID A1P4.18 FROM ID R108.2 FROM ID A1J4.10	TO ID A1J8.50 TO ID P10-138 (S301-54) TO ID A1P7.26 TO ID A1J4.18 TO ID R108.1 TO ID A1P4.10 TO GROUND
FROM ID P12-90 (S202-2) FROM ID A1J12.36 FROM ID A1P10.12 FROM ID P11-18 (S509-3) FROM ID A1J9.19	TO ID A1P12.36 TO ID A1J10.12 TO ID P11-242 (S509-2)
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1

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

STEP 320

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT J1.54 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 J1-54) FROM ID J1B-4C FROM ID A1P12.18	TO W1 P1B-4C TO ID A1J12.18 TO ID P12-32 (S202-48)
FROM ID P12-90 (S202-2) FROM ID A1J12.36 FROM ID A1P10.12 FROM ID P11-144 (S509-8) FROM ID A1J9.26	TO ID A1J10.12 TO ID P11-242 (S509-2)
FROM ID BUS 6 FROM ID A1P8.50 FROM ID P10-9 (S301-53) FROM ID A1J7.26 FROM ID A1P4.18 FROM ID R108.2 FROM ID A1J4.10	TO ID A1J8.50 TO ID P10-138 (S301-54) TO ID A1P7.26 TO ID A1J4.18 TO ID R108.1 TO ID A1P4.10 TO GROUND
FROM ID P12-90 (S202-2) FROM ID A1J12.36 FROM ID A1P10.12 FROM ID P11-18 (S509-3) FROM ID A1J9.19	TO ID A1P12.36 TO ID A1J10.12 TO ID P11-242 (S509-2) TO ID A1P9.19 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1J8.28 TO ID P10-203 (S503-1)
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID P10-130 (S301-23)

Date: 04 March 2016

STEP 321

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.55. THE OUTPUT MEASURED AT J1.54 SHOULD BE GREATER THAN 27.0VDC RELATIVE TO GROUND.

FROM ID		ТО	ID	P1A-2E A1J14.10
FROM ID	A1P14.10 P12-20 (S201-3)	то	ID	P13-83 (S201-27) A1P12.46
	A1J12.46			A1J10.2
-	A1P10.2 P11-72 (S507-4)			P11-39 (S507-1) A1P9.27
	A1J9.27			BUS 2
TROM ID	11100.27	10	10	200 2
	P2-54 (UUT J1-54)	ТО	W1	P1B-4C
FROM ID				A1J12.18
FROM ID	A1P12.18	ТО	ID	P12-32 (S202-48)
FROM ID	P12-90 (S202-2)	ТО	ID	A1P12.36
	A1J12.36			A1J10.12
FROM ID	A1P10.12	ТО	ID	P11-242 (S509-2)
FROM ID	P11-144 (S509-8)	ТО	ID	A1P9.26
FROM ID	A1J9.26	ТО	ID	BUS 6
FROM ID	BUS 6	ΤО	TD	A1J8.50
-	A1P8.50			P10-138 (S301-54)
FROM ID	P10-9 (S301-53)			A1P7.26
FROM ID	A1J7.26	ТО	ID	A1J4.18
	A1P4.18	_		R108.1
	R108.2			A1P4.10
FROM ID	A1J4.10	ТО	GRO	DUND
FROM ID	P12-90 (S202-2)	ТО	ID	A1P12.36
FROM ID	A1J12.36	ТО	ID	A1J10.12
	A1P10.12	TO	ID	P11-242 (S509-2)
	P11-18 (S509-3)			A1P9.19
FROM ID	A1J9.19	ТО	ID	BUS 1
FROM ID	P20-2 (DMM-HI)	ТО	ID	A1P15.49
FROM ID	A1J15.49	ТО	ID	A1J8.28
	A1P8.28	TO	ID	P10-203 (S503-1)
	P10-77 (S503-3)			A1P6.13
FROM ID	A1J6.13	TO	ID	BUS 1
FROM ID	P20-3 (DMM-LO)	ТО	ID	A1P15.50
	A1J15.50	ТО	ID	A1J7.38

Date: 04 March 2016

FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36 TO GROUND

STEP 322

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT J3.1 SHOULD BE LESS THAN 0.2VDC RELATIVE TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

SEE "APPLY IC"

FROM W1 P3-1 (UUT J3-1)

FROM ID J1B-11E

TO W1 P1B-11E

TO ID A1J13.22

TO ID P12-75 (S

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
FROM ID A1P8.50
FROM ID P10-9 (S301-53)
FROM ID A1J7.26
FROM ID A1P4.18
FROM ID A1P4.18
FROM ID R108.2
FROM ID A1J4.10
FROM ID A1J4.10

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

FROM ID A1J6.13 TO ID BUS 1

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

Date: 04 March 2016

STEP 323

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.30. THE OUTPUT MEASURED AT J3.1 SHOULD BE BETWEEN 27.0VDC AND 27.6VDC RELATIVE TO GROUND.

FROM W1 P2-30 (UUT J1-30) FROM ID J1B-4B FROM ID A1P12.17	TO W1 P1B-4B TO ID A1J12.17 TO ID P12-96 (S202-47)
FROM ID P13-93 (S202-3) FROM ID A1J14.49 FROM ID A1P10.48 FROM ID P11-147 (S510-4) FROM ID A1J9.31	TO ID A1J10.48 TO ID P11-52 (S510-1)
FROM W1 P3-1 (UUT J3-1) FROM ID J1B-11E FROM ID A1P13.22	TO W1 P1B-11E TO ID A1J13.22 TO ID P12-75 (S701-43)
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-129 (S506-8) FROM ID A1J9.30	TO ID A1P12.50 TO ID A1J10.3 TO ID P11-194 (S506-1) TO ID A1P9.30 TO ID BUS 6
FROM ID BUS 6 FROM ID A1P8.50 FROM ID P10-9 (S301-53) FROM ID A1J7.26 FROM ID A1P4.18 FROM ID R108.2 FROM ID A1J4.10	TO ID A1J8.50 TO ID P10-138 (S301-54) TO ID A1P7.26 TO ID A1J4.18 TO ID R108.1 TO ID A1P4.10 TO GROUND
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.50 TO ID A1J10.3 TO ID P11-194 (S506-1) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50	TO ID A1P15.50 TO ID A1J7.38

Date: 04 March 2016

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

STEP 324

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT J1.24 SHOULD BE LESS THAN 0.2VDC RELATIVE TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER" SEE "APPLY IC"

FROM W1 FROM ID FROM ID A		ТО	ID	A1J13.18	
FROM ID A	A1P10.3 P11-129 (S506-8)	TO TO TO	ID ID ID	A1P12.50 A1J10.3 P11-194 A1P9.30 BUS 6	(S506-1)
FROM ID FROM I	A1P8.50 P10-9 (S301-53) A1J7.26 A1P4.18 R108.2	TO TO TO TO	ID ID ID ID	A1J8.50 P10-138 A1P7.26 A1J4.18 R108.1 A1P4.10 DUND	(S301-54)
FROM ID A	A1P10.3 P11-164 (S506-3)	TO TO TO	ID ID ID	A1P12.50 A1J10.3 P11-194 A1P9.23 BUS 1	
FROM ID A	A1P8.28 P10-77 (S503-3)	TO TO TO	ID ID ID	A1P15.49 A1J8.28 P10-203 A1P6.13 BUS 1	(S503-1)
FROM ID A	A1P7.38 P10-229 (S301-24)	TO TO TO	ID ID ID	A1P15.50 A1J7.38 P10-130 A1P7.36	(S301-23)

Date: 04 March 2016

STEP 325

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.30. THE OUTPUT MEASURED AT J1.24 SHOULD BE BETWEEN 27.0VDC AND 27.6VDC RELATIVE TO GROUND.

FROM W1 P2-30 (UUT J1-30) FROM ID J1B-4B FROM ID A1P12.17	TO W1 P1B-4B TO ID A1J12.17 TO ID P12-96 (S202-47)
FROM ID P13-93 (S202-3) FROM ID A1J14.49 FROM ID A1P10.48 FROM ID P11-147 (S510-4) FROM ID A1J9.31	TO ID A1P14.49 TO ID A1J10.48 TO ID P11-52 (S510-1) TO ID A1P9.31 TO ID BUS 2
FROM W1 P2-24 (UUT J1-24) FROM ID J1B-11F FROM ID A1P13.18	TO W1 P1B-11F TO ID A1J13.18 TO ID P12-40 (S701-29)
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-129 (S506-8) FROM ID A1J9.30	TO ID A1P12.50 TO ID A1J10.3 TO ID P11-194 (S506-1) TO ID A1P9.30 TO ID BUS 6
FROM ID BUS 6 FROM ID A1P8.50 FROM ID P10-9 (S301-53) FROM ID A1J7.26 FROM ID A1P4.18 FROM ID R108.2 FROM ID A1J4.10	TO ID A1J8.50 TO ID P10-138 (S301-54) TO ID A1P7.26 TO ID A1J4.18 TO ID R108.1 TO ID A1P4.10 TO GROUND
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.50 TO ID A1J10.3 TO ID P11-194 (S506-1) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50	TO ID A1P15.50 TO ID A1J7.38

Date: 04 March 2016

FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36 TO GROUND

STEP 326

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT J1.63 SHOULD BE LESS THAN 0.2VDC RELATIVE TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER" SEE "APPLY IC"

FROM W1 P2	-63 (UUT J1-63)	TO V	√1 P1A-6B
FROM ID J12	A-6B	TO	ID A1J15.11
FROM ID All	P15.11	TO	ID P13-10 (S701-33)
FROM ID P1	2-76 (S701-1)	TO I	ID A1P12.50
FROM ID Ald	J12.50	TO I	ID A1J10.3
FROM ID All		TO I	ID P11-194 (S506-1)
FROM ID P1	1-129 (S506-8)	TO I	ID A1P9.30
FROM ID Ald	J9.30	TO I	ID BUS 6
FROM ID BUS	-	_	ID A1J8.50
FROM ID All			ID P10-138 (S301-54)
	- ,	_	ID A1P7.26
FROM ID Ald			ID A1J4.18
FROM ID All			ID R108.1
FROM ID R1			ID A1P4.10
FROM ID A1	J4.10	TO (GROUND
	0 56 (2501 1)		1-10 -0
	,	_	ID A1P12.50
FROM ID A10			ID A1J10.3
FROM ID A11	P10.3	TO .	ID P11-194 (S506-1)
FROM ID PI.	1-164 (S506-3)		
FROM ID Ald	19.23	TO .	ID BUS 1
EDOM ID DO	0-2 (DMM-HI)	т∩ -	ID A1P15.49
FROM ID A10			ID A1J8.28
FROM ID A1			ID P10-203 (S503-1)
	0-77 (S503-3)		ID A1P6.13
FROM ID A10			ID BUS 1
FROM ID AIC	00.13	10 .	LD B05 I
FROM ID P20	0-3 (DMM-LO)	TO I	ID A1P15.50
FROM ID A1		TO I	ID A1J7.38
FROM ID A11			ID P10-130 (S301-23)
			ID A1P7.36
FROM ID A1		TO (GROUND

Date: 04 March 2016

STEP 327

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.30. THE OUTPUT MEASURED AT J1.63 SHOULD BE BETWEEN 27.0VDC AND 27.6VDC RELATIVE TO GROUND.

FROM W1 P2-30 (UUT J1-30) FROM ID J1B-4B FROM ID A1P12.17	TO W1 P1B-4B TO ID A1J12.17 TO ID P12-96 (S202-47)
FROM ID P13-93 (S202-3) FROM ID A1J14.49 FROM ID A1P10.48 FROM ID P11-147 (S510-4) FROM ID A1J9.31	TO ID A1P14.49 TO ID A1J10.48 TO ID P11-52 (S510-1) TO ID A1P9.31 TO ID BUS 2
FROM W1 P2-63 (UUT J1-63) FROM ID J1A-6B FROM ID A1P15.11	TO W1 P1A-6B TO ID A1J15.11 TO ID P13-10 (S701-33)
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-129 (S506-8) FROM ID A1J9.30	TO ID A1P12.50 TO ID A1J10.3 TO ID P11-194 (S506-1) TO ID A1P9.30 TO ID BUS 6
FROM ID BUS 6 FROM ID A1P8.50 FROM ID P10-9 (S301-53) FROM ID A1J7.26 FROM ID A1P4.18 FROM ID R108.2 FROM ID A1J4.10	TO ID A1J8.50 TO ID P10-138 (S301-54) TO ID A1P7.26 TO ID A1J4.18 TO ID R108.1 TO ID A1P4.10 TO GROUND
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.50 TO ID A1J10.3 TO ID P11-194 (S506-1) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50	TO ID A1P15.50 TO ID A1J7.38

Date: 04 March 2016

FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36 TO GROUND

STEP 328

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT J1.58 SHOULD BE LESS THAN 0.2VDC RELATIVE TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER" SEE "APPLY IC"

FROM W1 P2-58 (UUT J1-58) FROM ID J1B-10D	TO W1 P1B-10D TO ID A1J13.19
FROM ID A1P13.19	TO ID P12-42 (S701-35)
FROM ID P12-76 (S701-1)	
FROM ID A1J12.50 FROM ID A1P10.3	TO ID A1J10.3 TO ID P11-194 (S506-1)
FROM ID AIP10.3 FROM ID P11-129 (S506-8)	
FROM ID A1J9.30	TO ID BUS 6
TROM ID AIO 9.50	10 10 000 0
FROM ID BUS 6	TO ID A1J8.50
FROM ID A1P8.50	TO ID P10-138 (S301-54)
FROM ID A128.50 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 TD A1P12.50
FROM ID A1J12.50	TO ID A1J10.3
FROM ID A1P10.3	TO ID P11-194 (S506-1)
FROM ID P11-164 (S506-3)	
FROM ID A1J9.23	TO ID BUS 1
FROM ID P20-2 (DMM-HI)	
FROM ID A1J15.49	TO ID A1J8.28
FROM ID A1P8.28	TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3) FROM ID A1J6.13	
FROM ID AID6.13	TO ID BUS 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID A1P7.38	TO ID P10-130 (S301-23)
FROM ID P10-229 (S301-24)	
FROM ID A1J7.36	TO ID A1P7.36

Date: 04 March 2016

STEP 329

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.30. THE OUTPUT MEASURED AT J1.58 SHOULD BE BETWEEN 27.0VDC AND 27.6VDC RELATIVE TO GROUND.

FROM W1 P2-30 (UUT J1-30) FROM ID J1B-4B FROM ID A1P12.17	TO W1 P1B-4B TO ID A1J12.17 TO ID P12-96 (S202-47)
FROM ID P13-93 (S202-3) FROM ID A1J14.49 FROM ID A1P10.48 FROM ID P11-147 (S510-4) FROM ID A1J9.31	TO ID A1P14.49 TO ID A1J10.48 TO ID P11-52 (S510-1) TO ID A1P9.31 TO ID BUS 2
FROM W1 P2-58 (UUT J1-58) FROM ID J1B-10D FROM ID A1P13.19	TO W1 P1B-10D TO ID A1J13.19 TO ID P12-42 (S701-35)
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-129 (S506-8) FROM ID A1J9.30	TO ID A1P12.50 TO ID A1J10.3 TO ID P11-194 (S506-1) TO ID A1P9.30 TO ID BUS 6
FROM ID BUS 6 FROM ID A1P8.50 FROM ID P10-9 (S301-53) FROM ID A1J7.26 FROM ID A1P4.18 FROM ID R108.2 FROM ID A1J4.10	TO ID A1J8.50 TO ID P10-138 (S301-54) TO ID A1P7.26 TO ID A1J4.18 TO ID R108.1 TO ID A1P4.10 TO GROUND
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.50 TO ID A1J10.3 TO ID P11-194 (S506-1) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50	TO ID A1P15.50 TO ID A1J7.38

Date: 04 March 2016

FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36 TO GROUND

STEP 330

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT J1.25 SHOULD BE LESS THAN 0.2VDC RELATIVE TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER" SEE "APPLY IC"

FROM W1 P2-25 (UUT J1-25) FROM ID J1A-5C	TO ID A1J15.9
FROM ID A1P15.9	TO ID P13-75 (S701-31)
FROM ID P12-76 (S701-1) FROM ID A1J12.50	TO ID A1J10.3
FROM ID A1P10.3	TO ID P11-194 (S506-1)
FROM ID P11-129 (S506-8)	
FROM ID A1J9.30	TO ID BUS 6
FROM ID BUS 6	TO ID A1J8.50
FROM ID A1P8.50 FROM ID P10-9 (S301-53)	TO ID P10-138 (S301-54)
FROM ID PIU-9 (S3UI-53)	TO ID A1P7.26
FROM ID A1J7.26 FROM ID A1P4.18	TO ID A1J4.18
FROM ID AIP4.18 FROM ID R108.2	TO ID R108.1 TO ID A1P4.10
FROM ID RIUS.2 FROM ID AlJ4.10	TO GROUND
FROM ID AI04.10	10 GROUND
FROM ID P12-76 (S701-1)	
FROM ID A1J12.50	TO ID A1J10.3
FROM ID A1P10.3	TO ID P11-194 (S506-1)
FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P9.23
FROM ID AIU9.23	TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49	TO ID A1P15.49 TO ID A1J8.28
FROM ID A1P8.28	TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3)	TO ID A1P6.13
FROM ID A1J6.13	TO ID BUS 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID A1P7.38	TO ID P10-130 (S301-23)
FROM ID P10-229 (S301-24)	
FROM ID A1J7.36	TO ID A1P7.36

Date: 04 March 2016

STEP 331

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.30. THE OUTPUT MEASURED AT J1.25 SHOULD BE BETWEEN 27.0VDC AND 27.6VDC RELATIVE TO GROUND.

FROM W1 P2-30 (UUT J1-30) FROM ID J1B-4B FROM ID A1P12.17	TO W1 P1B-4B TO ID A1J12.17 TO ID P12-96 (S202-47)
FROM ID P13-93 (S202-3) FROM ID A1J14.49 FROM ID A1P10.48 FROM ID P11-147 (S510-4) FROM ID A1J9.31	TO ID A1P14.49 TO ID A1J10.48 TO ID P11-52 (S510-1) TO ID A1P9.31 TO ID BUS 2
FROM W1 P2-25 (UUT J1-25) FROM ID J1A-5C FROM ID A1P15.9	TO W1 P1A-5C TO ID A1J15.9 TO ID P13-75 (S701-31)
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-129 (S506-8) FROM ID A1J9.30	TO ID A1P12.50 TO ID A1J10.3 TO ID P11-194 (S506-1) TO ID A1P9.30 TO ID BUS 6
FROM ID BUS 6 FROM ID A1P8.50 FROM ID P10-9 (S301-53) FROM ID A1J7.26 FROM ID A1P4.18 FROM ID R108.2 FROM ID A1J4.10	TO ID A1J8.50 TO ID P10-138 (S301-54) TO ID A1P7.26 TO ID A1J4.18 TO ID R108.1 TO ID A1P4.10 TO GROUND
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.50 TO ID A1J10.3 TO ID P11-194 (S506-1) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50	TO ID A1P15.50 TO ID A1J7.38

Date: 04 March 2016

FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36 TO GROUND

STEP 332

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT J1.65 SHOULD BE LESS THAN 0.2VDC RELATIVE TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER" SEE "APPLY IC"

FROM W1 P2-65 (UUT J1-65) FROM ID J1A-7A FROM ID A1P15.13	TO W1 P1A-7A TO ID A1J15.13 TO ID P13-45 (S701-39)
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-129 (S506-8) FROM ID A1J9.30	TO ID A1J10.3 TO ID P11-194 (S506-1)
FROM ID BUS 6 FROM ID A1P8.50 FROM ID P10-9 (S301-53) FROM ID A1J7.26 FROM ID A1P4.18 FROM ID R108.2 FROM ID A1J4.10	TO ID A1J8.50 TO ID P10-138 (S301-54) TO ID A1P7.26 TO ID A1J4.18 TO ID R108.1 TO ID A1P4.10 TO GROUND
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID P11-194 (S506-1) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID AID8.28 TO ID P10-203 (S503-1)
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1J7.38 TO ID P10-130 (S301-23)

Date: 04 March 2016

STEP 333

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.30. THE OUTPUT MEASURED AT J1.65 SHOULD BE BETWEEN 27.0VDC AND 27.6VDC RELATIVE TO GROUND.

FROM W1 P2-30 (UUT J1-30) FROM ID J1B-4B FROM ID A1P12.17	TO W1 P1B-4B TO ID A1J12.17 TO ID P12-96 (S202-47)
FROM ID P13-93 (S202-3) FROM ID A1J14.49 FROM ID A1P10.48 FROM ID P11-147 (S510-4) FROM ID A1J9.31	TO ID A1P14.49 TO ID A1J10.48 TO ID P11-52 (S510-1) TO ID A1P9.31 TO ID BUS 2
FROM W1 P2-65 (UUT J1-65) FROM ID J1A-7A FROM ID A1P15.13	TO W1 P1A-7A TO ID A1J15.13 TO ID P13-45 (S701-39)
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-129 (S506-8) FROM ID A1J9.30	TO ID A1P12.50 TO ID A1J10.3 TO ID P11-194 (S506-1) TO ID A1P9.30 TO ID BUS 6
FROM ID BUS 6 FROM ID A1P8.50 FROM ID P10-9 (S301-53) FROM ID A1J7.26 FROM ID A1P4.18 FROM ID R108.2	TO ID A1J8.50 TO ID P10-138 (S301-54) TO ID A1P7.26 TO ID A1J4.18 TO ID R108.1 TO ID A1P4.10
FROM ID A1J4.10 FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO GROUND TO ID A1P12.50 TO ID A1J10.3 TO ID P11-194 (S506-1) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50	TO ID A1P15.50 TO ID A1J7.38

Date: 04 March 2016

FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36 TO GROUND

STEP 334

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT J1.66 SHOULD BE LESS THAN 0.2VDC RELATIVE TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER" SEE "APPLY IC"

FROM W1 P2-66 (UUT J1-66) 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
FROM ID A1P8.50
FROM ID P10-9 (S301-53)
FROM ID A1J7.26
FROM ID A1P4.18
FROM ID A1P4.18
FROM ID R108.2
FROM ID A1J4.10
FROM ID A1J4.10 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 A1J19 23 TO ID BUS 1 TO ID BUS 1 FROM ID A1J9.23 FROM ID P20-2 (DMM-HI) TO ID A1P15.49
FROM ID A1J15.49 TO ID A1J8.28
FROM ID A1P8.28 TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3) TO ID A1P6.13
FROM ID A1J6.13 FROM ID A1J6.13 TO ID BUS 1 FROM ID P20-3 (DMM-LO) TO ID A1P15.50
FROM ID A1J15.50 TO ID A1J7.38
FROM ID A1P7.38 TO ID P10-130 (S301-23)
FROM ID P10-229 (S301-24) TO ID A1P7.36
FROM ID A1J7.36 TO GROUND

Date: 04 March 2016

STEP 335

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.30. THE OUTPUT MEASURED AT J1.66 SHOULD BE BETWEEN 27.0VDC AND 27.6VDC RELATIVE TO GROUND.

FROM W1 P2-30 (UUT J1-30) FROM ID J1B-4B FROM ID A1P12.17	TO W1 P1B-4B TO ID A1J12.17 TO ID P12-96 (S202-47)
FROM ID P13-93 (S202-3) FROM ID A1J14.49 FROM ID A1P10.48 FROM ID P11-147 (S510-4) FROM ID A1J9.31	TO ID A1P14.49 TO ID A1J10.48 TO ID P11-52 (S510-1) TO ID A1P9.31 TO ID BUS 2
FROM W1 P2-66 (UUT J1-66) FROM ID J1A-7C FROM ID A1P15.15	TO W1 P1A-7C TO ID A1J15.15 TO ID P13-76 (S701-41)
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-129 (S506-8) FROM ID A1J9.30	TO ID A1P12.50 TO ID A1J10.3 TO ID P11-194 (S506-1) TO ID A1P9.30 TO ID BUS 6
FROM ID BUS 6 FROM ID A1P8.50 FROM ID P10-9 (S301-53) FROM ID A1J7.26 FROM ID A1P4.18 FROM ID R108.2 FROM ID A1J4.10	TO ID A1J8.50 TO ID P10-138 (S301-54) TO ID A1P7.26 TO ID A1J4.18 TO ID R108.1 TO ID A1P4.10 TO GROUND
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.50 TO ID A1J10.3 TO ID P11-194 (S506-1) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50	TO ID A1P15.50 TO ID A1J7.38

Date: 04 March 2016

FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36 TO GROUND

STEP 336

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT J1.66 SHOULD BE LESS THAN 0.2VDC RELATIVE TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER" SEE "APPLY IC"

FROM W1 P2-66 (UUT J1-66) 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

FROM ID A1P8.50

FROM ID P10-9 (S301-53)

FROM ID A1J7.26

FROM ID A1P4.18

FROM ID A1P4.18

FROM ID R108.2

FROM ID A1J4.10

TO 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 FROM ID A1J6.13 TO ID BUS 1 FROM ID P20-3 (DMM-LO) TO ID A1P15.50
FROM ID A1J15.50 TO ID A1J7.38
FROM ID A1P7.38 TO ID P10-130 (S301-23)
FROM ID P10-229 (S301-24) TO ID A1P7.36
FROM ID A1J7.36 TO GROUND

Date: 04 March 2016

STEP 337

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.34. THE OUTPUT MEASURED AT J1.66 SHOULD BE BETWEEN 27.0VDC AND 27.6VDC RELATIVE TO GROUND.

FROM W1 P2-34 (UUT J1-34)	TO W1 P1A-5F
FROM ID J1A-5F	TO ID A1J14.18
FROM ID A1P14.18	TO ID P13-89 (S202-18)
PROPILID AIF14.10	10 10 113 07 (5202 10)
FROM W1 P2-66 (UUT J1-66)	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
TROP ID A109.50	10 10 000 0
FROM ID BUS 6	TO ID A1J8.50
FROM ID A1P8.50	TO ID P10-138 (S301-54)
FROM ID P10-9 (S301-53)	
FROM ID A1J7.26	TO ID A117.20
FROM ID A194.18	TO ID R104.10
FROM ID R108.2	TO ID R108.1
FROM ID A1J4.10	
FROM ID AIU4.IU	TO GROUND
FROM ID P12-76 (S701-1)	TO ID A1P12.50
FROM ID A1J12.50	TO ID A1112.30
FROM ID AIGIZ.50	
FDOM TO 1010 2	
FROM ID A1P10.3	TO ID P11-194 (S506-1)
FROM ID P11-164 (S506-3)	TO ID P11-194 (S506-1) TO ID A1P9.23
	TO ID P11-194 (S506-1)
FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID P11-194 (S506-1) TO ID A1P9.23 TO ID BUS 1
FROM ID P11-164 (S506-3) FROM ID A1J9.23 FROM ID P20-2 (DMM-HI)	TO ID P11-194 (S506-1) TO ID A1P9.23 TO ID BUS 1 TO ID A1P15.49
FROM ID P11-164 (S506-3) FROM ID A1J9.23 FROM ID P20-2 (DMM-HI) FROM ID A1J15.49	TO ID P11-194 (S506-1) TO ID A1P9.23 TO ID BUS 1 TO ID A1P15.49 TO ID A1J8.28
FROM ID P11-164 (S506-3) FROM ID A1J9.23 FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28	TO ID P11-194 (S506-1) TO ID A1P9.23 TO ID BUS 1 TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1)
FROM ID P11-164 (S506-3) FROM ID A1J9.23 FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3)	TO ID P11-194 (S506-1) TO ID A1P9.23 TO ID BUS 1 TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13
FROM ID P11-164 (S506-3) FROM ID A1J9.23 FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28	TO ID P11-194 (S506-1) TO ID A1P9.23 TO ID BUS 1 TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1)
FROM ID P11-164 (S506-3) FROM ID A1J9.23 FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID P11-194 (S506-1) TO ID A1P9.23 TO ID BUS 1 TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P11-164 (S506-3) FROM ID A1J9.23 FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO)	TO ID P11-194 (S506-1) TO ID A1P9.23 TO ID BUS 1 TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1 TO ID A1P15.50
FROM ID P11-164 (S506-3) FROM ID A1J9.23 FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID A1J15.50	TO ID P11-194 (S506-1) TO ID A1P9.23 TO ID BUS 1 TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1 TO ID A1P15.50 TO ID A1J7.38
FROM ID P11-164 (S506-3) FROM ID A1J9.23 FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38	TO ID P11-194 (S506-1) TO ID A1P9.23 TO ID BUS 1 TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1 TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23)
FROM ID P11-164 (S506-3) FROM ID A1J9.23 FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID A1J15.50	TO ID P11-194 (S506-1) TO ID A1P9.23 TO ID BUS 1 TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1 TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23)

Date: 04 March 2016

STEP 338

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT J1.25 SHOULD BE LESS THAN 0.2VDC RELATIVE TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

SEE "APPLY IC"

FROM W1 P2-25 (UUT J1-25)	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) FROM ID A1J12.50	TO ID A1P12.50
	TO ID A1J10.3
FROM ID A1P10.3	TO ID P11-194 (S506-1)
FROM ID P11-129 (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 AlJ9.23	TO ID BUS 1
FROM ID P20-2 (DMM-HI)	TO ID A1P15.49
FROM ID A1J15.49	TO ID A1J8.28
FROM ID A1P8.28	TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3)	TO ID A1P6.13
FROM ID AlJ6.13	TO ID BUS 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID A1P7.38	TO ID P10-130 (S301-23)
FROM ID P10-229 (S301-24)	TO ID A1P7.36
FROM ID A1J7.36	TO GROUND

STEP 339

DESCRIPTION:

Date: 04 March 2016

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.35. THE OUTPUT MEASURED AT J1.25 SHOULD BE BETWEEN 27.0VDC AND 27.6VDC RELATIVE TO GROUND.

FROM W1 P2-35 (UUT J1-35)	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
FROM W1 P2-25 (UUT J1-25)	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
TROM ID AIO 9.50	10 10 000 0
FROM ID BUS 6	TO ID A1J8.50
FROM ID A1P8.50	TO ID P10-138 (S301-54)
FROM ID P10-9 (S301-53)	TO ID A1P7.26
FROM ID A1J7.26	TO ID A117.20
FROM ID A107.20 FROM ID A1P4.18	TO ID R104.18
FROM ID AIP4.16 FROM ID R108.2	TO ID R108.1
FROM ID A1J4.10	
FROM ID ALU4.IU	TO GROUND
FROM ID P12-76 (S701-1)	TO ID A1P12.50
FROM ID A1J12.50	TO ID AIJ10.3
FROM ID A1P10.3	TO ID P11-194 (S506-1)
FROM ID P11-164 (S506-3)	
FROM ID A1J9.23	TO ID AIP9.23
FROM ID A109.23	10 10 805 1
FROM ID P20-2 (DMM-HI)	TO ID A1P15.49
FROM ID A1J15.49	TO ID A1J8.28
FROM ID A1P8.28	TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3)	TO ID A1P6.13
·	
FROM ID A1J6.13	TO ID BUS 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID A1013.30	TO ID P10-130 (S301-23)
FROM ID P10-229 (S301-24)	TO ID A1P7.36
FROM ID A1J7.36	TO GROUND

Date: 04 March 2016

2.8 MODULE 4: OUTPUT SIGNALS CONTINUED

Refer to 1.4 Reference Drawings when diagnosing connection paths.

STEP 401

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT PIN J1.32 SHOULD BE GREATER THAN 27.6VDC RELATIVE TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER" SEE "APPLY IC"

FROM W1 P2-32 (UUT J1-32) TO W1 P1B-6B FROM ID J1B-6B TO ID A1J12.11 FROM ID A1P12.11 TO ID P12-22 (S201-37)

FROM ID P12-16 (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 402

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT PIN J1.32 SHOULD BE LESS THAN 0.2VDC RELATIVE TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

FROM W1 P2-32 (UUT J1-32) TO W1 P1B-6B

FROM ID J1B-6B TO ID A1J12.11 FROM ID A1P12.11 TO ID P12-22 (S201-37)

FROM ID P12-16 (S201-1) TO ID A1P12.42

Date: 04 March 2016

FROM ID AlJ12.42
FROM ID AlP10.6
FROM ID AlP10.6
FROM ID P11-77 (S508-3)
FROM ID AlJ9.15
FROM ID AlJ9.15
FROM ID AlJ9.15
FROM ID AlJ9.15
TO ID AlP9.15
FROM ID AlJ15.49
FROM ID AlJ15.49
FROM ID AlP8.28
FROM ID P10-77 (S503-3)
FROM ID AlJ6.13
FROM ID AlJ6.13
FROM ID AlJ6.13
FROM ID AlJ7.38
FROM ID AlP7.38
FROM ID AlP7.38
FROM ID P10-229 (S301-24)
FROM ID AlJ7.36

STEP 403

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT PIN J3.11 SHOULD BE BETWEEN 27 AND 28VDC RELATIVE TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER" SEE "APPLY IC"

FROM W1 P3-11 (UUT J3-11) FROM ID J1A-7E FROM ID A1P14.21	TO W1 P1A-7E TO ID A1J14.21 TO ID P13-90 (S202-26)
FROM ID P12-90 (S202-2) FROM ID A1J12.36 FROM ID A1P10.12 FROM ID P11-18 (S509-3) FROM ID A1J9.19	TO ID A1J10.12 TO ID P11-242 (S509-2)
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1J8.28 TO ID P10-203 (S503-1)
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1J7.38 TO ID P10-130 (S301-23)

STEP 404

DESCRIPTION:

Date: 04 March 2016

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT PIN J3.11 SHOULD BE LESS THAN 0.2VDC RELATIVE TO GROUND.

CONNECTION PATH IS AS FOLLOWS: SEE "UUT POWER"

FROM	W1	P3-11 (UUT J3-11)	ТО	W1	P1A-7E
FROM	ID	J1A-7E	ТО	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	ТО	ID	P11-242 (S509-2)
FROM	ID	P11-18 (S509-3)	TO	ID	A1P9.19
FROM	ID	A1J9.19	ТО	ID	BUS 1
FROM	ID	P20-2 (DMM-HI)	TO	ID	A1P15.49
FROM	ID	A1J15.49	TO	ID	A1J8.28
FROM	ID	A1P8.28	ТО	ID	P10-203 (S503-1)
FROM	ID	P10-77 (S503-3)	TO	ID	A1P6.13
FROM	ID	A1J6.13	TO	ID	BUS 1
FROM	ID	P20-3 (DMM-LO)	TO	ID	A1P15.50
FROM	ID	A1J15.50	TO	ID	A1J7.38
FROM	ID	A1P7.38	ТО	ID	P10-130 (S301-23)
FROM	ID	P10-229 (S301-24)	TO	ID	A1P7.36
FROM	ID	A1J7.36	ТО	GRO	DUND

STEP 405

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.68 WITH RESPECT TO J1.11. THE OUTPUT MEASURED AT PIN J3.11 SHOULD BE BETWEEN 27.0 AND 28.0VDC RELATIVE TO GROUND.

FROM W1 P2-68 (UUT J1-68) FROM ID J1B-5A FROM ID A1P12.13	TO W1 P1B-5A TO ID A1J12.13 TO ID P12-92 (S202-22)
FROM W1 P3-11 (UUT J3-11) FROM ID J1A-7E FROM ID A1P14.21	TO W1 P1A-7E TO ID A1J14.21 TO ID P13-90 (S202-26)
FROM ID P12-90 (S202-2) FROM ID A1J12.36 FROM ID A1P10.12 FROM ID P11-18 (S509-3) FROM ID A1J9.19	TO ID A1P12.36 TO ID A1J10.12 TO ID P11-242 (S509-2) TO ID A1P9.19 TO ID BUS 1

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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 406

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. THE VOLTAGE MEASURED AT PIN J3.7 WITH RESPECT TO GROUND SHOULD BE BETWEEN 27.0 AND 28.0VDC RELATIVE TO GROUND

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER" SEE "APPLY IC"

FROM W1 P3-7 (UUT J3-7)	
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 407

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. THE VOLTAGE MEASURED AT PIN J3.7 WITH RESPECT TO GROUND SHOULD BE LESS THAN 0.2VDC RELATIVE TO GROUND.

Date: 04 March 2016

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
		A1P14.26	ТО	ID	P13-64 (S202-50)
FROM	TD	P12-90 (S202-2)	ΤО	TD	A1P12 36
		A1J12.36			A1J10.12
					P11-242 (S509-2)
_		P11-18 (S509-3)			A1P9.19
		A1J9.19			BUS 1
11011	10	11100.10	10	10	205 1
FROM	ID	P20-2 (DMM-HI)	ТО	ID	A1P15.49
FROM	ID	A1J15.49	TO	ID	A1J8.28
FROM	ID	A1P8.28	ТО	ID	P10-203 (S503-1)
FROM	ID	P10-77 (S503-3)	ТО	ID	A1P6.13
FROM	ID	A1J6.13	TO	ID	BUS 1
FROM	ID	P20-3 (DMM-LO)	TO	ID	A1P15.50
FROM	ID	A1J15.50	TO	ID	A1J7.38
FROM	ID	A1P7.38	TO	ID	P10-130 (S301-23)
FROM	ID	P10-229 (S301-24)	TO	ID	A1P7.36
FROM	ID	A1J7.36	TO	GRO	OUND

STEP 408

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO J1.34. THE VOLTAGE MEASURED AT PIN J3.7 WITH RESPECT TO GROUND SHOULD BE BETWEEN 27.0 AND 28.0VDC RELATIVE TO GROUND.

FROM W1 P2-34 (UUT J1-34) FROM ID J1A-5F FROM ID A1P14.18	TO W1 P1A-5F TO ID A1J14.18 TO ID P13-89 (S202-18)
FROM W1 P3-7 (UUT J3-7) FROM ID J1A-9F FROM ID A1P14.26	TO W1 P1A-9F TO ID A1J14.26 TO ID P13-64 (S202-50)
FROM ID P12-90 (S202-2) FROM ID A1J12.36 FROM ID A1P10.12 FROM ID P11-18 (S509-3) FROM ID A1J9.19	TO ID A1J10.12 TO ID P11-242 (S509-2)
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3)	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13

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FROM ID A1J6.13

TO ID BUS 1

FROM ID P20-3 (DMM-LO)

FROM ID A1J15.50

FROM ID A1P7.38

FROM ID A1P7.38

FROM ID P10-229 (S301-24)

FROM ID A1J7.36

TO ID A1P7.36

FROM ID A1J7.36

TO GROUND

STEP 409

DESCRIPTION:

15.0VDC TO PIN J3.30, AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J3.10. 15.0VDC IS APPLIED TO J1.10 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. THE VOLTAGE MEASURED AT PIN J3.7 WITH RESPECT TO GROUND SHOULD BE LESS THAN 0.2VDC RELATIVE 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	ТО	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	ТО	ID	BUS 1
FROM	ID	P20-2 (DMM-HI)	TO	ID	A1P15.49
FROM	ID	A1J15.49	ТО	ID	A1J8.28
FROM	ID	A1P8.28	ТО	ID	P10-203 (S503-1)
FROM	ID	P10-77 (S503-3)	ТО	ID	A1P6.13
FROM	ID	A1J6.13	ТО	ID	BUS 1
FROM	ID	P20-3 (DMM-LO)	ТО	ID	A1P15.50
FROM	ID	A1J15.50	ТО	ID	A1J7.38
FROM	ID	A1P7.38	ТО	ID	P10-130 (S301-23)
FROM	ID	P10-229 (S301-24)	ТО	ID	A1P7.36
FROM	ID	A1J7.36	ТО	GRO	OUND

STEP 410

DESCRIPTION:

15.0VDC TO PIN J3.30, AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J3.10. 15.0VDC IS APPLIED TO J1.10 WITH RESPECT TO J1.11.
28.0VDC IS APPLIED TO PINS J3.6 AND J3.8 WITH RESPECT TO J1.11. THE VOLTAGE MEASURED AT PIN J3.7 WITH RESPECT TO GROUND SHOULD BE BETWEEN 27.0 AND 28.0VDC RELATIVE TO GROUND.

Date: 04 March 2016

FROM	W1	P3-8 (UUT J3-8)	ТО	W1	P1A-2D
FROM	ID	J1A-2D	TO	ID	A1J14.8
FROM	ID	A1P14.9	ТО	ID	P13-50 (S201-25)
FROM	ID	P12-20 (S201-3)	то	ID	A1P12.46
FROM	ID	A1J12.46	TO	ID	A1J10.2
FROM	ID	A1P10.2	ТО	ID	P11-39 (S507-1)
FROM	ID	P11-72 (S507-4)	ТО	ID	A1P9.27
FROM	ID	A1J9.27	ТО	ID	BUS 2
FROM	W1	P3-7 (UUT J3-7)	то	W1	P1A-9F
		J1A-9F	ТО	ID	A1J14.26
FROM	TD	A1P14.26	ΤО	TD	P13-64 (S202-50)
					110 01 (2101 00)
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	ТО	ID	BUS 1
ED OM	TD	P20-2 (DMM-HI)	т∩	TD	A1P15.49
		A1J15.49	_		A1J8.28
		A1P8.28			P10-203 (S503-1)
_		P10-77 (S503-3)			A1P6.13
		AlJ6.13	_		BUS 1
FROM	עד	A100.13	10	ΙD	DOD 1
FROM	ID	P20-3 (DMM-LO)	ТО	ID	A1P15.50
FROM	ID	A1J15.50	ТО	ID	A1J7.38
FROM	ID	A1P7.38	ТО	ID	P10-130 (S301-23)
FROM	ID	P10-229 (S301-24)	ТО	ID	A1P7.36
FROM	ID	A1J7.36	ТО	GRO	DUND

STEP 411

DESCRIPTION:

15.0VDC TO PIN J3.30, AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J3.10. 15.0VDC IS APPLIED TO J1.10 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. THE VOLTAGE MEASURED AT PIN J3.7 WITH RESPECT TO GROUND SHOULD BE LESS THAN 0.2VDC RELATIVE TO GROUND.

FROM	W1	P3-7 (UUT J3-7)	ТО	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

Date: 04 March 2016

FROM ID	D P20-2 (DMM-HI)	TO	ID A1P15.49
FROM ID	A1J15.49	TO	ID A1J8.28
FROM ID	A1P8.28	TO	ID P10-203 (S503-1)
FROM ID	P10-77 (S503-3)	TO	ID A1P6.13
FROM ID	A1J6.13	TO	ID BUS 1
FROM ID	P20-3 (DMM-LO)	TO	ID A1P15.50
FROM ID	A1J15.50	TO	ID A1J7.38
FROM ID	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

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

STEP 501

DESCRIPTION:

CONNECTION PATH IS AS FOLLOWS:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. -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 IF NEEDED.

```
SEE "UUT POWER"
SEE "APPLY IC"

FROM W1 P2-40 (UUT J1-40) 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 J1-39) 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 A1P9.6
FROM ID P11-146 (S509-10) TO ID A1P9.6
FROM ID A1J9.6
```

Date: 04 March 2016

FROM ID A	1J1.5 1P7.16 10-98 (S301-11)	TO TO TO	ID ID ID	A1P1.5 A1J7.16 P10-163 (S301-12) A1P7.32 UND
FROM ID A	1J1.13 1P7.14 10-198 (S301-30)	TO TO TO	ID ID ID	A1P1.13 A1J7.14 P10-197 (S301-29) A1P6.24 BUS 7
FROM W1 P1 FROM ID J1 FROM ID A1		TO	ID	P1A-7F A1J14.22 P13-92 (S202-34)
FROM ID A	1P10.12 11-211 (S509-9)	TO TO TO	ID ID ID	A1J10.12 P11-242 (S509-2)
FROM W1 P: FROM ID J: FROM ID A:	1A-7F	то	ID	P1A-7F A1J14.22 P13-92 (S202-34)
FROM ID A	1P10.12 11-18 (S509-3)	TO TO TO	ID ID ID	A1P12.36 A1J10.12 P11-242 (S509-2) A1P9.19 BUS 1
FROM ID A	1J15.49 1P8.28 10-77 (S503-3)	TO TO TO	ID ID ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
FROM ID A	1J15.50 1P7.38 10-229 (S301-24)	TO TO TO	ID ID ID	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36 UND

STEP 502

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. -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:

Date: 04 March 2016

SEE "UUT POWER"

522 551 15,121	
FROM W1 P2-40 (UUT J1-40)	TO W1 D1X-1F
FDOM TO TIN 1F	TO TO 111/1/11
FROM ID A1P14.11	TO ID P13-51 (S201-28)
FROM ID AIPI4.II	10 1D P13-51 (S201-28)
FROM ID P12-80 (S201-2)	TO ID A1P12.40
FROM ID A1J12.40	TO ID A1J10.8
FROM ID A1P10.8	TO ID P11-139 (S508-2)
FROM ID P11-205 (S508-10)	
FROM ID A1J9.2	TO ID BUS 8
EDOM 141 DO 20 /199E T1 20)	EO 141 D12 1E
FROM W1 P2-39 (UUT J1-39)	
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 MI DIN OF
FROM ID J1A-8E FROM ID A1P14.23	TO ID A1J14.23
FROM ID A1P14.23	TO ID P13-91 (S202-35)
FROM ID P12-59 (S202-1)	TO ID \$1012 38
FROM ID A1J12.38	TO ID A1J10.10
FROM ID A1P10.10	TO ID P11-177 (S509-1)
FROM ID P11-146 (S509-10)	
FROM ID A1J9.6	TO ID BUS 8
FROM ID P1-26 (DC9-LO)	TO ID 31D1 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)	
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 A101.13	
	TO ID P10-197 (S301-29)
FROM ID P10-198 (S301-30)	
FROM ID A1J6.24	TO ID BUS 7
FROM W1 P3-24 (UUT J3-24)	TO W1 D1A-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)
11(011 12 1111 13 , 2 1	10 10 112 13 (0/01 11)
FROM ID P12-44 (S701-2)	TO ID A1P12.48
FROM ID A1J12.48	TO ID AlJ10.1
11.01.1 10 1110 12.10	10 10 1110 10 . 1

Date: 04 March 2016

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

STEP 503

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. -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.

FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11	
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2
FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	
FROM W1 P3-25 (UUT J3-25) FROM ID J1A-8E FROM ID A1P14.23	
FROM ID P12-59 (S202-1) FROM ID A1J12.38 FROM ID A1P10.10 FROM ID P11-146 (S509-10) FROM ID A1J9.6	
FROM ID P1-26 (DC9-LO) FROM ID A1J1.5	

Date: 04 March 2016

FROM ID A1P7.16 FROM ID P10-98 (S3 FROM ID A1J7.32	301-11) TO	ID P10-163 ID A1P7.32 GROUND	(S301-12)
FROM ID P1-25 (DC9 FROM ID A1J1.13 FROM ID A1P7.14 FROM ID P10-198 (SFROM ID A1J6.24	TO TO TO TO	ID A1J7.14 ID P10-197	(S301-29)
FROM W1 P3-24 (UUT FROM ID J1A-7F FROM ID A1P14.22	тО	W1 P1A-7F ID A1J14.22 ID P13-92	
FROM ID P12-90 (S2 FROM ID A1J12.36 FROM ID A1P10.12 FROM ID P11-211 (SFROM ID A1J9.16	TO TO 5509-9) TO	ID A1010.12 ID P11-242	4
FROM W1 P3-19 (UUT FROM ID J1B-9F FROM ID A1P13.24	TO	W1 P1B-9F ID A1J13.24 ID P12-43	
FROM ID P12-44 (S7 FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (SFROM ID A1J9.23	TO TO 5506-3) TO	ID A1J10.1 ID P11-162	(S506-2)
FROM ID P20-2 (DMN FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (SEFROM ID A1J6.13	TO TO 503-3) TO	ID A1P15.49 ID A1J8.28 ID P10-203 ID A1P6.13 ID BUS 1	
FROM ID P20-3 (DMN FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (SFROM ID A1J7.36	TO TO TO TO	ID A1J7.38 ID P10-130	

STEP 504

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. -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:

Date: 04 March 2016

SEE "UUT POWER"

FROM W1	P2-40 (UUT J1-40)	TO W1 P1A-1F
		TO ID A1J14.11
FROM ID	J1A-1F A1P14.11	TO ID P13-51 (S201-28)
111011 12	1111 1 1 1 1 1 1	10 12 113 31 (8201 20)
EDOM TE	P12-80 (S201-2)	TO ID A1P12.40
	A1J12.40	TO ID A1J10.8
	A1P10.8	TO ID P11-139 (S508-2)
	P11-205 (S508-10)	
FROM ID	A1J9.2	TO ID BUS 8
	-0.20 (1.20)	
	P2-39 (UUT J1-39)	
	J1A-1E	TO ID A1J14.9
FROM ID	A1P14.9	TO ID P13-17 (S201-26)
	P3-25 (UUT J3-25)	
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)
	P11-146 (S509-10)	
	A1J9.6	TO ID BUS 8
TROP ID	11100.0	10 10 200 0
FROM ID	P1-26 (DC9-LO)	TO ID A1P1.5
	A1J1.5	TO ID A1J7.16
	A1P7.16	TO ID P10-163 (S301-12)
	P10-98 (S301-11)	
FROM IL	A1J7.32	TO GROUND
EDOM TE	P1-25 (DC9-HI)	TO ID A1P1.13
	A1J1.13	TO ID A1J7.14
	A1P7.14	TO ID P10-197 (S301-29)
	P10-198 (S301-30)	
FROM ID	A1J6.24	TO ID BUS 7
EDOM 511	D2 04 /IIII T2 04)	EO 111 D12 75
	P3-24 (UUT J3-24)	
	J1A-7F	TO ID A1J14.22
FROM ID	A1P14.22	TO ID P13-92 (S202-34)
ED 017	D10 00 (G000 0)	mo TD 31D10 36
	P12-90 (S202-2)	TO ID A1P12.36
	A1J12.36	TO ID A1J10.12
	A1P10.12	TO ID P11-242 (S509-2)
	P11-211 (S509-9)	TO ID A1P9.16
FROM ID	A1J9.16	TO ID BUS 7
	P12-90 (S202-2)	TO ID A1P12.36
	A1J12.36	TO ID A1J10.12
	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

Date: 04 March 2016

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

FROM ID P20-3 (DMM-LO) TO ID A1P15.50
FROM ID A1J15.50 TO ID A1J7.38
FROM ID A1P7.38 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 PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. -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 J1-40)
FROM ID J1A-1F
FROM ID J1A-1F
FROM ID A1P14.11

FROM ID P12-80 (S201-2)
FROM ID A1J12.40
FROM ID A1P10.8
FROM ID P11-205 (S508-10)
FROM ID A1J9.2

FROM ID A1J9.2

FROM W1 P2-39 (UUT J1-39)
FROM ID J1A-1E
FROM ID J1A-1E
FROM ID J1A-8
FROM ID J1A-9

FROM ID A1P14.23

FROM ID A1P14.23

FROM ID A1J12.38
FROM ID A1J12.30
FROM ID A1J12.30
FROM ID A1J12.5
FROM ID A1J12.5
FROM ID A1J13.5
FROM ID A1J7.16
FROM ID A1J7.16
FROM ID A1J7.32
FROM ID A1J7.32
FROM ID A1J7.32
FROM ID A1J7.32

Date: 04 March 2016

FROM	ID	P1-25 (DC9-HI)	то	ID	A1P1.13
FROM	ID	A1J1.13	ТО	ID	A1J7.14
FROM	ID	A1P7.14	ТО	ID	P10-197 (S301-29)
FROM	ID	P10-198 (S301-30)	ТО	ID	A1P6.24
FROM	ID	A1J6.24	ТО	ID	BUS 7
FROM	W1	P3-24 (UUT J3-24)	TO	W1	P1A-7F
FROM	ID	J1A-7F			A1J14.22
FROM	ID	A1P14.22	TO	ID	P13-92 (S202-34)
		P12-90 (S202-2)			
		A1J12.36			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
		-2 10 (2 10)			-1- 0-
		P3-19 (UUT J3-19)			
FROM	TD	J1B-9F			A1J13.24
F'ROM	TD	J1B-9F A1P13.24	TO	TD	P12-43 (S701-44)
		P12-44 (S701-2)	ТΟ	TD	A1P12.48
		A1J12.48			A1J10.1
		A1P10.1			P11-162 (S506-2)
		P11-164 (S506-3)	TΩ	TD	Δ1D9 23
		A1J9.23	TO	TD	BUS 1
11011	10	11100.20	10		D00 1
FROM	ID	P20-2 (DMM-HI)	то	ID	A1P15.49
		A1J15.49			A1J8.28
FROM	ID	A1P8.28	ТО	ID	P10-203 (S503-1)
FROM	ID	P10-77 (S503-3)	ТО	ID	A1P6.13
		A1J6.13			BUS 1
		P20-3 (DMM-LO)	ТО	ID	A1P15.50
FROM	ID	A1J15.50	TO	ID	A1J7.38
					P10-130 (S301-23)
		P10-229 (S301-24)	TO	ID	A1P7.36
FROM	ID	A1J7.36	TO	GRO	DUND

STEP 506

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. -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 J1-40) TO W1 P1A-1F FROM ID J1A-1F TO ID A1J14.11

Date: 04 March 2016

FROM I	ID	A1P14.11	ТО	ID	P13-51 (S201-28)
EDOM .	TD	P12-80 (S201-2)	ТΟ	TD	71D12 40
		A1J12.40			A1J10.8
		A1P10.8			P11-139 (S508-2)
		P11-205 (S508-10)			
FROM I	ID	A1J9.2	ТО	ID	BUS 8
		P2-39 (UUT J1-39)			P1A-1E
		J1A-1E			A1J14.9
FROM 1	ID	A1P14.9	ТО	ID	P13-17 (S201-26)
		P3-25 (UUT J3-25)			P1A-8E
		J1A-8E			A1J14.23
FROM 1	ID	A1P14.23	ТО	ID	P13-91 (S202-35)
		P12-59 (S202-1)			A1P12.38
FROM	ID	A1J12.38			A1J10.10
		A1P10.10			P11-177 (S509-1)
FROM	ID	P11-146 (S509-10)	TO	ID	A1P9.6
FROM 3	ID	A1J9.6	ТО	ID	BUS 8
FROM :	ID	P1-26 (DC9-LO)	то	ID	A1P1.5
FROM :	ID	A1J1.5	ТО	ID	A1J7.16
FROM	ID	A1P7.16	ТО	ID	P10-163 (S301-12)
FROM	ID	P10-98 (S301-11)			
		A1J7.32			DUND
FROM I	ID	P1-25 (DC9-HI)	то	ID	A1P1.13
		A1J1.13		ID	A1J7.14
		A1P7.14			P10-197 (S301-29)
		P10-198 (S301-30)			A1P6.24
		A1J6.24			BUS 7
		P3-24 (UUT J3-24)			
FROM I	ID	J1A-7F			A1J14.22
FROM I	ID	A1P14.22	ТО	ID	P13-92 (S202-34)
		P12-90 (S202-2)			A1P12.36
		A1J12.36			A1J10.12
		A1P10.12			P11-242 (S509-2)
FROM :	ID	P11-211 (S509-9)	TO	ID	A1P9.16
FROM :	ID	A1J9.16	TO	ID	BUS 7
FROM I	ID	P12-90 (S202-2)	то	ID	A1P12.36
FROM :	ID	A1J12.36	ТО	ID	A1J10.12
FROM 3	ID	A1P10.12	TO	ID	P11-242 (S509-2)
FROM :	ID	P11-18 (S509-3)	ТО	ID	A1P9.19
FROM :	ID	A1J9.19			BUS 1
FROM :	ID	P20-2 (DMM-HI)	то	ID	A1P15.49
		A1J15.49	ТО	ID	A1J8.28
		A1P8.28			P10-203 (S503-1)
		P10-77 (S503-3)			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 A1J15.50

FROM ID A1J15.50

FROM ID A1P7.38

FROM ID P10-229 (S301-24)

FROM ID A1J7.36

FROM ID A1J7.36

TO ID A1F15.50

TO ID A1F15.30

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 J1-40) 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 J1-39) 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 PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. 0.0VDC IS APPLIED TO J3.24. PINS J1.39, J3.22 AND J3.25 ARE SHORTED TO GROUND. THE OUTPUT MEASURED AT PIN J3.19 SHOULD BE LESS THAN 0.5VDC RELATIVE TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

SEE "APPLY IC"

FROM W1 P2-39 (UUT J1-39) TO W1 P1A-1E FROM ID J1A-1E TO ID A1J14.9 FROM ID A1P14.9 TO ID P13-17 (S201-26)

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

TO ID BUS 8 FROM ID A1J9.2

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FROM W1	P3-22 (UUT J3-22) J1A-3E A1P14.13	TO W1 P1A-3E TO ID A1J14.13 TO ID P13-19 (S201-34)
FROM W1	P3-25 (UUT J3-25) J1A-8E A1P14.23	
FROM ID FROM ID FROM ID FROM ID	P12-59 (S202-1) A1J12.38 A1P10.10 P11-146 (S509-10) A1J9.6	TO ID A1J10.10 TO ID P11-177 (S509-1)
FROM ID FROM ID FROM ID FROM ID	P1-26 (DC9-LO) A1J1.5 A1P7.16 P10-98 (S301-11) A1J7.32	TO ID A1P1.5 TO ID A1J7.16 TO ID P10-163 (S301-12)
FROM ID FROM ID FROM ID	P1-25 (DC9-HI) A1J1.13 A1P7.14 P10-198 (S301-30) A1J6.24	TO ID A1J7.14 TO ID P10-197 (S301-29)
FROM ID	P3-24 (UUT J3-24) J1A-7F A1P14.22	TO W1 P1A-7F TO ID A1J14.22 TO ID P13-92 (S202-34)
FROM ID FROM ID FROM ID	P12-90 (S202-2) A1J12.36 A1P10.12 P11-211 (S509-9) A1J9.16	TO ID A1P12.36 TO ID A1J10.12 TO ID P11-242 (S509-2) TO ID A1P9.16 TO ID BUS 7
FROM ID	P3-19 (UUT J3-19) J1B-9F A1P13.24	TO W1 P1B-9F TO ID A1J13.24 TO ID P12-43 (S701-44)
FROM ID FROM ID FROM ID	P12-44 (S701-2) A1J12.48 A1P10.1 P11-164 (S506-3) A1J9.23	TO ID A1P12.48 TO ID A1J10.1 TO ID P11-162 (S506-2) TO ID A1P9.23 TO ID BUS 1
FROM ID FROM ID FROM ID	P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
	P20-3 (DMM-LO) A1J15.50	TO ID A1P15.50 TO ID A1J7.38

Date: 04 March 2016

FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36 TO GROUND

STEP 509

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. +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 IF NEEDED.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

FROM	W1	P2-39 (UUT J1-39)	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

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 (5

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

TO GROUND FROM ID A1J7.32

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

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FROM ID A1P14.22	TO ID P13-92 (S202-34)
FROM ID P12-90 (S202-2) FROM ID A1J12.36 FROM ID A1P10.12 FROM ID P11-211 (S509-9) FROM ID A1J9.16	TO ID A1J10.12 TO ID P11-242 (S509-2)
FROM ID P12-90 (S202-2) FROM ID A1J12.36 FROM ID A1P10.12 FROM ID P11-18 (S509-3) FROM ID A1J9.19	TO ID A1J10.12 TO ID P11-242 (S509-2)
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1J8.28 TO ID P10-203 (S503-1)
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1J7.38 TO ID P10-130 (S301-23)

STEP 510

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. +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 J1-39)
FROM ID J1A-1E
FROM ID J1A-1E
TO ID A1J14.9
FROM ID A1P14.9

FROM ID P12-80 (S201-2)
FROM ID A1J12.40
FROM ID A1J12.40
FROM ID A1P10.8
FROM ID P11-205 (S508-10)
FROM ID A1J9.2

FROM ID A1J9.2

FROM W1 P3-22 (UUT J3-22)
TO W1 P1A-3E

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

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770W 77 713 07	TO TO 31 71 4 02
FROM ID J1A-8E FROM ID A1P14.23	TO ID A1J14.23 TO ID P13-91 (S202-35)
FROM ID AIP14.23	10 1D 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)	
FROM ID AlJ9.6	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)	
FROM ID AlJ1.13	TO ID A1J7.14
FROM ID A1P7.14	TO ID P10-197 (S301-29)
FROM ID P10-198 (S301-30)	
FROM ID A1J6.24	TO ID BUS 7
FROM W1 P3-24 (UUT J3-24)	TO M1 D13 7E
FROM ID J1A-7F	TO ID A1J14.22
FROM ID GIA-7F FROM ID A1P14.22	TO ID P13-92 (S202-34)
FROM ID AIPI4.22	10 1D P13-92 (3202-34)
FROM ID P12-90 (S202-2)	TO ID A1P12.36
FROM ID AlJ12.36	TO ID AlJ10.12
FROM ID A1P10.12	TO ID P11-242 (S509-2)
FROM ID P11-211 (S509-9)	
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)	
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
EDOM ID DOO 2 (DMM III)	TO ID 31D1E 40
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49	TO ID A1P15.49 TO ID A1J8.28
FROM ID A1015.49 FROM ID A1P8.28	TO ID AIU8.28 TO ID P10-203 (S503-1)
FROM ID AIP8.28 FROM ID P10-77 (S503-3)	TO ID P10-203 (S503-1) TO ID A1P6.13
FROM ID A1J6.13	TO ID BUS 1
PROPERTY ALOU. 13	10 TO 000 T
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A117.38
FROM ID A1P7.38	TO ID P10-130 (S301-23)
FROM ID P10-229 (S301-24)	TO ID A1P7.36
FROM ID A1J7.36	TO GROUND

Date: 04 March 2016

STEP 511

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. +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.

FROM ID	P2-39 (UUT J1-39) J1A-1E A1P14.9	TO I	71 P1A-1E TD A1J14.9 TD P13-17 (S201-26)
FROM ID FROM ID	P12-80 (S201-2) A1J12.40 A1P10.8 P11-205 (S508-10) A1J9.2	TO I	D P11-139 (S508-2)
FROM ID	P3-22 (UUT J3-22) J1A-3E A1P14.13	TO I	71 P1A-3E TD A1J14.13 TD P13-19 (S201-34)
FROM ID	P3-25 (UUT J3-25) J1A-8E A1P14.23	TO I	71 P1A-8E D A1J14.23 D P13-91 (S202-35)
FROM ID FROM ID	P12-59 (S202-1) A1J12.38 A1P10.10 P11-146 (S509-10) A1J9.6	TO I	D P11-177 (S509-1)
FROM ID FROM ID FROM ID		TO I TO I	D A1J7.16 D P10-163 (S301-12)
FROM ID FROM ID FROM ID	P1-25 (DC9-HI) A1J1.13 A1P7.14 P10-198 (S301-30) A1J6.24	TO I TO I	D A1P1.13 D A1J7.14 D P10-197 (S301-29) D A1P6.24 D BUS 7
FROM ID FROM ID	A1P14.22	TO I	D A1J14.22 D P13-92 (S202-34)
FROM ID	P12-90 (S202-2)	TO I	D A1P12.36

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FROM ID A1J12.36 FROM ID A1P10.12 FROM ID P11-211 (S509-9) FROM ID A1J9.16	TO ID A1J10.12 TO ID P11-242 (S509-2) TO ID A1P9.16 TO ID BUS 7
FROM W1 P3-19 (UUT J3-19) FROM ID J1B-9F FROM ID A1P13.24	TO W1 P1B-9F TO ID A1J13.24 TO ID P12-43 (S701-44)
FROM ID P12-44 (S701-2) FROM ID A1J12.48 FROM ID A1P10.1 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1J10.1 TO ID P11-162 (S506-2)
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1J8.28 TO ID P10-203 (S503-1)
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1J7.38 TO ID P10-130 (S301-23)

STEP 512

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67AND J3.6 WITH RESPECT TO J1.11. +1.2 +/-0.02VDC IS APPLIED TO J3.24. PINS J1.39 J1.40 AND J3.25 ARE SHORTED TO GROUND. INCREASE THE VOLTAGE AT J3.24 UNTIL VOLTAGE AT J3.19 CHANGES TO A MINIMUM OF 13.0VDC. THE VOLTAGE MEASURED AT J3.24 SHALL BE BETWEEN 1.485VDC AND 1.685VDC WITH RESPECT TO GROUND.

FROM	ID	P2-39 (UUT J1-39) J1A-1E A1P14.9	ТО	ID	P1A-1E A1J14.9 P13-17 (S201-26)
FROM FROM FROM	ID ID ID	P12-80 (S201-2) A1J12.40 A1P10.8 P11-205 (S508-10) A1J9.2	TO TO TO	ID ID ID	A1P12.40 A1J10.8 P11-139 (S508-2) A1P9.2 BUS 8
FROM	ID	P3-22 (UUT J3-22) J1A-3E A1P14.13	ТО	ID	P1A-3E A1J14.13 P13-19 (S201-34)

Date: 04 March 2016

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)
11011 12 1111 1110	10 12 110 91 (2101 00)
FROM ID P12-59 (S202-1)	TO ID A1P12.38
FROM ID AlJ12.38	TO ID A1J10.10
FROM ID A1P10.10	TO ID P11-177 (S509-1)
FROM ID P11-146 (S509-10)	
FROM ID A1J9.6	TO ID BUS 8
FROM ID A109.0	10 10 805 0
FROM ID P1-26 (DC9-LO)	TO ID A1P1.5
FROM ID AlJ1.5	TO ID A1J7.16
FROM ID A1P7.16	TO ID P10-163 (S301-12)
FROM ID P10-98 (S301-11)	
FROM ID A1J7.32	TO GROUND
FROM ID AIO 1.52	10 GROOND
FROM ID P1-25 (DC9-HI)	TO ID A1P1.13
FROM ID AlJ1.13	TO ID A117.14
FROM ID A1P7.14	TO ID P10-197 (S301-29)
FROM ID P10-198 (S301-30)	
FROM ID A1J6.24	TO ID BUS 7
FROM ID A100.24	10 10 605 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)
TROM ID MITTI-22	10 15 113 52 (5202 31)
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)	
FROM ID A1J9.16	TO ID BUS 7
PROM ID A109.10	10 10 005 7
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)	
FROM ID A1J9.19	TO ID BUS 1
FROM ID A109.19	10 10 005 1
FROM ID P20-2 (DMM-HI)	TO ID A1P15.49
FROM ID A1J15.49	TO ID A1J8.28
FROM ID A1013.49	TO ID P10-203 (S503-1)
FROM ID A170.26 FROM ID P10-77 (S503-3)	TO ID A1P6.13
FROM ID A1J6.13	TO ID BUS 1
FROM ID ALOU.13	10 10 000 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID F20-3 (DMM-LO) FROM ID A1J15.50	TO ID A1P15.30
FROM ID A1013.30 FROM ID A107.38	TO ID P10-130 (S301-23)
FROM ID AIP7.38 FROM ID P10-229 (S301-24)	TO ID A1P7.36
FROM ID P10-229 (5301-24) FROM ID A1J7.36	TO GROUND
IRON ID AIO/.30	10 GIOOIND

STEP 513

DESCRIPTION:

Date: 04 March 2016

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67 AND J3.6 WITH RESPECT TO J1.11. DECREASE THE VOLTAGE AT J3.24 UNTIL VOLTAGE AT J3.19 CHANGES TO LESS THAN 0.5VDC WITH RESPECT TO GROUND.

FROM	W1	P2-39 (UUT J1-39)	то	W1	P1A-1E
FROM	ID	J1A-1E	ТО		A1J14.9
FROM	ID	J1A-1E A1P14.9	TO		P13-17 (S201-26)
					,
FROM	ID	P12-80 (S201-2)	то	ID	A1P12.40
		A1J12.40			A1J10.8
FROM	ID	A1P10.8	ТО	ID	P11-139 (S508-2)
FROM	ID	P11-205 (S508-10)	ТО	ID	A1P9.2
		A1J9.2			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)
		P12-59 (S202-1)			
		A1J12.38	TO	ID	A1J10.10
		A1P10.10			P11-177 (S509-1)
FROM	ID	P11-146 (S509-10)	TO	ID	A1P9.6
FROM	ID	A1J9.6	TO	ID	BUS 8
		P1-26 (DC9-LO)			A1P1.5
		A1J1.5			A1J7.16
		A1P7.16			P10-163 (S301-12)
FROM	ID	P10-98 (S301-11)	TO	ID	A1P7.32
FROM	ID	A1J7.32	TO	GRO	DUND
		P1-25 (DC9-HI)			A1P1.13
		A1J1.13			A1J7.14
		A1P7.14			P10-197 (S301-29)
		P10-198 (S301-30)			A1P6.24
FROM	ID	A1J6.24	TO	ID	BUS 7
		P3-24 (UUT J3-24)			
		J1A-7F			A1J14.22
FROM	ID	A1P14.22	ТО	ID	P13-92 (S202-34)
	TD	D12 00 (G202 2)	ШΩ	TD	71D10 26
		P12-90 (S202-2)			A1P12.36
		A1J12.36			A1J10.12
		A1P10.12			P11-242 (S509-2)
		P11-211 (S509-9)			A1P9.16
FROM	ID	A1J9.16	TO	ID	BUS 7

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

STEP 514

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.67, AND J3.6 WITH RESPECT TO J1.11. 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.

FROM W1 P2-39 (UUT J1-39)	TO W1 P1A-1E
FROM ID J1A-1E	TO ID A1J14.9
FROM ID Alp14.9	TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2)	
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 Alp14.13	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

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```
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 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 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.

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FROM W1 P2-39 (UUT J1-39)	TO W1 P1A-1E
FROM ID J1A-1E	TO ID A1J14.9
FROM ID GIA-IE FROM ID A1P14.9	TO ID P13-17 (S201-26)
FROM ID AIP14.9	10 1D P13-17 (S201-20)
TROM TR R10 00 / G001 0)	mo TD 71D10 40
FROM ID P12-80 (S201-2)	
FROM ID A1J12.40	TO ID A1J10.8
FROM ID A1P10.8	TO ID P11-139 (S508-2)
FROM ID P11-205 (S508-10)	TO ID A1P9.2
FROM ID A1J9.2	TO ID BUS 8
FROM W1 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 AlJ12.38	TO ID A1J10.10
FROM ID A1P10.10	TO ID P11-177 (S509-1)
FROM ID P11-146 (S509-10)	
FROM ID A1J9.6	TO ID BUS 8
FROM ID A109.0	10 10 803 6
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)	
FROM ID A1J7.32	
FROM ID ALU7.32	TO GROUND
FROM ID P1-25 (DC9-HI)	TO ID A1P1.13
FROM ID A1J1.13	TO ID A1J7.14
FROM ID A101.13	TO ID P10-197 (S301-29)
FROM ID P10-198 (S301-30)	
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 GIA-7F FROM ID A1P14.22	TO ID P13-92 (S202-34)
FROM ID AIP14.22	10 1D P13-92 (S202-34)
FROM ID P12-90 (S202-2)	TO ID A1P12.36
FROM ID A1J12.36	TO ID A1F12.30 TO ID A1J10.12
FROM ID A1012.30 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 ID P12-90 (S202-2)	TO ID A1P12.36
FROM ID A1J12.36	TO ID A1F12.30
FROM ID A1012.36 FROM ID A1P10.12	TO ID P11-242 (S509-2)
FROM ID P11-18 (S509-3)	
FROM ID A1J9.19	TO ID BUS 1
FROM ID P20-2 (DMM-HI)	TO ID A1P15.49
FROM ID A1J15.49	
	TO ID A1J8.28

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FROM ID A1P8.28
FROM ID P10-77 (S503-3)
FROM ID A1J6.13
FROM ID A1J6.13
TO ID A1P6.13
TO ID BUS 1

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

STEP 516

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34 AND J3.16. THE FREQUENCY AT PIN J3.3 SHOULD BE BETWEEN .5 AND 13 HZ.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER" SEE "APPLY IC"

FROM W1 P2-34 (UUT J1-34)
FROM ID J1A-5F
FROM ID J1A-5F
FROM ID A1P14.18

FROM W1 P3-16 (UUT J3-16)
FROM W1 P3-16 (UUT J3-16)
FROM ID J1B-6C
FROM ID A1P12.12

FROM ID A1P12.12

FROM ID A1P12.12

FROM ID P12-20 (S201-3)
FROM ID A1J12.46
FROM ID A1J12.46
FROM ID A1P10.2
FROM ID P11-72 (S507-4)
FROM ID A1J9.27

FROM ID J1A-5B
FROM ID J1A-5B
FROM ID J1A-5B
FROM ID A1P15.8

FROM ID A1P15.8

FROM ID P12-76 (S701-1)
FROM ID A1J12.50
FROM ID A1J10.3
FROM ID A1J10.4
FROM ID A1J1

Date: 04 March 2016

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 517

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.34. SHORT J2.39 TO GROUND. THE FREQUENCY AT PIN J3.3 SHOULD BE BETWEEN .5 AND 13 HZ.

	P2-34 (UUT J1-34) J1A-5F A1P14.18	TO ID	P1A-5F A1J14.18 P13-89 (S202-18)
FROM ID	P2-39 (UUT J1-39) J1A-1E A1P14.9	TO ID	P1A-1E A1J14.9 P13-17 (S201-26)
FROM ID FROM ID	P12-80 (S201-2) A1J12.40 A1P10.8 P11-205 (S508-10) A1J9.2	TO ID TO ID TO ID	A1J10.8 P11-139 (S508-2)
FROM ID	P3-3 (UUT J3-3) J1A-5B A1P15.8	TO ID	P1A-5B A1J15.8 P13-42 (S701-23)
FROM ID FROM ID	P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30	TO ID TO ID TO ID	A1J10.3 P11-194 (S506-1)
FROM ID	A1P8.48 P10-42 (S301-49) A1J7.24 A1P4.16 R109.2	TO ID TO ID TO ID TO ID	A1J8.48 P10-171 (S301-50) A1P7.24 A1J4.16 R109.1 A1P4.9

Date: 04 March 2016

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 518

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.34. SHORT J2.39 AND J3.22 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 P3-22 (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 J1-34) TO W1 P1A-5F FROM ID J1A-5F TO ID A1J14.18 FROM WI P2-34 (662 2)
FROM ID J1A-5F TO ID A1J14.18
TO ID P13-89 (S202-18) FROM W1 P2-39 (UUT J1-39) 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,
FROM ID A1J12.40 TO ID A1J10.8
FROM ID A1P10.8 TO ID P11-139 (S508-2)
FROM ID P11-205 (S508-10) TO ID A1P9.2
TO ID BUS 8 FROM ID P12-80 (S201-2) TO ID A1P12.40 FROM W1 P3-3 (UUT J3-3) TO W1 P1A-5B FROM ID J1A-5B TO ID A1J15.8 FROM ID J1A-5B 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

TO ID BIIS 6 FROM ID A1J9.30 TO ID BUS 6 FROM ID BUS 6 FROM ID A1P8.48 TO ID A1J8.48 TO ID P10-171 (S301-50)

Date: 04 March 2016

FROM	ID	P10-42 (S301-49)	TO	ID A1P7.24
		A1J7.24		ID A1J4.16
		A1P4.16		ID R109.1
_		R109.2		ID A1P4.9
_		A1J4.9	_	+28V
ricon	דב	A10 1. 9	10	1200
FROM	ID	P12-76 (S701-1)	ТО	ID A1P12.50
		A1J12.50		ID A1J10.3
		A1P10.3		ID P11-194 (S506-1)
_		P11-164 (S506-3)		
		A1J9.23		ID BUS 1
111011		11100.20	-0	10 000 1
FROM	ID	P20-2 (DMM-HI)	ТО	ID A1P15.49
FROM	ID	A1J15.49	ТО	ID A1J8.28
FROM	ID	A1P8.28	ТО	ID P10-203 (S503-1)
FROM	ID	P10-77 (S503-3)		
		A1J6.13		ID BUS 1
			_	
FROM	ID	P20-3 (DMM-LO)	ТО	ID A1P15.50
		A1J15.50		ID A1J7.38
FROM	ID	A1P7.38	ТО	ID P10-130 (S301-23)
FROM	ID	P10-229 (S301-24)		
		A1J7.36		GROUND
	_		_	

STEP 519

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.34. SHORT J1.39, J3.22, AND J1.40 TO GROUND. THE VOLTAGE MEASURED AT PIN J3.3 SHOULD BE LESS THAN 0.9VDC WITH RESPECT TO GROUND.

FROM ID	P2-40 (UUT J1-40) J1A-1F A1P14.11	TO	ID	
FROM ID		TO	ID	P1A-3E A1J14.13 P13-19 (S201-34)
FROM ID	P2-34 (UUT J1-34) J1A-5F A1P14.18	TO	ID	P1A-5F A1J14.18 P13-89 (S202-18)
FROM ID	P2-39 (UUT J1-39) J1A-1E A1P14.9	TO	ID	P1A-1E A1J14.9 P13-17 (S201-26)
	P12-80 (S201-2) A1J12.40			A1P12.40 A1J10.8

Date: 04 March 2016

FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P3-3 (UUT J3-3) FROM ID J1A-5B FROM ID A1P15.8	TO W1 P1A-5B TO ID A1J15.8 TO ID P13-42 (S701-23)
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-129 (S506-8) FROM ID A1J9.30	TO ID A1J10.3 TO ID P11-194 (S506-1)
FROM ID BUS 6 FROM ID A1P8.48 FROM ID P10-42 (S301-49) FROM ID A1J7.24 FROM ID A1P4.16 FROM ID R109.2 FROM ID A1J4.9	TO ID A1J8.48 TO ID P10-171 (S301-50) TO ID A1P7.24 TO ID A1J4.16 TO ID R109.1 TO ID A1P4.9 TO +28V
	TO ID A1J10.3 TO ID P11-194 (S506-1)
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1J8.28 TO ID P10-203 (S503-1)
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1J7.38 TO ID P10-130 (S301-23)

STEP 520

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J1.34. SHORT J1.39 TO GROUND. THE FREQUENCY AT PIN J3.3 SHOULD BE BETWEEN .5 AND 13 HZ.

FROM	W1	P2-34 (UUT J1-	-34) TO	W1	P1A-5F
FROM	ID	J1A-5F	TO	ID	A1J14.18
FROM	ID	A1P14.18	TO	ID	P13-89 (S202-18)

Date: 04 March 2016

FRO	M W1	P2-39 (UUT J1-39)	то	W1	P1A-1E
FRO	M ID	J1A-1E	ТО		A1J14.9
FRO	OT M	A1P14.9	ΤО		P13-17 (S201-26)
1110		J1A-1E A1P14.9	10		113 17 (8201 20)
FRO	M ID	P12-80 (S201-2)	ТО	ID	A1P12.40
		A1J12.40		ID	A1J10.8
		A1P10.8			P11-139 (S508-2)
		P11-205 (S508-10)			A1P9.2
		A1J9.2			BUS 8
		1120712			
FRO	M W1	P3-3 (UUT J3-3) J1A-5B	ТО	W1	P1A-5B
FRO	M ID	J1A-5B	ТО	ID	A1J15.8
		A1P15.8			P13-42 (S701-23)
					110 11 (0.01 10)
FRO	M ID	P12-76 (S701-1)	ТО	ID	A1P12.50
		A1J12.50			A1J10.3
		A1P10.3			P11-194 (S506-1)
		P11-129 (S506-8)			
		A1J9.30			BUS 6
FRO	M ID	BUS 6	то	ID	A1J8.48
FRO	M ID	A1P8.48	TO	ID	P10-171 (S301-50)
FRO	M ID	P10-42 (S301-49)	ТО	ID	A1P7.24
		A1J7.24		ID	A1J4.16
		A1P4.16			R109.1
		R109.2			A1P4.9
		A1J4.9		+28	
FRO	M ID	P12-76 (S701-1)	TO	ID	A1P12.50
FRO	M ID	A1J12.50	TO	ID	A1J10.3
FRO	M ID	A1P10.3	ТО	ID	P11-194 (S506-1)
FRO	M ID	P11-164 (S506-3)			A1P9.23
		A1J9.23		ID	BUS 1
FRO	M ID	P19-18 (CT-IN1)	TO	ID	A1P21.1
		A1J21.1			A1J6.8
		A1P6.8			P10-162 (S501-2)
		P10-164 (S501-3)			A1P7.29
		A1J7.29			BUS 1
					- · -

STEP 521

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34 AND J1.5. SHORT J1.39 TO GROUND. THE FREQUENCY AT PIN J3.3 SHOULD BE BETWEEN .5 AND 13 HZ.

CONNECTION PATH IS AS FOLLOWS: SEE "UUT POWER"

FROM W1 P2-5 (UUT J1-5) TO W1 P1B-14A FROM ID J1B-14A TO ID A1J13.1

Date: 04 March 2016

FROM ID	A1P13.1	ТО	ID	P12-79 (S201-5)
EBUM ID	P12-20 (S201-3)	ΤО	TD	A1P12.46
	A1J12.46			A1J10.2
	A1P10.2			P11-39 (S507-1)
	P11-72 (S507-4)			A1P9.27
FROM ID	A1J9.27	TO	TD	BUS 2
	P2-34 (UUT J1-34)			P1A-5F
FROM ID				A1J14.18
FROM ID	A1P14.18	ТО	ID	P13-89 (S202-18)
	P2-39 (UUT J1-39)			P1A-1E
FROM ID				A1J14.9
FROM ID	A1P14.9	ТО	ID	P13-17 (S201-26)
	P12-80 (S201-2)			A1P12.40
FROM ID	A1J12.40			A1J10.8
FROM ID	A1P10.8	TO	ID	P11-139 (S508-2)
FROM ID	P11-205 (S508-10)	TO	ID	A1P9.2
FROM ID	A1J9.2	ТО	ID	BUS 8
FROM W1	P3-3 (UUT J3-3)	то	W1	P1A-5B
FROM ID	J1A-5B	TO	ID	A1J15.8
FROM ID	A1P15.8	ТО	ID	P13-42 (S701-23)
FROM ID	P12-76 (S701-1)	то	ID	A1P12.50
FROM ID	A1J12.50	ТО	ID	A1J10.3
FROM ID	A1P10.3	ТО	ID	P11-194 (S506-1)
	P11-129 (S506-8)			A1P9.30
FROM ID				BUS 6
FROM ID	BUS 6	то	ID	A1J8.48
FROM ID				P10-171 (S301-50)
	P10-42 (S301-49)			A1P7.24
FROM ID				A1J4.16
FROM ID				R109.1
FROM ID				A1P4.9
FROM ID			+28	
FROM ID	AIU4.9	10	T Z (5 V
	P12-76 (S701-1)			A1P12.50
	A1J12.50			A1J10.3
FROM ID				P11-194 (S506-1)
	P11-164 (S506-3)			A1P9.23
FROM ID	A1J9.23	TO	ID	BUS 1
	P19-18 (CT-IN1)			A1P21.1
FROM ID				A1J6.8
FROM ID				P10-162 (S501-2)
FROM ID	P10-164 (S501-3)	TO	ID	A1P7.29
FROM ID	A1J7.29	TO	ID	BUS 1

Date: 04 March 2016

STEP 522

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34, J1.5 AND J1.38. SHORT J1.39 TO GROUND. THE VOLTAGE MEASURED AT PIN J3.3 SHOULD BE LESS THAN 0.9VDC WITH RESPECT TO GROUND.

FROM ID	P2-38 (UUT J1-38) J1B-8B A1P12.5	TO ID	P1B-8B A1J12.5 P12-17 (S201-23)
FROM ID	P2-5 (UUT J1-5) J1B-14A A1P13.1	TO ID	P1B-14A A1J13.1 P12-79 (S201-5)
FROM ID FROM ID FROM ID	P12-20 (S201-3) A1J12.46 A1P10.2 P11-72 (S507-4) A1J9.27	TO ID TO ID	A1P12.46 A1J10.2 P11-39 (S507-1) A1P9.27 BUS 2
FROM ID	P2-34 (UUT J1-34) J1A-5F A1P14.18	TO ID	P1A-5F A1J14.18 P13-89 (S202-18)
FROM ID	P2-39 (UUT J1-39) J1A-1E A1P14.9	TO ID	P1A-1E A1J14.9 P13-17 (S201-26)
FROM ID FROM ID FROM ID	P12-80 (S201-2) A1J12.40 A1P10.8 P11-205 (S508-10) A1J9.2	TO ID TO ID TO ID	A1P12.40 A1J10.8 P11-139 (S508-2) A1P9.2 BUS 8
FROM ID	P3-3 (UUT J3-3) J1A-5B A1P15.8	TO ID	P1A-5B A1J15.8 P13-42 (S701-23)
FROM ID FROM ID FROM ID	P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30	TO ID TO ID TO ID	A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6
FROM ID	BUS 6 A1P8.48 P10-42 (S301-49) A1J7.24	TO ID	A1J8.48 P10-171 (S301-50) A1P7.24 A1J4.16

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FROM ID A1P4.16 FROM ID R109.2 FROM ID A1J4.9	TO ID R109.1 TO ID A1P4.9 TO +28V
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1J10.3 TO ID P11-194 (S506-1) TO ID A1P9.23
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1J8.28 TO ID P10-203 (S503-1)
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1J7.38 TO ID P10-130 (S301-23)

STEP 523

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND - 15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34 AND J1.38. SHORT J3.22 AND J1.40 TO GROUND. THE FREQUENCY AT PIN J3.3 SHOULD BE BETWEEN .5 AND 13 HZ.

FROM W1 P2- FROM ID J1A	40 (UUT J1-40) -1F			P1A-1F A1J14.11
FROM ID 01A		TO		P13-51 (S201-28)
EDOM 141 D2	00 /1111	ш0	r.71	D17 20
	22 (UUT J3-22)			
FROM ID J1A	-3E	TO	ID	A1J14.13
FROM ID A1P	14.13	TO	ID	P13-19 (S201-34)
FROM W1 P2-	38 (UUT J1-38)		W1	P1B-8B
FROM ID J1B	-8B	TO	ID	A1J12.5
FROM ID A1P	12.5	TO	ID	P12-17 (S201-23)
FROM ID P12	-20 (S201-3)	TO	ID	A1P12.46
FROM ID A1J	12.46	TO	ID	A1J10.2
FROM ID A1P	10.2	TO	ID	P11-39 (S507-1)
FROM ID P11	-72 (S507-4)	TO	ID	A1P9.27
FROM ID A1J	9.27	TO	ID	BUS 2
FROM W1 P2-	34 (UUT J1-34)	TO	W1	P1A-5F
FROM ID J1A	-5F	TO	ID	A1J14.18

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FROM ID A1P14.18	TO	ID P13	-89 (S202-18)
FROM ID P12-80 (S2 FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S FROM ID A1J9.2	TO TO 508-10) TO	ID A1F ID P11 ID A1F ID BUS	10.8 -139 9.2	(S508-2)
FROM W1 P3-3 (UUT FROM ID J1A-5B FROM ID A1P15.8	TO	W1 P1A ID A1J ID P13	15.8	S701-23)
FROM ID P12-76 (S7 FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-129 (S FROM ID A1J9.30	TO TO 506-8) TO	ID A1J	10.3 -194 9.30	(S506-1)
FROM ID BUS 6 FROM ID A1P8.48 FROM ID P10-42 (S3 FROM ID A1J7.24 FROM ID A1P4.16 FROM ID R109.2 FROM ID A1J4.9			-171 7.24 4.16 9.1	(\$301-50)
FROM ID P12-76 (S7 FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (SFROM ID A1J9.23	01-1) TO TO TO TO TO TO	ID A1J	10.3 -194 9.23	(S506-1)
FROM ID P19-18 (CT FROM ID A1J21.1 FROM ID A1P6.8 FROM ID P10-164 (SFROM ID A1J7.29	TO TO TO 501-3)	ID A1J	6.8 -162 7.29	(S501-2)

STEP 524

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34 AND J1.38. SHORT J3.22, J1.40, AND J1.46 TO GROUND. THE FREQUENCY AT PIN J3.3 SHOULD BE BETWEEN .5 AND 13 HZ.

FROM W1 P2-46 (UUT J1-46)	TO W1 P1B-7B
FROM ID J1B-7B	TO ID A1J12.8
FROM ID A1P12.8	TO ID P12-50 (S201-30)

Date: 04 March 2016

FROM	W1	P2-40 (UUT J1-40)	ΤО	W 1	P1A-1F
					A1J14.11
EDOM:	TD	01A-11 31D14 11			P13-51 (S201-28)
FROM	TD	J1A-1F A1P14.11	10	TD	P13-51 (S201-28)
					-1- 0-
		P3-22 (UUT J3-22)			P1A-3E
		J1A-3E			A1J14.13
FROM	ID	A1P14.13	TO	ID	P13-19 (S201-34)
FROM	W1	P2-38 (UUT J1-38)	TO	W1	P1B-8B
FROM	ID	J1B-8B	TO	ID	A1J12.5
FROM	ID	A1P12.5	ТО	ID	P12-17 (S201-23)
FROM	ID	P12-20 (S201-3)	ТО	ID	A1P12.46
		A1J12.46			A1J10.2
		A1P10.2			P11-39 (S507-1)
		P11-72 (S507-4)			A1P9.27
FROM	ΤD	A1J9.27	10	TD	BUS 2
	T.7 T	D2 24 / IIII T1 24\	ш.	T.7 T	חות בת
		P2-34 (UUT J1-34)			P1A-5F
		J1A-5F			A1J14.18
FROM	ID	A1P14.18	ТО	ID	P13-89 (S202-18)
		710 00 (7001 0)			-1-10 40
		P12-80 (S201-2)			A1P12.40
		A1J12.40			A1J10.8
		A1P10.8			P11-139 (S508-2)
	TD	P11-205 (S508-10)	TO	ID	A1P9.2
		A1J9.2			BUS 8
FROM	ID	A1J9.2	ТО	ID	BUS 8
FROM FROM	ID W1	A1J9.2 P3-3 (UUT J3-3)	TO TO	ID W1	BUS 8 P1A-5B
FROM FROM FROM	ID W1 ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B	TO TO TO	ID W1 ID	BUS 8 P1A-5B A1J15.8
FROM FROM FROM	ID W1 ID	A1J9.2 P3-3 (UUT J3-3)	TO TO TO	ID W1 ID	BUS 8 P1A-5B
FROM FROM FROM	ID W1 ID ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8	TO TO TO	ID W1 ID ID	BUS 8 P1A-5B A1J15.8 P13-42 (S701-23)
FROM FROM FROM FROM	W1 ID ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1)	TO TO TO TO	UD W1 ID ID	BUS 8 P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50
FROM FROM FROM FROM FROM	W1 ID ID ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50	TO TO TO TO TO	UD W1 ID ID ID ID	BUS 8 P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3
FROM FROM FROM FROM FROM FROM	W1 ID ID ID ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50 A1P10.3	TO TO TO TO TO	W1 ID ID ID ID	BUS 8 P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3 P11-194 (S506-1)
FROM FROM FROM FROM FROM FROM	W1 ID ID ID ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50	TO TO TO TO TO	W1 ID ID ID ID	BUS 8 P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3
FROM FROM FROM FROM FROM FROM FROM	W1 ID ID ID ID ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50 A1P10.3	TO TO TO TO TO TO TO	W1 ID ID ID ID ID	BUS 8 P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3 P11-194 (S506-1)
FROM FROM FROM FROM FROM FROM FROM	W1 ID ID ID ID ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8)	TO TO TO TO TO TO TO	W1 ID ID ID ID ID	BUS 8 P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30
FROM FROM FROM FROM FROM FROM FROM	W1 ID ID ID ID ID ID ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8)	TO TO TO TO TO TO TO TO	W1 ID ID ID ID ID ID ID	BUS 8 P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30
FROM FROM FROM FROM FROM FROM FROM	W1 ID ID ID ID ID ID ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30	TO TO TO TO TO TO TO TO	W1 ID ID ID ID ID ID ID ID ID	BUS 8 P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID ID ID ID ID ID ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30 BUS 6	TO TO TO TO TO TO TO	W1 ID ID ID ID ID ID ID ID	BUS 8 P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6 A1J8.48
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID ID ID ID ID ID ID ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30 BUS 6 A1P8.48 P10-42 (S301-49)	TO TO TO TO TO TO TO TO TO	W1 ID	BUS 8 P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6 A1J8.48 P10-171 (S301-50)
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30 BUS 6 A1P8.48 P10-42 (S301-49) A1J7.24	TO	W1 ID	BUS 8 P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6 A1J8.48 P10-171 (S301-50) A1P7.24 A1J4.16
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID ID ID ID ID ID ID ID ID ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30 BUS 6 A1P8.48 P10-42 (S301-49) A1J7.24 A1P4.16	TO	W1 ID	BUS 8 P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6 A1J8.48 P10-171 (S301-50) A1P7.24 A1J4.16 R109.1
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30 BUS 6 A1P8.48 P10-42 (S301-49) A1J7.24 A1P4.16 R109.2	TO	W1 ID	BUS 8 P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6 A1J8.48 P10-171 (S301-50) A1P7.24 A1J4.16 R109.1 A1P4.9
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30 BUS 6 A1P8.48 P10-42 (S301-49) A1J7.24 A1P4.16	TO	W1 ID	BUS 8 P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6 A1J8.48 P10-171 (S301-50) A1P7.24 A1J4.16 R109.1 A1P4.9
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30 BUS 6 A1P8.48 P10-42 (S301-49) A1J7.24 A1P4.16 R109.2 A1J4.9	TO	W1 ID	P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6 A1J8.48 P10-171 (S301-50) A1P7.24 A1J4.16 R109.1 A1P4.9
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30 BUS 6 A1P8.48 P10-42 (S301-49) A1J7.24 A1P4.16 R109.2 A1J4.9 P12-76 (S701-1)	TO T	W1 ID	BUS 8 P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6 A1J8.48 P10-171 (S301-50) A1P7.24 A1J4.16 R109.1 A1P4.9 3V A1P12.50
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30 BUS 6 A1P8.48 P10-42 (S301-49) A1J7.24 A1P4.16 R109.2 A1J4.9 P12-76 (S701-1) A1J12.50	TO T	W1 ID	BUS 8 P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6 A1J8.48 P10-171 (S301-50) A1P7.24 A1J4.16 R109.1 A1P4.9 BV A1P12.50 A1J10.3
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30 BUS 6 A1P8.48 P10-42 (S301-49) A1J7.24 A1P4.16 R109.2 A1J4.9 P12-76 (S701-1) A1J12.50 A1P10.3	TO T	W1 ID	P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6 A1J8.48 P10-171 (S301-50) A1P7.24 A1J4.16 R109.1 A1P4.9 3V A1P12.50 A1J10.3 P11-194 (S506-1)
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30 BUS 6 A1P8.48 P10-42 (S301-49) A1J7.24 A1P4.16 R109.2 A1J4.9 P12-76 (S701-1) A1J12.50 A1P10.3 P11-164 (S506-3)	TO T	W1 ID	P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6 A1J8.48 P10-171 (S301-50) A1P7.24 A1J4.16 R109.1 A1P4.9 BV A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.23
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30 BUS 6 A1P8.48 P10-42 (S301-49) A1J7.24 A1P4.16 R109.2 A1J4.9 P12-76 (S701-1) A1J12.50 A1P10.3	TO T	W1 ID	P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6 A1J8.48 P10-171 (S301-50) A1P7.24 A1J4.16 R109.1 A1P4.9 3V A1P12.50 A1J10.3 P11-194 (S506-1)
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30 BUS 6 A1P8.48 P10-42 (S301-49) A1J7.24 A1P4.16 R109.2 A1J4.9 P12-76 (S701-1) A1J12.50 A1P10.3 P11-164 (S506-3) A1J9.23	TO T	W1 ID	P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6 A1J8.48 P10-171 (S301-50) A1P7.24 A1J4.16 R109.1 A1P4.9 BV A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.23 BUS 1
FROM FROM FROM FROM FROM FROM FROM FROM	W1 ID	A1J9.2 P3-3 (UUT J3-3) J1A-5B A1P15.8 P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30 BUS 6 A1P8.48 P10-42 (S301-49) A1J7.24 A1P4.16 R109.2 A1J4.9 P12-76 (S701-1) A1J12.50 A1P10.3 P11-164 (S506-3)	TO T	W1 ID	P1A-5B A1J15.8 P13-42 (S701-23) A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6 A1J8.48 P10-171 (S301-50) A1P7.24 A1J4.16 R109.1 A1P4.9 BV A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.23

Date: 04 March 2016

FROM ID A1P6.8

FROM ID A1P6.8 TO ID P10-162 (S501-2) FROM ID P10-164 (S501-3) TO ID A1P7.29 TO ID BUS 1 FROM ID A1J7.29

STEP 525

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34 AND J1.38. SHORT J3.22, J1.40, AND J1.46 TO GROUND. THE FREQUENCY AT PIN J1.3 SHOULD BE BETWEEN .5 AND 13 HZ.

CONNECTION PATH IS AS FOLLOWS: SEE "UUT POWER"

FROM W1 P2-46 (UUT J1-46) TO W1 P1B-7B FROM ID J1B-7B TO ID A1J12.8 FROM ID A1P12.8 FROM ID A1P12.8 TO ID P12-50 (S201-30)

FROM W1 P2-40 (UUT J1-40) 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 P2-38 (UUT J1-38) TO W1 P1B-8B FROM ID J1B-8B TO ID A1J12.5 FROM WI P2-30 (002 2)
FROM ID J1B-8B TO ID A1J12.5
TO ID P12-17 (S201-23)

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

FROM W1 P2-34 (UUT J1-34) TO W1 P1A-5F
FROM ID J1A-5F TO ID A1J14.18
FROM ID A1P14.18 TO ID P13-89 (S202-18)

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

TO ID BUS 8 FROM ID A1J9.2

FROM W1 P2-3 (UUT J1-3) 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

Date: 04 March 2016

		A1P10.3 P11-129 (S506-8)				(S506-1)
		A1J9.30			BUS 6	
FROM	ID	BUS 6	то	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	A1J4.9	TO	+28	3A	
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 526

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34 AND J1. 38. SHORT J3.22, J1.40 AND J1.46 TO GROUND. MOMENTARILY LIFT J1.16 FROM GROUND, CONNECT TO 28.0VDC AND RECONNECT TO GROUND. THE FREQUENCY AT PIN J3.3 SHOULD BE BETWEEN .5 AND 13 HZ.

FROM W1 P2-16 (UUT J1-1) FROM ID J1A-12D FROM ID A1P11.9 FROM ID P11-233 (S301-1) FROM ID A1J11.11	TO ID A1J11.9 TO ID P11-43 (S301-154)
FROM W1 P2-46 (UUT J1-4) FROM ID J1B-7B FROM ID A1P12.8	TO W1 P1B-7B TO ID A1J12.8 TO ID P12-50 (S201-30)
FROM W1 P2-40 (UUT J1-4) FROM ID J1A-1F FROM ID A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM W1 P3-22 (UUT J3-2) FROM ID J1A-3E FROM ID A1P14.13	TO W1 P1A-3E TO ID A1J14.13 TO ID P13-19 (S201-34)

Date: 04 March 2016

FROM	W1	P2-38 (UUT J1-38)	то	W1	P1B-8B
		J1B-8B			A1J12.5
		A1P12.5	ТО	ID	P12-17 (S201-23)
					,
FROM	ID	P12-20 (S201-3)	ТО	ID	A1P12.46
		A1J12.46			A1J10.2
FROM	ID	A1P10.2	ТО	ID	P11-39 (S507-1)
FROM	ID	P11-72 (S507-4)			A1P9.27
		A1J9.27			BUS 2
FROM	W1	P2-34 (UUT J1-34)	TO	W1	P1A-5F
FROM	ID	J1A-5F	TO	ID	A1J14.18
FROM	ID	A1P14.18	ТО	ID	P13-89 (S202-18)
FROM	ID	P12-80 (S201-2)	TO	ID	A1P12.40
FROM	ID	A1J12.40	TO	ID	A1J10.8
		A1P10.8			P11-139 (S508-2)
FROM	ID	P11-205 (S508-10)	ТО	ID	A1P9.2
FROM	ID	A1J9.2	ТО	ID	BUS 8
FROM	W1	P3-3 (UUT J3-3)	ТО	W1	P1A-5B
FROM	ID	J1A-5B	TO	ID	A1J15.8
FROM	ID	A1P15.8	TO	ID	P13-42 (S701-23)
		P12-76 (S701-1)	TO	ID	A1P12.50
FROM	ID	A1J12.50	TO	ID	A1J10.3
		A1P10.3			P11-194 (S506-1)
FROM	ID	P11-129 (S506-8)			
FROM	ID	A1J9.30	TO	ID	BUS 6
		BUS 6			A1J8.48
		A1P8.48			P10-171 (S301-50)
		P10-42 (S301-49)			
		A1J7.24			A1J4.16
		A1P4.16			R109.1
		R109.2			A1P4.9
FROM	ID	A1J4.9	TO	+28	3V
		P12-76 (S701-1)			A1P12.50
		A1J12.50			A1J10.3
		A1P10.3			P11-194 (S506-1)
		P11-164 (S506-3)			A1P9.23
FROM	ID	A1J9.23	TO	ID	BUS 1
		D10 10 (GT ===1)			71701 1
		P19-18 (CT-IN1)			A1P21.1
		A1J21.1			A1J6.8
		A1P6.8			P10-162 (S501-2)
		P10-164 (S501-3)			A1P7.29
F.KOM	TD	A1J7.29	JO	TD	BUS 1

STEP 527

DESCRIPTION:

Date: 04 March 2016

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34 AND J1.38. SHORT J3.22, J1.40, AND J1.46 TO GROUND. MOMENTARILY LIFT J1.16 FROM GROUND, CONNECT TO 28.0VDC AND RECONNECT TO GROUND. THE VOLTAGE MEASURED AT PIN J1.3 SHOULD BE LESS THAN 0.9VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

FROM ID	P2-46 (UUT J1-46) J1B-7B A1P12.8	TO W1 P1B-7B TO ID A1J12.8 TO ID P12-50 (S201-30)
FROM ID	P2-40 (UUT J1-40) J1A-1F A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM ID	P3-22 (UUT J3-22) J1A-3E A1P14.13	TO W1 P1A-3E TO ID A1J14.13 TO ID P13-19 (S201-34)
FROM ID	P2-38 (UUT J1-38) J1B-8B A1P12.5	TO W1 P1B-8B TO ID A1J12.5 TO ID P12-17 (S201-23)
FROM ID FROM ID FROM ID	P12-20 (S201-3) A1J12.46 A1P10.2 P11-72 (S507-4) A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM ID	P2-34 (UUT J1-34) J1A-5F A1P14.18	TO W1 P1A-5F TO ID A1J14.18 TO ID P13-89 (S202-18)
FROM ID FROM ID FROM ID	P12-80 (S201-2) A1J12.40 A1P10.8 P11-205 (S508-10) A1J9.2	TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2
		TO ID BUS 8
FROM ID FROM ID	P2-3 (UUT J1-3) J1B-14E A1P13.9	TO W1 P1B-14E TO ID A1J13.9 TO ID P12-36 (S701-5)
FROM ID FROM ID FROM ID FROM ID FROM ID FROM ID	J1B-14E	TO W1 P1B-14E TO ID A1J13.9 TO ID P12-36 (S701-5) TO ID A1P12.50 TO ID A1J10.3 TO ID P11-194 (S506-1)

Date: 04 March 2016

FROM	ID	A1P8.48	ТО	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	+28	3A	
FROM	ID	P12-76 (S701-1)	TO	ID	A1P12.50	
FROM	ID	A1J12.50			A1J10.3	
		A1P10.3		ID	P11-194	(S506-1)
FROM	ID	P11-164 (S506-3)	TO	ID	A1P9.23	
FROM	ID	A1J9.23	TO	ID	BUS 1	
		P20-2 (DMM-HI)			A1P15.49	
FROM	ID	A1J15.49	TO	ID	A1J8.28	
		A1P8.28		ID	P10-203	(S503-1)
FROM	ID	P10-77 (S503-3)	TO	ID	A1P6.13	
FROM	ID	A1J6.13	TO	ID	BUS 1	
		P20-3 (DMM-LO)			A1P15.50	
_		A1J15.50	_		A1J7.38	
_		A1P7.38		ID	P10-130	(S301-23)
FROM	ID	P10-229 (S301-24)	TO	ID	A1P7.36	
FROM	ID	A1J7.36	TO	GRO	DUND	

STEP 528

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34, J1.38 AND J1.9 (FOR 10 MSEC). SHORT J3.22, J1.40, AND J1.12 TO GROUND. THE FREQUENCY AT PIN J3.3 SHOULD BE BETWEEN .5 AND 13 HZ.

FROM	W1	P2-9 (UUT J1-9)	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	ТО	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 J1-12)	TO	W1	P1B-8A
FROM	ID	J1B-8A	TO	ID	A1J12.4
FROM	ID	A1P12.4	TO	ID	P12-18 (S201-22)
FROM	W1	P2-40 (UUT J1-40)	TO	W1	P1A-1F
FROM	ID	J1A-1F	ТО	ID	A1J14.11
FROM	ID	A1P14.11	ТО	ID	P13-51 (S201-28)

Date: 04 March 2016

FROM	W1	P3-22 (UUT J3-22)	ТО	W1	P1A-3E
FROM	ID	J1A-3E A1P14.13	ТО	ID	A1J14.13
FROM	ID	A1P14.13	ТО	ID	P13-19 (S201-34)
FROM	W1	P2-38 (UUT J1-38)	ТО	W1	P1B-8B
FROM	ID	J1B-8B	ТО	ID	A1J12.5
FROM	ID	A1P12.5	ТО	ID	P12-17 (S201-23)
FROM	ID	P12-20 (S201-3)	ТО	ID	A1P12.46
FROM	ID	A1J12.46	ТО	ID	A1J10.2
FROM	ID	A1P10.2	ТО	ID	P11-39 (S507-1)
FROM	ID	P11-72 (S507-4)	ТО	ID	A1P9.27
FROM	ID	A1J9.27	ТО	ID	BUS 2
FROM	W1	P2-34 (UUT J1-34)	TO	W1	P1A-5F
FROM	ID	J1A-5F	TO	ID	A1J14.18
FROM	ID	A1P14.18	ТО	ID	P13-89 (S202-18)
FROM	ID	P12-80 (S201-2)	TO	ID	A1P12.40
FROM	ID	A1J12.40	TO	ID	A1J10.8
		A1P10.8		ID	P11-139 (S508-2)
FROM	ID	P11-205 (S508-10)	TO	ID	A1P9.2
FROM	ID	A1J9.2	TO	ID	BUS 8
		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)
		P12-76 (S701-1)			A1P12.50
		A1J12.50			A1J10.3
		A1P10.3			P11-194 (S506-1)
		P11-129 (S506-8)			A1P9.30
FROM	ID	A1J9.30	TO	ID	BUS 6
					-1-0 40
		BUS 6			A1J8.48
		A1P8.48	ТО		P10-171 (S301-50)
FROM	ID	P10-42 (S301-49)			A1P7.24
		A1J7.24			A1J4.16
		A1P4.16			R109.1
		R109.2			A1P4.9
FROM	ID	A1J4.9	TO	+28	3V
	T.D.	D10 76 /0701 1)	ШΩ	Τ.	71D10 F0
		P12-76 (S701-1)			A1P12.50
		A1J12.50			A1J10.3
		A1P10.3			P11-194 (S506-1)
		P11-164 (S506-3)			A1P9.23
F.KOM	ΤD	A1J9.23	TO	TD	BUS 1
	TD	D10 164 (GE01 2)	ШΟ	TD	מ1 7 מ
		P10-164 (S501-3)			A1P7.29
r KOM	ΤD	A1J7.29	10	ΤD	BUS 1

Date: 04 March 2016

STEP 529

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34, J1.38 AND J1.9 (FOR 10 MSEC). SHORT J3.22, J1.40, AND J1.12 TO GROUND. THE FREQUENCY AT PIN J1.14 SHOULD BE BETWEEN .5 AND 13 HZ.

FROM W1	P2-12 (UUT J1-12)	TO	W1	P1B-8A
	J1B-8A	ΤO	TD	A1J12.4
				P12-18 (S201-22)
111011 12	1111 12.1			112 10 (5201 22)
FROM W1	P2-40 (UUT J1-40)	тО	w1	P1A-1F
	J1A-1F	ΤO	TD	A1J14.11
	A1P14.11			P13-51 (S201-28)
TROM ID	AII I I . I I	10	11	113 31 (5201 20)
FROM W1	P3-22 (UUT J3-22)	TO	w1	P1A-3E
FROM ID	J1A-3E	ΤO	TD	A1J14.13
	A1P14.13			P13-19 (S201-34)
TROM ID	1111 11.13	10	11	113 17 (8201 31)
FROM W1	P2-38 (UUT J1-38)	TO	W1	P1B-8B
FROM ID	P2-38 (UUT J1-38) J1B-8B	ΤO	TD	А1д12.5
	A1P12.5			P12-17 (S201-23)
TROM ID	1111 12.3	10	10	112 17 (5201 23)
FROM ID	P12-20 (S201-3) A1J12.46	ТО	TD	A1P12.46
FROM ID	Д1.T12 46	ΤO	TD	A1.T10 2
	A1P10.2	TΩ	TD	P11-39 (S507-1)
	P11-72 (S507-4)	TΟ	TD	71D0 27
	A1J9.27			BUS 2
FROM ID	A109.27	10	ΤD	BUS Z
FROM W1	P2-34 (UUT J1-34)	тО	พ1	D1 A - 5F
	J1A-5F			A1J14.18
	A1P14.18			P13-89 (S202-18)
PROM ID	AIFI4.10	10	ענ	P13-09 (3202-10)
FROM ID	P12-80 (S201-2)	то	TD	A1P12.40
FROM ID	A1J12.40	ΤO	TD	A1J10.8
DDOM TD	71D10 0	ШΟ	TD	D11 120 /GEOO O)
FROM ID	P11-205 (S508-10)	TΩ	TD	Δ1D9 2
FROM ID	71.TQ 2	TΩ	TD	BUS 8
FROM ID	A107.2	10	דט	000 0
FROM W1	P2-14 (UUT J1-14)	тО	₩1	D1 Z = 3 Z
FROM ID	J1A-3A			A1J15.1
	A1P15.1			P13-39 (S701-7)
FROM ID	AIPI5.I	10	עד	PI3-39 (5/01-/)
FROM TD	P12-76 (S701-1)	ТΟ	TD	A1P12 50
	A1J12.50			A1J10.3
	A1P10.3			P11-194 (S506-1)
	P11-129 (S506-8)	TO	TD TD	100 5U
	LTT_T72 (9200-0)	ΤO	TD	AIPJ.JU
	A1J9.30	ШΟ	TD	BUS 6

Date: 04 March 2016

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 PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34 AND J1.38. SHORT J3.22, J1.40, AND J1.12 TO GROUND. MOMENTARILY LIFT J1.16 FROM GROUND, CONNECT TO 28.0VDC AND RECONNECT TO GROUND. THE FREQUENCY AT PIN J3.3 SHOULD BE BETWEEN .5 AND 13 HZ.

FROM W1 P2-16 (UUT J1-16) FROM ID J1A-12D FROM ID A1P11.9 FROM ID P11-233 (S301-153) FROM ID A1J11.11	TO ID A1J11.9 TO ID P11-43 (S301-154) TO ID A1P11.11
	TO W1 P1B-8A TO ID A1J12.4 TO ID P12-18 (S201-22)
FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11	TO ID A1J14.11
FROM W1 P3-22 (UUT J3-22) FROM ID J1A-3E FROM ID A1P14.13	
FROM W1 P2-38 (UUT J1-38) FROM ID J1B-8B FROM ID A1P12.5	

Date: 04 March 2016

FROM ID	P12-20 (S201-3)	ТΟ	TD	A1P12.46
	A1J12.46			A1J10.2
	A1P10.2			P11-39 (S507-1)
FROM ID	AIPIU.2	10		
FROM ID	P11-72 (S507-4)	TO		A1P9.27
FROM ID	A1J9.27	TO	TD	BUS 2
FROM W1	P2-34 (UUT J1-34)	ТО	W1	P1A-5F
	J1A-5F			A1J14.18
	A1P14.18			P13-89 (S202-18)
111011 12				
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)			A1P9.2
	A1J9.2			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
EDOM ED	DIIG. 6	ш0	TD	7170 40
	BUS 6			A1J8.48
	A1P8.48			P10-171 (S301-50)
	P10-42 (S301-49)			A1P7.24
	A1J7.24			A1J4.16
	A1P4.16			R109.1
	R109.2			A1P4.9
FROM ID	A1J4.9	TO	+28	BV
FROM ID	P12-76 (S701-1)	ТΟ	TD	A1P12.50
	A1J12.50			A1J10.3
	A1P10.3			P11-194 (S506-1)
	P11-164 (S506-3)			A1P9.23
	A1J9.23			BUS 1
I KOM ID	MIU 9. 23	10	ΤD	DUD I
FROM ID	P19-18 (CT-IN1)	ТО	ID	A1P21.1
FROM ID	A1J21.1	TO	ID	A1J6.8
FROM ID		ТО	ID	P10-162 (S501-2)
	P10-164 (S501-3)			A1P7.29
	A1J7.29			BUS 1
		-0		

STEP 531

DESCRIPTION:

Date: 04 March 2016

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34 AND J1.38. SHORT J3.22, J1.40, AND J1.12 TO GROUND. MOMENTARILY LIFT J1.16 FROM GROUND, CONNECT TO 28.0VDC AND RECONNECT TO GROUND. THE VOLTAGE MEASURED AT PIN J1.14 SHOULD BE LESS THAN 0.9VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

FROM ID	P2-12 (UUT J1-12) J1B-8A A1P12.4	TO W1 P1B-8A TO ID A1J12.4 TO ID P12-18 (S201-22)
FROM ID	P2-40 (UUT J1-40) J1A-1F A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM ID	P3-22 (UUT J3-22) J1A-3E A1P14.13	TO W1 P1A-3E TO ID A1J14.13 TO ID P13-19 (S201-34)
FROM ID	P2-38 (UUT J1-38) J1B-8B A1P12.5	TO W1 P1B-8B TO ID A1J12.5 TO ID P12-17 (S201-23)
FROM ID FROM ID FROM ID	P12-20 (S201-3) A1J12.46 A1P10.2 P11-72 (S507-4) A1J9.27	TO ID A1P12.46 TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM ID	P2-34 (UUT J1-34) J1A-5F A1P14.18	TO W1 P1A-5F TO ID A1J14.18 TO ID P13-89 (S202-18)
FROM ID FROM ID FROM ID	P12-80 (S201-2) A1J12.40 A1P10.8 P11-205 (S508-10) A1J9.2	TO ID A1J10.8 TO ID P11-139 (S508-2)
FROM ID FROM ID FROM ID FROM ID FROM W1 FROM ID FROM ID	A1J12.40 A1P10.8 P11-205 (S508-10) A1J9.2 P2-14 (UUT J1-14) J1A-3A A1P15.1	TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8 TO W1 P1A-3A TO ID A1J15.1 TO ID P13-39 (S701-7)
FROM ID	A1J12.40 A1P10.8 P11-205 (S508-10) A1J9.2 P2-14 (UUT J1-14) J1A-3A	TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8 TO W1 P1A-3A TO ID A1J15.1 TO ID P13-39 (S701-7) TO ID A1J10.3 TO ID P11-194 (S506-1)

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FROM	ID	A1P8.48	ТО	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	+28	3A	
FROM	ID	P12-76 (S701-1)	TO	ID	A1P12.50	
FROM	ID	A1J12.50			A1J10.3	
		A1P10.3		ID	P11-194	(S506-1)
FROM	ID	P11-164 (S506-3)	TO	ID	A1P9.23	
FROM	ID	A1J9.23	TO	ID	BUS 1	
		P20-2 (DMM-HI)			A1P15.49	
FROM	ID	A1J15.49	TO	ID	A1J8.28	
		A1P8.28		ID	P10-203	(S503-1)
FROM	ID	P10-77 (S503-3)	TO	ID	A1P6.13	
FROM	ID	A1J6.13	TO	ID	BUS 1	
		P20-3 (DMM-LO)			A1P15.50	
_		A1J15.50	_		A1J7.38	
_		A1P7.38		ID	P10-130	(S301-23)
FROM	ID	P10-229 (S301-24)	TO	ID	A1P7.36	
FROM	ID	A1J7.36	TO	GRO	DUND	

STEP 532

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34, J1.38 AND J1.8 (FOR 10 MSEC). SHORT J3.22, J1.40, AND J1.12 TO GROUND. THE FREQUENCY AT PIN J3.3 SHOULD BE BETWEEN .5 AND 13 HZ.

FROM W1 P2-8 (UUT J1-8) FROM ID J1A-5E FROM ID A1P14.17	TO W1 P1A-5E TO ID A1J14.17 TO ID P13-87 (S202-10)
FROM ID P13-29 (S202-4) FROM ID A1J14.50 FROM ID A1P10.50 FROM ID P11-147 (S510-4) FROM ID A1J9.31	TO ID A1P14.50 TO ID A1J10.50 TO ID P11-244 (S510-2) TO ID A1P9.31 TO ID BUS 2
FROM W1 P2-50 (UUT J1-50) FROM ID J1B-6A FROM ID A1P12.10	TO W1 P1B-6A TO ID A1J12.10 TO ID P12-83 (S201-32)
FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)

FROM W1 FROM ID FROM ID	P3-22 (UUT J3-22) J1A-3E A1P14.13	TO W1 TO ID	P1A-3E A1J14.13 P13-19 (S201-34)
FROM W1 FROM ID	P2-38 (UUT J1-38)	TO W1	
FROM ID FROM ID FROM ID	P12-20 (S201-3) A1J12.46 A1P10.2 P11-72 (S507-4) A1J9.27	TO III	A1P12.46 A1J10.2 P11-39 (S507-1) A1P9.27 BUS 2
FROM ID	P2-34 (UUT J1-34) J1A-5F A1P14.18	TO II	P1A-5F A1J14.18 P13-89 (S202-18)
FROM ID FROM ID FROM ID	P12-80 (S201-2) A1J12.40 A1P10.8 P11-205 (S508-10) A1J9.2	TO III	A1P12.40 A1J10.8 P11-139 (S508-2) A1P9.2 BUS 8
FROM ID	P3-3 (UUT J3-3) J1A-5B A1P15.8	TO II	P1A-5B A1J15.8 P13-42 (S701-23)
FROM ID FROM ID FROM ID	P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30	TO ID	A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6
FROM ID FROM ID FROM ID		TO III TO III TO III TO III	A1J4.16 R109.1 A1P4.9
FROM ID FROM ID FROM ID	P12-76 (S701-1) A1J12.50 A1P10.3 P11-164 (S506-3) A1J9.23	TO III	A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.23 BUS 1
FROM ID FROM ID FROM ID	P19-18 (CT-IN1) A1J21.1 A1P6.8 P10-164 (S501-3) A1J7.29	TO III	A1P21.1 A1J6.8 P10-162 (S501-2) A1P7.29 BUS 1

Date: 04 March 2016

STEP 533

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34, J1.38 AND J1.8 (FOR 10 MSEC). SHORT J3.22, J1.40, AND J1.12 TO GROUND. THE FREQUENCY AT PIN J1.49 SHOULD BE BETWEEN .5 AND 13 HZ.

	P2-50 (UUT J1-50)	TO W1	P1B-6A
	J1B-6A A1D12 10	TO ID	A1J12.10
FROM ID	A1P12.10	TO ID	P12-83 (S201-32)
ЕВОМ М1	P2-40 (UUT J1-40)	т∩ м1	ח1 א 1ם
			A1J14.11
	A1P14.11		P13-51 (S201-28)
TROM ID	1111 11.11	10 10	113 31 (8201 20)
FROM W1	P3-22 (UUT J3-22)	TO W1	P1A-3E
FROM ID	J1A-3E	TO ID	A1J14.13
FROM ID	A1P14.13	TO ID	P13-19 (S201-34)
EDOM 141	DO 20 (IIIII T1 20)	mo 111	D1D 0D
	P2-38 (UUT J1-38)		
	J1B-8B A1P12.5		A1J12.5 P12-17 (S201-23)
_			
FROM ID	P12-20 (S201-3) A1J12.46	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)		
	A1J9.27		BUS 2
			4 =
	P2-34 (UUT J1-34)		
			A1J14.18
FROM ID	A1P14.18	TO ID	P13-89 (S202-18)
FROM ID	P12-80 (S201-2)	TO ID	A1P12.40
			A1J10.8
		TO ID	P11-139 (S508-2)
	P11-205 (S508-10)	TO ID	A1P9.2
FROM ID			BUS 8
	P2-49 (UUT J1-49)		
FROM ID			A1J15.5
F'ROM ID	A1P15.5	TO ID	P13-72 (S701-15)
FROM ID	P12-76 (S701-1)	TO ID	A1P12.50
			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 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 PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34 AND J1.38. SHORT J3.22, J1.40, AND J1.50 TO GROUND. MOMENTARILY LIFT J1.16 FROM GROUND, CONNECT TO 28.0VDC AND RECONNECT TO GROUND. THE FREQUENCY AT PIN J3.3 SHOULD BE BETWEEN .5 AND 13 HZ.

FROM	W1	P2-16 (UUT	J1-16)	ТО	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 (S3				
FROM	ID	A1J11.11		TO	ID	A1J2.15 (DC2-HI J3-30)
FROM	W1	P2-50 (UUT	J1-50)	TO	W1	P1B-6A
FROM	ID	J1B-6A		TO	ID	A1J12.10
FROM	ID	A1P12.10		TO	ID	P12-83 (S201-32)
FROM	W1	P2-40 (UUT	J1-40)	TO	W1	P1A-1F
FROM	ID	J1A-1F		TO	ID	A1J14.11
FROM	ID	A1P14.11		TO	ID	P13-51 (S201-28)
	_					
		P3-22 (UUT	J3-22)			
_		J1A-3E		_		A1J14.13
FROM	ID	A1P14.13		TO	ID	P13-19 (S201-34)
====		DO 20 / 1111	T1 20)			D1D 0D
		P2-38 (UUT	J1-38)			
_		J1B-8B		_		A1J12.5
FROM	ID	A1P12.5		TO	ID	P12-17 (S201-23)

Date: 04 March 2016

FROM	TD	P12-20 (S201-3)	ΤО	TD	A1P12.46
		A1J12.46			A1J10.2
		A1P10.2			P11-39 (S507-1)
EDOM I. KOM	TD	P11-72 (S507-4)			A1P9.27
FROM	TD	A1J9.27			BUS 2
FROM	ΙD	A109.27	10	ΤD	BUS 2
FPOM	TAT 1	P2-34 (UUT J1-34)	ТΟ	TAT 1	P1A-5F
		J1A-5F			A1J14.18
		A1P14.18			P13-89 (S202-18)
PROM	ΙD	AIF11.10	10	ΙD	113 07 (5202 10)
FROM	ID	P12-80 (S201-2)	то	ID	A1P12.40
		A1J12.40			A1J10.8
		A1P10.8			P11-139 (S508-2)
		P11-205 (S508-10)			A1P9.2
		A1J9.2			BUS 8
ricom	דב	A10 7 . 2	10	דע	D0D 0
FROM	W1	P3-3 (UUT J3-3)	то	W1	P1A-5B
		J1A-5B			A1J15.8
		A1P15.8			P13-42 (S701-23)
					- (,
FROM	ID	P12-76 (S701-1)	ТО	ID	A1P12.50
FROM	ID	A1J12.50	ТО	ID	A1J10.3
FROM	ID	A1P10.3	ТО	ID	P11-194 (S506-1)
FROM	ID	P11-129 (S506-8)	ТО	ID	A1P9.30
		A1J9.30	ТО	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	ТО	ID	A1J4.16
FROM	ID	A1P4.16	TO	ID	R109.1
FROM	ID	R109.2	ТО	ID	A1P4.9
FROM	ID	A1J4.9	ТО	+28	BV
		P12-76 (S701-1)			
		A1J12.50			A1J10.3
FROM	ID	A1P10.3	TO	ID	P11-194 (S506-1)
FROM	ID	P11-164 (S506-3)	ТО	ID	A1P9.23
FROM	ID	A1J9.23	ТО	ID	BUS 1
		P19-18 (CT-IN1)			A1P21.1
		A1J21.1			A1J6.8
		A1P6.8			P10-162 (S501-2)
		P10-164 (S501-3)			A1P7.29
FROM	ID	A1J7.29	ТО	ID	BUS 1

STEP 535

DESCRIPTION:

Date: 04 March 2016

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34 AND J1.38. SHORT J3.22, J1.40, AND J1.50 TO GROUND. MOMENTARILY LIFT J1.16 FROM GROUND, CONNECT TO 28.0VDC AND RECONNECT TO GROUND. THE VOLTAGE MEASURED AT PIN J1.49 SHOULD BE LESS THAN 0.9VDC WITH RESPECT TO GROUND.

FROM ID	P2-50 (UUT J1-50) J1B-6A A1P12.10	TO ID	P1B-6A A1J12.10 P12-83 (S201-32)
	P2-40 (UUT J1-40) J1A-1F A1P14.11	TO ID	P1A-1F A1J14.11 P13-51 (S201-28)
FROM ID	P3-22 (UUT J3-22) J1A-3E A1P14.13	TO ID	P1A-3E A1J14.13 P13-19 (S201-34)
FROM ID	P2-38 (UUT J1-38) J1B-8B A1P12.5	TO ID	P1B-8B A1J12.5 P12-17 (S201-23)
FROM ID FROM ID FROM ID		TO ID TO ID TO ID	A1J10.2
FROM ID	P2-34 (UUT J1-34) J1A-5F A1P14.18	TO ID	P1A-5F A1J14.18 P13-89 (S202-18)
FROM ID FROM ID FROM ID FROM ID FROM ID FROM ID	J1A-5F A1P14.18 P12-80 (S201-2) A1J12.40	TO ID TO ID TO ID TO ID TO ID TO ID	A1J14.18 P13-89 (S202-18) A1P12.40 A1J10.8 P11-139 (S508-2)
FROM ID	J1A-5F A1P14.18 P12-80 (S201-2) A1J12.40 A1P10.8 P11-205 (S508-10) A1J9.2 P2-49 (UUT J1-49)	TO ID	A1J14.18 P13-89 (S202-18) A1P12.40 A1J10.8 P11-139 (S508-2) A1P9.2 BUS 8
FROM ID	J1A-5F A1P14.18 P12-80 (S201-2) A1J12.40 A1P10.8 P11-205 (S508-10) A1J9.2 P2-49 (UUT J1-49) J1A-4B A1P15.5 P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30	TO ID	A1J14.18 P13-89 (S202-18) A1P12.40 A1J10.8 P11-139 (S508-2) A1P9.2 BUS 8 P1B-4B A1J15.5

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	D A1P8.48		ID P10-171 (S301-50
FROM II	D P10-42 (S301-49)	TO	ID A1P7.24
FROM II	D A1J7.24	TO	ID A1J4.16
FROM II	D A1P4.16	TO	ID R109.1
FROM II	D R109.2	TO	ID A1P4.9
FROM II	D A1J4.9	TO	+28V
	10 56 (6501 1)		1-100
	D P12-76 (S701-1)		ID A1P12.50
FROM II	D A1J12.50	TO	ID A1J10.3
	D A1P10.3		ID P11-194 (S506-1)
FROM II	D P11-164 (S506-3)	TO	ID A1P9.23
FROM II	D A1J9.23	TO	ID BUS 1
	D P20-2 (DMM-HI)		ID A1P15.49
FROM II	D A1J15.49	TO	ID A1J8.28
	D A1P8.28		ID P10-203 (S503-1)
FROM II	D P10-77 (S503-3)	TO	ID A1P6.13
FROM II	D A1J6.13	TO	ID BUS 1
EDOM TI		ШΟ	TD 31D1E E0
	D P20-3 (DMM-LO)		ID A1P15.50
	D A1J15.50		ID A1J7.38
	D A1P7.38		ID P10-130 (S301-23
	D P10-229 (S301-24)		ID A1P7.36
FROM II	D A1J7.36	TO	GROUND

STEP 536

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34, J1.38 J2.9 (FOR 10 MSEC), AND J2.8. SHORT J3.22, J1.40, AND J1.39 TO GROUND. THE VOLTAGE MEASURED AT PIN J3.3 SHOULD BE LESS THAN 0.9VDC WITH RESPECT TO GROUND.

FROM W1 P2-9 (UUT J1-9) FROM ID J1A-1A FROM ID A1P14.1	TO W1 P1A-1A TO ID A1J14.1 TO ID P13-47 (S201-9)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1J10.2 TO ID P11-39 (S507-1)
FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9 FROM W1 P2-8 (UUT J1-8) FROM ID J1A-5E	TO ID A1J14.9 TO ID P13-17 (S201-26)

FROM ID	A1P14.17	ТО	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
	P2-40 (UUT J1-40)			P1A-1F
	J1A-1F			A1J14.11
FROM ID	A1P14.11	TO	ID	P13-51 (S201-28)
	P3-22 (UUT J3-22)			P1A-3E
FROM ID				A1J14.13
FROM ID	A1P14.13	TO	ID	P13-19 (S201-34)
EDOM 141	DO 20 (IIIII T1 20)	шо	r.71	D1D 0D
	P2-38 (UUT J1-38)			P1B-8B
FROM ID				A1J12.5
FROM ID	A1P12.5	TO	TD	P12-17 (S201-23)
EDOM ID	P12-20 (S201-3)	ΤО	TD	A1P12.46
	A1J12.46			A1J10.2
	A1P10.2			P11-39 (S507-1)
	P11-72 (S507-4)			A1P9.27
	A1J9.27			BUS 2
PROM ID	A109.27	10	דט	D03 Z
FROM W1	P2-34 (UUT J1-34)	ТО	W1	P1A-5F
FROM ID				A1J14.18
	A1P14.18			P13-89 (S202-18)
				, ,
FROM ID	P12-80 (S201-2)	TO	ID	A1P12.40
	A1P10.8			P11-139 (S508-2)
	P11-205 (S508-10)			A1P9.2
FROM ID	A1J9.2	TO	ID	BUS 8
	D2 2 /#### T2 2\			D17 ED
	P3-3 (UUT J3-3)			P1A-5B
FROM ID				A1J15.8
FROM ID	A1P15.8	10	ΤD	P13-42 (S701-23)
FROM ID	P12-76 (S701-1)	ΤО	TD	A1P12.50
	A1J12.50			A1J10.3
	A1P10.3			P11-194 (S506-1)
	P11-129 (S506-8)			A1P9.30
	A1J9.30			BUS 6
TROM ID	A109.30	10	ΙD	D0D 0
FROM ID	BUS 6	ТО	ID	A1J8.48
	A1P8.48			P10-171 (S301-50)
	P10-42 (S301-49)			A1P7.24
	A1J7.24			A1J4.16
	A1P4.16			R109.1
FROM ID				A1P4.9
FROM ID			+28	

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FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1J10.3 TO ID P11-194 (S506-1)
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1J8.28 TO ID P10-203 (S503-1)
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1J7.38 TO ID P10-130 (S301-23)

STEP 537

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34, J1.38 J2.9 (FOR 10 MSEC), AND J2.8. SHORT J3.22, J1.40, AND J1.39 TO GROUND. THE VOLTAGE MEASURED AT PIN J1.37 SHOULD BE LESS THAN 0.9VDC WITH RESPECT TO GROUND.

FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	
FROM W1 P2-8 (UUT J1-8) FROM ID J1A-5E FROM ID A1P14.17	TO W1 P1A-5E TO ID A1J14.17 TO ID P13-87 (S202-10)
	TO ID A1J10.50 TO ID P11-244 (S510-2)
FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11 FROM W1 P3-22 (UUT J3-22)	TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM ID J1A-3E FROM ID A1P14.13 FROM W1 P2-38 (UUT J1-38)	TO ID A1J14.13 TO ID P13-19 (S201-34) 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)	
FROM ID A1J12.46	TO ID A1J10.2
FROM ID A1P10.2 FROM ID P11-72 (S507-4)	TO ID P11-39 (S507-1) TO ID A1P9.27
FROM ID AlJ9.27	TO ID BUS 2
FROM W1 P2-34 (UUT J1-34)	
FROM ID J1A-5F FROM ID A1P14.18	TO ID A1J14.18 TO ID P13-89 (S202-18)
FROM ID P12-80 (S201-2)	
FROM ID A1J12.40 FROM ID A1P10.8	TO ID A1J10.8
FROM ID P11-205 (S508-10)	TO ID P11-139 (S508-2) TO ID A1P9.2
FROM ID A1J9.2	TO ID BUS 8
FROM W1 P2-37 (UUT J1-37) FROM ID J1B-14F	TO W1 P1B-14F TO ID A1J13.11
FROM ID 018-14F	TO ID P12-38 (S701-11)
TROM ID MIT 13.11	10 12 112 30 (8,01 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)	
FROM ID A1J9.30	TO ID BUS 6
FROM ID BUS 6	TO ID A1J8.48
FROM ID A1P8.48	TO ID P10-171 (S301-50)
FROM ID P10-42 (S301-49)	
FROM ID A1J7.24 FROM ID A1P4.16	TO ID A1J4.16
FROM ID AIP4.16 FROM ID R109.2	TO ID R109.1 TO ID A1P4.9
FROM ID A1J4.9	TO +28V
FROM ID P12-76 (S701-1)	
FROM ID A1J12.50	TO ID A1J10.3
FROM ID A1P10.3	TO ID P11-194 (S506-1)
FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P9.23 TO ID BUS 1
PROPERTO ALOY: 25	10 10 005 1
FROM ID P20-2 (DMM-HI)	TO ID A1P15.49
FROM ID A1J15.49	TO ID A1J8.28
FROM ID A1P8.28	TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3)	
FROM ID A1J6.13	TO ID BUS 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID A1P7.38	TO ID P10-130 (S301-23)
FROM ID P10-229 (S301-24)	
FROM ID A1J7.36	TO GROUND

Date: 04 March 2016

STEP 538

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34, J1.38 AND J2.9. SHORT J3.22, J1.40, AND J1.39 TO GROUND. THE VOLTAGE MEASURED AT PIN J3.3 SHOULD BE LESS THAN 0.9VDC WITH RESPECT TO GROUND.

FROM W1	P2-9 (UUT J1-9)	ТО	W1	P1A-1A
				A1J14.1
FROM ID	J1A-1A A1P14.1			P13-47 (S201-9)
				,
FROM ID	P12-20 (S201-3)	ΤО	TD	A1P12.46
				A1J10.2
FROM ID	A1P10.2 P11-72 (S507-4)	TΩ	TD	Δ1D9 27
	A1J9.27			BUS 2
TROM ID	A109.27	10	ΙD	D0D Z
FROM W1	P2-39 (UUT J1-39)	ΤО	w1	P1A-1F
EDOM ID	T1 7 1 T2			A1J14.9
FROM ID	A1P14.9			P13-17 (S201-26)
TROM ID	AII I I I J	10	ΙD	113 17 (5201 20)
FROM W1	P2-40 (UUT J1-40)	ΤО	w1	P1A-1F
FROM ID	J1A-1F			A1J14.11
FROM ID	A1P14.11			P13-51 (S201-28)
TROM ID	AII I I · I I	10	ΙD	113 31 (5201 20)
FROM W1	P3-22 (UUT J3-22)	ΤО	w1	P1A-3E
FROM ID	T1A-3E			A1J14.13
FROM ID	Δ1D14 13			P13-19 (S201-34)
111011 12	J1A-3E A1P14.13	10		113 17 (8201 31)
	P2-38 (UUT J1-38)	TO	W1	P1B-8B
FROM ID				A1J12.5
	A1P12.5			P12-17 (S201-23)
				(,
FROM ID	P12-20 (S201-3)	ТО	ID	A1P12.46
FROM ID	A1J12.46	ТО	ID	A1J10.2
FROM ID	A1P10.2		ID	P11-39 (S507-1)
FROM ID	P11-72 (S507-4)	TO		A1P9.27
FROM ID	A1P10.2 P11-72 (S507-4) A1J9.27	TO		BUS 2
111011 12	11207127			202 2
FROM W1	P2-34 (UUT J1-34)	ΤО	พ1	P1A-5F
FROM ID	J1A-5F	ΤO	TD	A1J14.18
	A1P14.18			P13-89 (S202-18)
I ICON ID		-0		110 00 (0202 10)
FROM ID	P12-80 (S201-2)	TO	ID	A1P12.40
FROM ID	A1J12.40			A1J10.8
FROM TD	A1J12.40 A1P10.8			P11-139 (S508-2)
FROM ID	P11-205 (S508-10)	TΩ	TD	A1P9.2
	A1J9.2			BUS 8
I KON ID	1110 / . 4	10	$\perp \nu$	200 0

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	P2-37 (UUT J1-37) J1B-14F A1P13.11				
FROM ID FROM ID FROM ID	P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30	TO TO TO	ID ID ID	A1P12.50 A1J10.3 P11-194 A1P9.30 BUS 6	(S506-1)
FROM ID	BUS 6 A1P8.48 P10-42 (S301-49) A1J7.24 A1P4.16 R109.2 A1J4.9	TO TO TO TO TO TO	ID ID ID ID ID ID+28	A1J8.48 P10-171 A1P7.24 A1J4.16 R109.1 A1P4.9	(S301-50)
FROM ID FROM ID FROM ID	P12-76 (S701-1) A1J12.50 A1P10.3 P11-164 (S506-3) A1J9.23	TO TO TO	ID ID	A1J10.3	
FROM ID	P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13	TO TO	ID	A1J8.28 P10-203	(S503-1)
FROM ID FROM ID FROM ID	P20-3 (DMM-LO) A1J15.50 A1P7.38 P10-229 (S301-24) A1J7.36	TO TO TO	ID ID	AlJ7.38 P10-130	(S301-23)

STEP 539

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34, J1.38 AND J2.9. SHORT J3.22, J1.40, AND J1.39 TO GROUND. THE VOLTAGE MEASURED AT PIN J1.2 SHOULD BE LESS THAN 0.9VDC WITH RESPECT TO GROUND.

	P2-9 (UUT J1-9)		P1A-1A
FROM ID			A1J14.1
FROM ID	A1P14.1	JO 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	TD	A1P10.2 P11-72 (S507-4)	ΤО	TD	A1P9.27
		A1J9.27			BUS 2
I. ICOM	דט	A10 9 . 2 /	10	דט	B05 Z
	T.7 T	DO 20 (IIIIII T1 20)	ШΟ	r.7 1	D13 1D
		P2-39 (UUT J1-39)			P1A-1E
		J1A-1E			A1J14.9
FROM	ID	A1P14.9	TO	ID	P13-17 (S201-26)
FROM	W1	P2-40 (UUT J1-40)	TO	W1	P1A-1F
FROM	ID	J1A-1F	TO	ID	A1J14.11
		A1P14.11			P13-51 (S201-28)
			-0		
FPOM	TAT 1	P3-22 (UUT J3-22)	ТΟ	TAT 1	P1A-3E
		J1A-3E			A1J14.13
FROM	TD	A1P14.13	TO	TD	P13-19 (S201-34)
		DO 20 (77777 71 20)			D1D 0D
		P2-38 (UUT J1-38)			
		J1B-8B			A1J12.5
FROM	ID	A1P12.5	TO	ID	P12-17 (S201-23)
FROM	ID	P12-20 (S201-3)	TO	ID	A1P12.46
FROM	ID	A1J12.46	TO	ID	A1J10.2
FROM	ID	A1P10.2	ТО	ID	P11-39 (S507-1)
FROM	TD	P11-72 (S507-4)			A1P9.27
		A1J9.27			BUS 2
ricom	ΙD	A10 7 . 2 /	10	ΙD	D05 2
FROM	₩1	P2-34 (UUT J1-34)	ΤО	₩1	P1A-5F
		J1A-5F			A1J14.18
		A1P14.18			
FROM	ΤD	A1P14.18	10	TD	P13-89 (S202-18)
	TD	D10 00 (G201 0)	ШΟ	TD	71710 40
		P12-80 (S201-2)			A1P12.40
		A1J12.40			A1J10.8
		A1P10.8			P11-139 (S508-2)
FROM	ID	P11-205 (S508-10)	TO	ID	A1P9.2
FROM	ID	A1J9.2	TO	ID	BUS 8
FROM	W1	P2-2 (UUT J1-2)	TO	W1	P1B-14D
FROM	ID	J1B-14D	TO	ID	A1J13.7
		A1P13.7			P12-4 (S701-3)
FROM	ID	P12-76 (S701-1)	ТО	ID	A1P12.50
		A1J12.50			A1J10.3
		A1P10.3			P11-194 (S506-1)
		P11-129 (S506-8)			A1P9.30
FROM	ID	A1J9.30	ТО	ID	BUS 6
		D			71.70 40
		BUS 6			A1J8.48
		A1P8.48			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	ТО	ID	R109.1
		R109.2			A1P4.9
		A1J4.9		+28	
1 1001.1	11	1110 107	10	. 4	•

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	-10 56 (2501 1)			-1-10 -0
FROM ID	P12-76 (S701-1)	J.O	TD	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	GRO	OUND

STEP 540

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34, J1.38, J1.9 AND J1.8. SHORT J3.22, J1.40, J1.39, J1.46, J1.12, AND J1.50 TO GROUND. THE VOLTAGE MEASURED AT PIN J3.3 SHOULD BE LESS THAN 0.9VDC WITH RESPECT TO GROUND.

FROM W1 P2-8 (UUT J1-8) FROM ID J1A-5E FROM ID A1P14.17	
FROM ID P11-147 (S510-4)	TO ID A1J10.50 TO ID P11-244 (S510-2)
FROM W1 P2-46 (UUT J1-46) FROM ID J1B-7B FROM ID A1P12.8	
FROM W1 P2-50 (UUT J1-50) FROM ID J1B-6A FROM ID A1P12.10	TO ID A1J12.10
FROM W1 P2-12 (UUT J1-12) FROM ID J1B-8A FROM ID A1P12.4	TO ID A1J12.4 TO ID P12-18 (S201-22)
FROM W1 P2-9 (UUT J1-9)	TO W1 P1A-1A

FROM ID	J1A-1A	TO ID	A1J14.1
	A1P14.1		P13-47 (S201-9)
			(2,
FROM ID	P12-20 (S201-3)	TO ID	A1P12.46
	A1J12.46		A1J10.2
	A1P10.2		P11-39 (S507-1)
	P11-72 (S507-4)		A1P9.27
	A1J9.27		BUS 2
FROM ID	A109.27	10 10	, POS 7
ББОМ М1	P2-39 (UUT J1-39)	т∩ м1	P1A-1E
	J1A-1E		A1J14.9
	A1P14.9		P13-17 (S201-26)
FROM ID	AIPI4.9	10 10	(5201-20)
FROM W1	P2-40 (UUT J1-40)	т∩ w1	P1A-1F
	J1A-1F		A1J14.11
	A1P14.11		P13-51 (S201-28)
FROM ID	AIPI4.II	10 10	(5201-20)
FROM W1	P3-22 (UUT J3-22)	TO W1	P1A-3E
FROM ID			A1J14.13
	A1P14.13		P13-19 (S201-34)
FROM ID	AIFI4.13	10 10	(5201-54)
FROM W1	P2-38 (UUT J1-38)	TO W1	P1B-8B
	J1B-8B		A1J12.5
	A1P12.5		P12-17 (S201-23)
TROM ID	AII IZ.J	10 10	112 17 (5201 25)
FROM ID	P12-20 (S201-3)	TO ID	A1P12.46
	A1J12.46		A1J10.2
	A1P10.2		P11-39 (S507-1)
	P11-72 (S507-4)		A1P9.27
	A1J9.27		BUS 2
TROM ID	11100.27	10 10	202 2
FROM W1	P2-34 (UUT J1-34)	TO W1	P1A-5F
	J1A-5F		A1J14.18
	A1P14.18		P13-89 (S202-18)
111011 12		10 12	110 05 (2101 10,
FROM ID	P12-80 (S201-2)	TO ID	A1P12.40
FROM ID	A1J12.40	TO ID	A1J10.8
	A1P10.8	TO ID	P11-139 (S508-2)
	P11-205 (S508-10)		A1P9.2
FROM ID			BUS 8
FROM W1	P3-3 (UUT J3-3)	TO W1	P1A-5B
FROM ID		TO ID	A1J15.8
FROM ID	A1P15.8	TO ID	P13-42 (S701-23)
FROM ID	P12-76 (S701-1)	TO ID	A1P12.50
	A1J12.50		A1J10.3
FROM ID	A1P10.3	TO ID	P11-194 (S506-1)
FROM ID	P11-129 (S506-8)		A1P9.30
FROM ID	A1J9.30	TO ID	BUS 6
FROM ID			A1J8.48
	A1P8.48		P10-171 (S301-50)
FROM ID	P10-42 (S301-49)	TO ID	A1P7.24

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FROM ID A1J7.24 FROM ID A1P4.16 FROM ID R109.2 FROM ID A1J4.9	TO ID A1J4.16 TO ID R109.1 TO ID A1P4.9 TO +28V
	TO ID A1J10.3 TO ID P11-194 (S506-1)
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1J8.28 TO ID P10-203 (S503-1)
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1J7.38 TO ID P10-130 (S301-23)

STEP 541

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34, J1.38, J1.9 AND J1.8. SHORT J3.22, J1.40, J1.39, J1.46, J1.12, AND J1.50 TO GROUND. THE FREQUENCY AT PIN J1.14 SHOULD BE BETWEEN .5 AND 13 HZ.

FROM ID 3		ТО	ID	P1A-5E A1J14.17 P13-87 (S202-10)
FROM ID A	A1P10.50 P11-147 (S510-4)	TO TO TO	ID ID ID	A1J10.50 P11-244 (S510-2) A1P9.31
FROM W1 FROM ID FROM ID A		ТО	ID	P1B-7B A1J12.8 P12-50 (S201-30)
FROM ID 3		ТО	ID	P1B-6A A1J12.10 P12-83 (S201-32)
FROM W1 I	P2-12 (UUT J1-12)	TO	W1	P1B-8A

FROM II) J1B-8A	TO ID	A1J12.4
FROM II	A1P12.4	TO ID	P12-18 (S201-22)
	P2-9 (UUT J1-9)		P1A-1A
) J1A-1A		A1J14.1
FROM II	A1P14.1	TO ID	P13-47 (S201-9)
	-10 00 (-001 0)		-1-10 11
	P12-20 (S201-3)		A1P12.46
	A1J12.46		A1J10.2
	A1P10.2		P11-39 (S507-1)
	P11-72 (S507-4) A1J9.27		A1P9.27
FROM IL) AIJ9.27	10 10	BUS 2
FROM W1	. P2-39 (UUT J1-39)	TO ₩1	P1A-1E
) J1A-1E		A1J14.9
	A1P14.9		P13-17 (S201-26)
TROM IL	, , , , , , , , , , , , , , , , , , , ,	10 10	113 17 (5201 20)
FROM W1	P2-40 (UUT J1-40)	TO W1	P1A-1F
FROM II) J1A-1F	TO ID	A1J14.11
FROM II	A1P14.11	TO ID	P13-51 (S201-28)
	P3-22 (UUT J3-22)		
) J1A-3E		A1J14.13
FROM II	A1P14.13	TO ID	P13-19 (S201-34)
	DO 20 (7777 71 20)	mo1	D1D 0D
	P2-38 (UUT J1-38)		
) J1B-8B		A1J12.5
FROM IL	A1P12.5	10 10	P12-17 (S201-23)
FROM TE	P12-20 (S201-3)	TO ID	A1P12 46
	A1J12.46		A1J10.2
	A1P10.2		P11-39 (S507-1)
	P11-72 (S507-4)		A1P9.27
	A1J9.27		BUS 2
FROM W1	P2-34 (UUT J1-34)	TO W1	P1A-5F
FROM II) J1A-5F	TO ID	A1J14.18
FROM II	A1P14.18	TO ID	P13-89 (S202-18)
	P12-80 (S201-2)		A1P12.40
	A1J12.40		A1J10.8
	A1P10.8		P11-139 (S508-2)
	P11-205 (S508-10)		A1P9.2
FROM II	A1J9.2	TO ID	BUS 8
FROM W1	. P2-14 (UUT J1-14)	ፐር	P1A-3A
) J1A-3A		A1J15.1
	A1P15.1		P13-39 (S701-7)
			(
FROM II	P12-76 (S701-1)	TO ID	A1P12.50
FROM II	A1J12.50		A1J10.3
FROM II	A1P10.3	TO ID	P11-194 (S506-1)
FROM II	P11-129 (S506-8)	TO ID	A1P9.30
FROM II	A1J9.30	TO ID	BUS 6

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FROM ID BUS 6 FROM ID A1P8.48 FROM ID P10-42 (S301-49) FROM ID A1J7.24 FROM ID A1P4.16 FROM ID R109.2	TO ID A1J4.16 TO ID R109.1 TO ID A1P4.9
FROM ID A1J4.9 FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3)	TO ID A1J10.3 TO ID P11-194 (S506-1)
FROM ID A1J9.23 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 BUS 1 TO ID A1P21.1 TO ID A1J6.8 TO ID P10-162 (S501-2)

STEP 542

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34, J1.38, J1.9 AND J1.8. SHORT J3.22, J1.40, J1.39, J1.46, J1.12, AND J1.50 TO GROUND. THE FREQUENCY AT PIN J1.3 SHOULD BE BETWEEN .5 AND 13 HZ.

FROM W1 P2-8 (TFROM ID J1A-5EFROM ID A1P14.1		TO II	
FROM ID P13-29 FROM ID A1J14.5 FROM ID A1P10.5 FROM ID P11-147 FROM ID A1J9.33	50 50 7 (S510-4)	TO II TO II	D A1J10.50 D P11-244 (S510-2) D A1P9.31
FROM W1 P2-46 (FROM ID J1B-7B) FROM ID A1P12.8		TO II	
FROM W1 P2-50 (FROM ID J1B-6A) FROM ID A1P12.1		TO II	P1B-6A A1J12.10 P12-83 (S201-32)
FROM W1 P2-12 (FROM ID J1B-8A) FROM ID A1P12.4	,	TO II	P1B-8A A1J12.4 P12-18 (S201-22)

FROM	W1	P2-9 (UUT J1-9)	TO	W1	P1A-1A
		J1A-1A			A1J14.1
FROM	ID	A1P14.1	TO	ID	P13-47 (S201-9)
FROM	ID	P12-20 (S201-3)	TO	ID	A1P12.46
FROM	ID	A1J12.46	ТО	ID	A1J10.2
		A1P10.2			P11-39 (S507-1)
		P11-72 (S507-4)			A1P9.27
		A1J9.27			BUS 2
FROM	W1	P2-39 (UUT J1-39)	ТО	W1	P1A-1E
		J1A-1E			A1J14.9
		A1P14.9			P13-17 (S201-26)
					,
FROM	W1	P2-40 (UUT J1-40)	ТО	W1	P1A-1F
		J1A-1F			A1J14.11
		A1P14.11			P13-51 (S201-28)
					110 01 (2101 10)
FROM	W1	P3-22 (UUT J3-22)	ТО	W1	P1A-3E
		J1A-3E		ID	A1J14.13
		A1P14.13	ТО	ID	P13-19 (S201-34)
					,
FROM	W1	P2-38 (UUT J1-38)	ТО	W1	P1B-8B
FROM	ID	J1B-8B	ТО	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	ТО	ID	BUS 2
FROM	W1	P2-34 (UUT J1-34)	TO	W1	P1A-5F
FROM	ID	J1A-5F	TO	ID	A1J14.18
FROM	ID	A1P14.18	TO	ID	P13-89 (S202-18)
FROM	ID	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	P2-3 (UUT J1-3)	TO	W1	P1B-14E
FROM	ID	J1B-14E	TO	ID	A1J13.9
FROM	ID	A1P13.9	TO	ID	P12-36 (S701-5)
		P12-76 (S701-1)			A1P12.50
		A1J12.50			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
		BUS 6			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	+28	3V
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)	ТО	ID	A1P7.29
FROM	ID	A1J7.29	ТО	ID	BUS 1

STEP 543

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34, J1.38, J1.9 AND J1.8. SHORT J3.22, J1.40, J1.39, J1.46, J1.12, AND J1.50 TO GROUND. THE FREQUENCY AT PIN J1.49 SHOULD BE BETWEEN .5 AND 13 HZ.

FROM W1 P2-8 (UUT J1-8) FROM ID J1A-5E FROM ID A1P14.17	TO W1 P1A-5E TO ID A1J14.17 TO ID P13-87 (S202-10)
FROM ID P13-29 (S202-4) FROM ID A1J14.50 FROM ID A1P10.50 FROM ID P11-147 (S510-4) FROM ID A1J9.31	TO ID A1J10.50 TO ID P11-244 (S510-2)
FROM W1 P2-46 (UUT J1-46) FROM ID J1B-7B FROM ID A1P12.8	TO W1 P1B-7B TO ID A1J12.8 TO ID P12-50 (S201-30)
FROM W1 P2-50 (UUT J1-50) FROM ID J1B-6A FROM ID A1P12.10	TO ID A1J12.10
FROM W1 P2-12 (UUT J1-12) FROM ID J1B-8A FROM ID A1P12.4	TO ID A1J12.4
FROM W1 P2-9 (UUT J1-9) FROM ID J1A-1A	TO W1 P1A-1A TO ID A1J14.1

FROM ID A1P14.1	TO	ID 1	P13-47 (S201-9)
FROM ID P12-20 (S20	1-3) TO	TD :	A1P12.46
FROM ID AlJ12.46			A1J10.2
FROM ID A1012.10			P11-39 (S507-1)
FROM ID P11-72 (S50			A1P9.27
			BUS 2
FROM ID A1J9.27	10	ו עד	BUS 2
FROM W1 P2-39 (UUT			
FROM ID J1A-1E			A1J14.9
FROM ID A1P14.9	TO	ID 1	P13-17 (S201-26)
FROM W1 P2-40 (UUT	J1-40) TO	W1 1	P1A-1F
FROM ID J1A-1F			A1J14.11
FROM ID A1P14.11			P13-51 (S201-28)
FROM W1 P3-22 (UUT			P1A-3E
FROM ID J1A-3E			A1J14.13
FROM ID A1P14.13	TO	ID 1	P13-19 (S201-34)
FROM W1 P2-38 (UUT	J1-38) TO	W1 1	P1B-8B
FROM ID J1B-8B			A1J12.5
FROM ID A1P12.5	TO	ID 1	P12-17 (S201-23)
FROM ID P12-20 (S20	1-3) то	TD 2	A1P12.46
FROM ID AlJ12.46			A1J10.2
FROM ID A1P10.2			P11-39 (S507-1)
FROM ID P11-72 (S50			A1P9.27
FROM ID F11 72 (550) FROM ID A1J9.27			BUS 2
FROM ID ALU9.27	10	ו עד	BUS 2
FROM W1 P2-34 (UUT			P1A-5F
FROM ID J1A-5F	TO	ID Z	A1J14.18
FROM ID A1P14.18	TO	ID I	P13-89 (S202-18)
FROM ID P12-80 (S20	1-2) TO	ID Z	A1P12.40
FROM ID A1J12.40	TO	ID Z	A1J10.8
FROM ID A1P10.8	TO	ID I	P11-139 (S508-2)
FROM ID P11-205 (S5			A1P9.2
FROM ID A1J9.2			BUS 8
FROM W1 P2-49 (UUT	J1-49) TO	W1 1	P1B-4B
FROM ID J1A-4B			A1J15.5
FROM ID A1P15.5			P13-72 (S701-15)
TROM ID ATT 13.3	10	י עד	115 /2 (5/01 15)
FROM ID P12-76 (S70			A1P12.50
FROM ID A1J12.50			A1J10.3
FROM ID A1P10.3			P11-194 (S506-1)
FROM ID P11-129 (S5	06-8) TO	ID Z	A1P9.30
FROM ID A1J9.30	TO	ID 1	BUS 6
FROM ID BUS 6	TO	ID 2	A1J8.48
FROM ID A1P8.48	TO	ID I	P10-171 (S301-50)
FROM ID P10-42 (S30			A1P7.24
FROM ID A1J7.24			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 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 PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34, J1.38, J1.9 AND J1.8. SHORT J3.22, J1.40, J1.39, J1.46, J1.12 AND J1.50 TO GROUND. THE VOLTAGE MEASURED AT PIN J1.37 SHOULD BE LESS THAN 0.9VDC WITH RESPECT TO GROUND.

FROM W1 P2-8 (UUT J1-8)	
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 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 J1-46)	TO W1 P1B-7B
FROM ID J1B-7B	TO ID A1J12.8
FROM ID A1P12.8	TO ID P12-50 (S201-30)
FROM W1 P2-50 (UUT J1-50)	TO W1 P1B-6A
FROM ID J1B-6A	TO ID A1J12.10
FROM ID A1P12.10	TO ID P12-83 (S201-32)
FROM W1 P2-12 (UUT J1-12)	TO W1 P1B-8A
FROM ID J1B-8A	TO ID A1J12.4
FROM ID A1P12.4	TO ID P12-18 (S201-22)
· ·	10 (2202 = 2,
FROM W1 P2-9 (UUT J1-9)	TO W1 P1A-1A
FROM ID J1A-1A	TO ID A1J14.1
FROM ID A1P14.1	TO ID P13-47 (S201-9)
11(011 10 1111 11.1	10 10 110 17 (0201)

FROM ID P12-20 (S201-3)	TO ID A1P12.46
FROM ID A1J12.46	TO ID A1J10.2
FROM ID A1P10.2	TO ID P11-39 (S507-1)
FROM ID P11-72 (S507-4)	
FROM ID A1J9.27	TO ID BUS 2
FROM W1 P2-39 (UUT J1-39)	
FROM ID J1A-1E	TO ID A1J14.9
FROM ID A1P14.9	TO ID P13-17 (S201-26)
FROM W1 P2-40 (UUT J1-40)	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)	
FROM ID J1A-3E	TO ID A1J14.13
FROM ID A1P14.13	TO ID P13-19 (S201-34)
FROM W1 P2-38 (UUT J1-38)	
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)	
FROM ID A1J9.27	TO ID BUS 2
FROM W1 P2-34 (UUT J1-34)	
FROM ID J1A-5F	TO ID A1J14.18
FROM ID A1P14.18	TO ID P13-89 (S202-18)
FROM ID P12-80 (S201-2)	TO ID A1P12.40
FROM ID A1J12.40	TO ID A1J10.8
FROM ID A1P10.8	TO ID P11-139 (S508-2)
FROM ID P11-205 (S508-10)	
FROM ID A1J9.2	TO ID BUS 8
FROM W1 P2-37 (UUT J1-37)	
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 AlP12.50
FROM ID A1J12.50	TO ID A1J10.3
FROM ID A1P10.3	TO ID P11-194 (S506-1) TO ID A1P9.30
FROM ID P11-129 (S506-8) FROM ID A1J9.30	TO ID AIP9.30 TO ID BUS 6
PROPE TO ALUP. 30	0 מום עד 10
FROM ID BUS 6	TO ID A1J8.48
FROM ID A1P8.48	TO ID P10-171 (S301-50)
FROM ID P10-42 (S301-49) FROM ID A1J7.24	TO ID A1P7.24 TO ID A1J4.16
FROM ID AIJ7.24 FROM ID A1P4.16	TO ID A134.16
FROM ID AIP4.10 FROM ID R109.2	TO ID A1P4.9
	·

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FROM	ID	A1J4.9	ТО	+28	3V
FROM	ID	P12-76 (S701-1)	ТО	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	GRO	DUND

STEP 545

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34, J1.38, J1.9 AND J1.8. SHORT J3.22, J1.40, J1.39, J1.46, J1.12 AND J1.50 TO GROUND. THE VOLTAGE MEASURED AT PIN J1.2 SHOULD BE LESS THAN 0.9VDC WITH RESPECT TO GROUND.

FROM W1 P2-8 (UUT J1-8) FROM ID J1A-5E FROM ID A1P14.17	
FROM ID P13-29 (S202-4) FROM ID A1J14.50 FROM ID A1P10.50 FROM ID P11-147 (S510-4) FROM ID A1J9.31	TO ID A1J10.50 TO ID P11-244 (S510-2)
FROM W1 P2-46 (UUT J1-46) FROM ID J1B-7B FROM ID A1P12.8	
FROM W1 P2-50 (UUT J1-50) FROM ID J1B-6A FROM ID A1P12.10	
FROM W1 P2-12 (UUT J1-12) FROM ID J1B-8A FROM ID A1P12.4	

FROM W1	P2-9 (UUT J1-9)	TO W1	P1A-1A
	J1A-1A		A1J14.1
FROM ID	A1P14.1	TO ID	P13-47 (S201-9)
FROM ID	P12-20 (S201-3)	TO ID	A1P12.46
FROM ID	A1J12.46	TO ID	A1J10.2
	A1P10.2		P11-39 (S507-1)
	P11-72 (S507-4)		A1P9.27
	A1J9.27		BUS 2
FROM W1	P2-39 (UUT J1-39)	TO W1	P1A-1E
	J1A-1E		A1J14.9
	A1P14.9		P13-17 (S201-26)
111011 12		10 12	110 17 (8101 107
FROM W1	P2-40 (UUT J1-40)	TO W1	P1A-1F
	J1A-1F		A1J14.11
	A1P14.11		P13-51 (S201-28)
I KOM ID	AII II, II	10 11	113 31 (8201 20)
FROM W1	P3-22 (UUT J3-22)	TO W1	P1A-3E
	J1A-3E		A1J14.13
	A1P14.13		P13-19 (S201-34)
FROM ID	AIFI4.13	10 11	(5201-34)
FROM W1	P2-38 (UUT J1-38)	TO W1	P1B-8B
	J1B-8B		A1J12.5
	A1P12.5		P12-17 (S201-23)
TROM ID	7111 12.5	10 12	112 17 (8201 23)
FROM ID	P12-20 (S201-3)	TO ID	A1P12.46
	A1J12.46		A1J10.2
	A1P10.2		P11-39 (S507-1)
	P11-72 (S507-4)		A1P9.27
	A1J9.27		BUS 2
I KOM ID	A10 7 . 2 /	10 11	, B05 Z
FROM W1	P2-34 (UUT J1-34)	TO W1	P1A-5F
	J1A-5F		A1J14.18
	A1P14.18		P13-89 (S202-18)
111011 12		10 12	
FROM ID	P12-80 (S201-2)	TO ID	A1P12.40
FROM ID	A1J12.40	TO ID	A1J10.8
FROM ID	A1P10.8	TO ID	P11-139 (S508-2)
	P11-205 (S508-10)		A1P9.2
	A1J9.2		BUS 8
111011 12	11109.1	10 12	202 0
FROM W1	P2-2 (UUT J1-2)	TO W1	P1B-14D
	J1B-14D		A1J13.7
	A1P13.7		P12-4 (S701-3)
111011 12	1111 10 7 /	10 12	
FROM ID	P12-76 (S701-1)	TO ID	A1P12.50
	A1J12.50		A1J10.3
	A1P10.3		P11-194 (S506-1)
	P11-129 (S506-8)		A1P9.30
	A1J9.30		BUS 6
11.011 1D			
FROM ID	BUS 6	TO ID	A1J8.48
	A1P8.48		P10-171 (S301-50)
11.011 1D		10 10	110 111 (8301 30)

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

STEP 546

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.31, J3.2 AND J3.8. THE VOLTAGE MEASURED AT PIN J1.65 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 P2-67 (UUT J1-67) FROM ID J1A-6F FROM ID A1P14.20	TO W1 P1A-6F TO ID A1J14.20 TO ID P13-24 (S202-20)
FROM W1 P2-31 (UUT J1-31) FROM ID J1A-2C FROM ID A1P14.6	TO W1 P1A-2C TO ID A1J14.6 TO ID P13-15 (S201-19)
FROM ID P12-20 (S201-3)	,
FROM ID A1J12.46 FROM ID A1P10.2	TO ID A1J10.2 TO ID P11-39 (S507-1)
FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P9.27 TO ID BUS 2
FROM W1 P3-2 (UUT J3-2) FROM ID J1A-2F FROM ID A1P14.12	TO W1 P1A-2F TO ID A1J14.12 TO ID P13-52 (S201-33)

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FROM ID	P3-8 (UUT J3-8) J1A-2D A1P14.9	TO ID	P1A-2D A1J14.8 P13-50 (S201-25)
FROM ID	P2-65 (UUT J1-65) J1A-7A A1P15.13	TO ID	P1A-7A A1J15.13 P13-45 (S701-39)
FROM ID FROM ID	P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30	TO ID TO ID TO ID	A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6
FROM ID FROM ID FROM ID	P10-9 (S301-53) A1J7.26 A1P4.18 R108.2	TO ID TO ID TO ID	A1J8.50 P10-138 (S301-54) A1P7.26 A1J4.18 R108.1 A1P4.10 OUND
FROM ID FROM ID	P12-76 (S701-1) A1J12.50 A1P10.3 P11-164 (S506-3) A1J9.23	TO ID TO ID TO ID	A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.23 BUS 1
FROM ID FROM ID	P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13	TO ID TO ID TO ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
FROM ID FROM ID	P20-3 (DMM-LO) A1J15.50 A1P7.38 P10-229 (S301-24) A1J7.36	TO ID	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36 OUND

STEP 547

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.31, J3.2 AND J3.8. THE VOLTAGE MEASURED AT PIN J1.25 SHOULD BE BETWEEN 27.0 AND 27.6VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS: SEE "UUT POWER"

FROM W1 P2-67 (UUT J1-67) TO W1 P1A-6F FROM ID J1A-6F TO ID A1J14.20

FROM ID A1P14.20	TO ID P13-24 (S202-20)
FROM W1 P2-31 (UUT J1-31)	TO W1 D1X-2C
FROM ID J1A-2C	TO ID A1J14.6
	TO ID P13-15 (S201-19)
FROM ID A1P14.6	10 1D P13-15 (S201-19)
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
EDOM 1/1 D2 2 / LITTE T2 2\	EO 1/1 D17 OF
FROM W1 P3-2 (UUT J3-2)	
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)	
FROM ID J1A-2D	TO ID A1J14.8
FROM ID A1P14.9	TO ID P13-50 (S201-25)
FROM W1 P2-25 (UUT J1-25)	TO W1 P1A-5C
FROM ID J1A-5C	TO ID A1J15.9
FROM ID A1P15.9	TO ID P13-75 (S701-31)
EDOM TD D10 76 /0701 1)	TO TO \$1010 FO
FROM ID P12-76 (S701-1)	
FROM ID A1J12.50	TO ID A1J10.3
FROM ID A1P10.3	TO ID P11-194 (S506-1)
FROM ID P11-129 (S506-8)	
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)	
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
11.011 12 1120 1120	10 01100112
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 A1013.49 FROM ID A1P8.28	TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3)	
· · · · · · · · · · · · · · · · · · ·	
FROM ID A1J6.13	TO ID BUS 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID A1P7.38	TO ID P10-130 (S301-23)
FROM ID P10-229 (S301-24)	
INON ID IIO 227 (DOUI 21)	10 1D DII 1.30

Date: 04 March 2016

FROM ID A1J7.36 TO GROUND

STEP 548

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2 AND J3.8. THE VOLTAGE MEASURED AT PIN J1.65 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

FROM W1 P2- FROM ID J12 FROM ID A11		TO	ID	P1A-6F A1J14.20 P13-24 (S202-20)
	-2 (UUT J3-2) A-2F	TO	ID	P1A-2F A1J14.12 P13-52 (S201-33)
FROM ID All	P10.2 1-72 (S507-4)	TO TO	ID ID	P11-39 (S507-1)
FROM W1 P3- FROM ID J12 FROM ID A11		10	Tυ	P1A-2D A1J14.8 P13-50 (S201-25)
FROM W1 P2- FROM ID J12 FROM ID A11	-65 (UUT J1-65) A-7A P15.13	TO	ID	P1A-7A A1J15.13 P13-45 (S701-39)
FROM ID A13	P10.3 1-129 (S506-8)	ТО	ID	A1J10.3
FROM ID BUS FROM ID A1S FROM ID A1S FROM ID A1S FROM ID A1S FROM ID R10 FROM ID A1S	P8.50 0-9 (S301-53) J7.26 P4.18 08.2	TO TO TO TO	ID ID ID ID	A1J8.50 P10-138 (S301-54) A1P7.26 A1J4.18 R108.1 A1P4.10
FROM ID A1		TO	ID	P11-194 (S506-1)

Date: 04 March 2016

FROM ID A1J9.23	TO ID BUS 1
FROM ID P20-2 (DMM-HI)	TO ID A1P15.49
FROM ID A1J15.49	TO ID A1J8.28
FROM ID A1P8.28	TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3)	TO ID A1P6.13
FROM ID A1J6.13	TO ID BUS 1
FROM ID P20-3 (DMM-LO)	TO ID A1P15.50
FROM ID A1J15.50	TO ID A1J7.38
FROM ID A1P7.38	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 PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2 AND J3.8. THE VOLTAGE MEASURED AT PIN J1.25 SHOULD BE LESS THAN .05VDC WITH RESPECT TO GROUND.

FROM W1 P2-67 (UUT J1-67)	
FROM ID J1A-6F	TO ID A1J14.20
FROM ID A1P14.20	TO ID P13-24 (S202-20)
FROM W1 P3-2 (UUT J3-2)	
FROM ID J1A-2F	TO ID A1J14.12
FROM ID A1P14.12	TO ID P13-52 (S201-33)
FROM ID P12-20 (S201-3)	TO ID A1P12.46
FROM ID A1J12.46	TO ID A1J10.2
FROM ID A1P10.2	TO ID P11-39 (S507-1)
FROM ID P11-72 (S507-4)	TO ID A1P9.27
FROM ID A1J9.27	TO ID BUS 2
FROM W1 P3-8 (UUT J3-8)	TO W1 P1A-2D
FROM WI PS-6 (UUI US-6)	IO WI PIA-ZD
FROM ID J1A-2D	TO ID AlJ14.8
FROM ID J1A-2D	TO ID A1J14.8 TO ID P13-50 (S201-25)
FROM ID J1A-2D FROM ID A1P14.9	TO ID A1J14.8 TO ID P13-50 (S201-25)
FROM ID J1A-2D FROM ID A1P14.9 FROM W1 P2-25 (UUT J1-25)	TO ID A1J14.8 TO ID P13-50 (S201-25) TO W1 P1A-5C
FROM ID J1A-2D FROM ID A1P14.9 FROM W1 P2-25 (UUT J1-25) FROM ID J1A-5C	TO ID A1J14.8 TO ID P13-50 (S201-25) TO W1 P1A-5C TO ID A1J15.9 TO ID P13-75 (S701-31)
FROM ID J1A-2D FROM ID A1P14.9 FROM W1 P2-25 (UUT J1-25) FROM ID J1A-5C FROM ID A1P15.9	TO ID A1J14.8 TO ID P13-50 (S201-25) TO W1 P1A-5C TO ID A1J15.9 TO ID P13-75 (S701-31)
FROM ID J1A-2D FROM ID A1P14.9 FROM W1 P2-25 (UUT J1-25) FROM ID J1A-5C FROM ID A1P15.9 FROM ID P12-76 (S701-1)	TO ID A1J14.8 TO ID P13-50 (S201-25) TO W1 P1A-5C TO ID A1J15.9 TO ID P13-75 (S701-31) TO ID A1P12.50
FROM ID J1A-2D FROM ID A1P14.9 FROM W1 P2-25 (UUT J1-25) FROM ID J1A-5C FROM ID A1P15.9 FROM ID P12-76 (S701-1) FROM ID A1J12.50	TO ID A1J14.8 TO ID P13-50 (S201-25) TO W1 P1A-5C TO ID A1J15.9 TO ID P13-75 (S701-31) TO ID A1P12.50 TO ID A1J10.3 TO ID P11-194 (S506-1)
FROM ID J1A-2D FROM ID A1P14.9 FROM W1 P2-25 (UUT J1-25) FROM ID J1A-5C FROM ID A1P15.9 FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3	TO ID A1J14.8 TO ID P13-50 (S201-25) TO W1 P1A-5C TO ID A1J15.9 TO ID P13-75 (S701-31) TO ID A1P12.50 TO ID A1J10.3 TO ID P11-194 (S506-1)

Date: 04 March 2016

FROM ID F	A1P8.50 P10-9 (S301-53)	TO TO	ID ID		(S301-54)
FROM ID R	A1P4.18 R108.2	TO TO	ID ID	R104.10 R108.1 A1P4.10 DUND	
FROM ID A	A1P10.3 P11-164 (S506-3)	TO TO TO	ID ID ID	A1J10.3 P11-194	(S506-1)
FROM ID A	A1P8.28 P10-77 (S503-3)	TO TO TO	ID ID ID	A1J8.28 P10-203	(S503-1)
FROM ID A	A1P7.38 P10-229 (S301-24)	TO TO TO	ID ID ID	A1J7.38 P10-130	(S301-23)

STEP 550

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J3.8, J1.29, J1.22 AND J1.47. THE VOLTAGE MEASURED AT PIN J1.65 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS: SEE "UUT POWER"

FROM W1 P2-67 (UUT J1-67)
FROM ID J1A-6F
TO ID A1J14.20
TO ID P13-24 (S202-20)

FROM W1 P2-29 (UUT J1-29)
FROM ID J1A-1C
FROM ID A1P14.5
FROM ID A1P14.5

FROM W1 P2-22 (UUT J1-22)
FROM W1 P2-22 (UUT J1-22)
FROM ID J1A-1B
FROM ID J1A-1B
FROM ID A1P14.3

FROM W1 P2-47 (UUT J1-47)

FROM W1 P2-47 (UUT J1-47)

TO W1 P1A-3F

FROM W1 P2-47 (UUT J1-47) TO W1 P1A-3F FROM ID J1A-3F TO ID A1J14.14 FROM ID A1P14.14 TO ID P13-18 (S201-35)

	P3-2 (UUT J3-2) J1A-2F A1P14.12	TO II	P1A-2F A1J14.12 P13-52 (S201-33)
FROM W1 FROM ID FROM ID		TO II	P1A-2D A1J14.8 P13-50 (S201-25)
FROM ID FROM ID FROM ID	P12-20 (S201-3) A1J12.46 A1P10.2 P11-72 (S507-4) A1J9.27	TO II TO II	D A1J10.2 D P11-39 (S507-1)
FROM ID	P3-8 (UUT J3-8) J1A-2D A1P14.9	TO II	P1A-2D A1J14.8 P13-50 (S201-25)
FROM ID	P2-65 (UUT J1-65) J1A-7A A1P15.13	TO II	P1A-7A A1J15.13 P13-45 (S701-39)
FROM ID FROM ID	P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30	TO II TO II) A1J10.3) P11-194 (S506-1)
FROM ID FROM ID FROM ID FROM ID FROM ID	P10-9 (S301-53) A1J7.26 A1P4.18	TO II TO II TO II TO II TO II	A1J8.50 P10-138 (S301-54) A1P7.26 A1J4.18 PR108.1 A1P4.10
FROM ID FROM ID FROM ID	P12-76 (S701-1) A1J12.50 A1P10.3 P11-164 (S506-3)	TO II TO II TO II TO II	A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.23 BUS 1
FROM ID FROM ID	P10-77 (S503-3)	TO II TO II	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
FROM ID FROM ID	P10-229 (S301-24)	TO II TO II	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36

Date: 04 March 2016

STEP 551

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J3.8, J1.29, J1.22 AND J1.47. THE VOLTAGE MEASURED AT PIN J3.1 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

	P2-67 (UUT J1-67)		
FROM ID	J1A-6F	TO ID	A1J14.20
FROM ID	J1A-6F A1P14.20	TO ID	P13-24 (S202-20)
FROM W1	P2-29 (UUT J1-29)	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 J1-22)	TO W1	P1A-1B
FROM ID			A1J14.3
FROM ID	A1P14.3	TO ID	P13-80 (S201-11)
FROM W1	P2-47 (UUT J1-47)	TO W1	P1A-3F
FROM ID			A1J14.14
	A1P14.14		P13-18 (S201-35)
	P3-2 (UUT J3-2)	TO W1	P1A-2F
FROM ID			A1J14.12
FROM ID	A1P14.12	TO ID	P13-52 (S201-33)
FROM W1	P3-8 (UUT J3-8) J1A-2D	TO W1	P1A-2D
	0 = 11 = 2 = 2	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	P12-20 (S201-3) 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	P3-8 (UUT J3-8)	TO W1	P1A-2D
FROM ID			A1J14.8
FROM ID	A1P14.9	TO ID	P13-50 (S201-25)
FROM W1	P3-1 (UUT J3-1)	TO W1	P1R-11E
FROM ID	.T1R_11E	TO ID	A1J13.22
FROM ID	A1P13.22		P12-75 (S701-43)
		TO ID	Δ1D12 50
FROM ID	P12-76 (S701-1) A1J12.50	TO ID	A1J10.3
	A1P10.3	TO ID	P11-194 (S506-1)
	P11-129 (S506-8)	TO ID	A1P9.30

Date: 04 March 2016

FROM I	ID A1J9.30	TO ID BUS 6
FROM I FROM I FROM I	ID BUS 6 ID A1P8.50 ID P10-9 (S301-53) ID A1J7.26 ID A1P4.18 ID R108.2 ID A1J4.10	TO ID A1P7.26
FROM I FROM I FROM I	ID P12-76 (S701-1) ID A1J12.50 ID A1P10.3 ID P11-164 (S506-3) ID A1J9.23	TO ID A1J10.3 TO ID P11-194 (S506-1)
FROM I FROM I FROM I	ID P20-2 (DMM-HI) ID A1J15.49 ID A1P8.28 ID P10-77 (S503-3) ID A1J6.13	TO ID A1J8.28 TO ID P10-203 (S503-1)
FROM I FROM I FROM I	ID P20-3 (DMM-LO) ID A1J15.50 ID A1P7.38 ID P10-229 (S301-24) ID A1J7.36	TO ID A1J7.38 TO ID P10-130 (S301-23)

STEP 552

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J3.8, J1.29, J1.22 AND J1.47. THE VOLTAGE MEASURED AT PIN J1.63 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

FROM W1 P2-67 (UUT J1-67)	TO W1 P1A-6F
FROM ID J1A-6F	TO ID A1J14.20
FROM ID A1P14.20	TO ID P13-24 (S202-20)
FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM W1 P2-22 (UUT J1-22) FROM ID J1A-1B FROM ID A1P14.3	TO W1 P1A-1B TO ID A1J14.3 TO ID P13-80 (S201-11)
FROM W1 P2-47 (UUT J1-47)	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)	ΤО	W 1	P1A-2F
FROM ID				A1J14.12
	A1P14.12			P13-52 (S201-33)
111011 12	1111 11.12	-0		113 32 (2201 33)
FROM W1	P3-8 (UUT J3-8)	ΤО	w1	P1A-2D
FROM ID				A1J14.8
	A1P14.9			P13-50 (S201-25)
FROM ID	P12-20 (S201-3)	ТО	ID	A1P12.46
	A1J12.46			A1J10.2
	A1P10.2			P11-39 (S507-1)
FROM ID	P11-72 (S507-4)			A1P9.27
	A1J9.27	TO	ID	BUS 2
	P3-8 (UUT J3-8)			P1A-2D
FROM ID				A1J14.8
FROM ID	A1P14.9	TO	ID	P13-50 (S201-25)
	P2-63 (UUT J1-63)			P1A-6B
FROM ID				A1J15.11
F'ROM ID	A1P15.11	TO	TD	P13-10 (S701-33)
EDOM ID	P12-76 (S701-1)	ТΟ	TD	A1P12.50
	A1J12.50			A1J10.3
	A1P10.3			P11-194 (S506-1)
	P11-129 (S506-8)			A1P9.30
	A1J9.30			BUS 6
TROM ID	A109.30	10	ΙD	D0D 0
FROM ID	BUS 6	ТО	ID	A1J8.50
	A1P8.50			P10-138 (S301-54)
FROM ID	P10-9 (S301-53)	TO	ID	A1P7.26
	A1J7.26		ID	A1J4.18
FROM ID	A1P4.18	ТО	ID	R108.1
FROM ID	R108.2	TO	ID	A1P4.10
FROM ID	A1J4.10	TO	GRO	DUND
	P12-76 (S701-1)			A1P12.50
	A1J12.50			A1J10.3
	A1P10.3			P11-194 (S506-1)
	P11-164 (S506-3)			A1P9.23
FROM ID	A1J9.23	JO	TD	BUS 1
FROM TO	P20-2 (DMM-HI)	ΤО	ΤD	A1P15.49
	A1J15.49			A1J8.28
	A1P8.28			P10-203 (S503-1)
	P10-77 (S503-3)			A1P6.13
	A1J6.13			BUS 1
	· · · · · · · · ·	- 0		
FROM ID	P20-3 (DMM-LO)	ТО	ID	A1P15.50
	A1J15.50			A1J7.38
	A1P7.38			P10-130 (S301-23)
	P10-229 (S301-24)			

Date: 04 March 2016

FROM ID A1J7.36 TO GROUND

STEP 553

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J3.8, J1.29 AND J1.22. THE VOLTAGE MEASURED AT PIN J1.65 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

FROM ID	P2-67 (UUT J1-67) J1A-6F A1P14.20	TO ID	P1A-6F A1J14.20 P13-24 (S202-20)
FROM ID	P2-29 (UUT J1-29) J1A-1C A1P14.5	TO ID	P1A-1C A1J14.5 P13-49 (S201-17)
I KOM ID	P2-22 (UUT J1-22) J1A-1B A1P14.3	10 10	P1A-1B A1J14.3 P13-80 (S201-11)
FROM ID	P3-2 (UUT J3-2) J1A-2F A1P14.12	TO ID	P1A-2F A1J14.12 P13-52 (S201-33)
FROM ID	P3-8 (UUT J3-8) J1A-2D A1P14.9	TO ID	P1A-2D A1J14.8 P13-50 (S201-25)
FROM ID FROM ID FROM ID	P12-20 (S201-3) A1J12.46 A1P10.2 P11-72 (S507-4) A1J9.27	TO ID TO ID TO ID	A1P12.46 A1J10.2 P11-39 (S507-1) A1P9.27 BUS 2
FROM ID	P3-8 (UUT J3-8) J1A-2D A1P14.9	TO ID	P1A-2D A1J14.8 P13-50 (S201-25)
FROM ID	P2-65 (UUT J1-65) J1A-7A A1P15.13	TO ID	P1A-7A A1J15.13 P13-45 (S701-39)
FROM ID	P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30	TO ID	A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6

Date: 04 March 2016

FROM	ID	BUS 6	ТО	ID	A1J8.50	
FROM	ID	BUS 6 A1P8.50	TO	ID	P10-138	(S301-54)
FROM	ID	P10-9 (S301-53)	TO	ID	A1P7.26	
FROM	ID	A1J7.26	ТО	ID	A1J4.18	
FROM	ID	A1P4.18	TO	ID	R108.1	
FROM	ID	R108.2	TO	ID	A1P4.10	
FROM	ID	A1J4.10	TO	GRO	DUND	
FROM	ID	P12-76 (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	
_		A1P8.28	TO	ID	P10-203	(S503-1)
FROM	ID	P10-77 (S503-3)	TO	ID	A1P6.13	
FROM	ID	A1J6.13	TO	ID	BUS 1	
FROM	ID	P20-3 (DMM-LO)	TO	ID	A1P15.50	
FROM	ID	A1J15.50	TO	ID	A1J7.38	
FROM	ID	A1P7.38	TO	ID	P10-130	(S301-23)
FROM	ID	P10-229 (S301-24)	TO	ID	A1P7.36	
FROM	ID	A1J7.36	TO	GRO	DUND	

STEP 554

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J3.8, J1.29 AND J1.22. THE VOLTAGE MEASURED AT PIN J3.1 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

FROM W1 P2-67 (UUT J1-67)	TO W1 P1A-6F
FROM ID J1A-6F	TO ID A1J14.20
FROM ID A1P14.20	TO ID P13-24 (S202-20)
FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM W1 P2-22 (UUT J1-22) FROM ID J1A-1B FROM ID A1P14.3	TO W1 P1A-1B TO ID A1J14.3 TO ID P13-80 (S201-11)
FROM W1 P3-2 (UUT J3-2)	TO W1 P1A-2F
FROM ID J1A-2F	TO ID A1J14.12
FROM ID A1P14.12	TO ID P13-52 (S201-33)

FROM W1 P3-8 (UUT J3-8) TO W1 P1A-2D TO ID A1J14.8 FROM ID J1A-2D TO ID A1J14.8 FROM ID A1P14.9 TO ID P13-50 (S201-25) FROM ID A1P14.9 TO ID P13-50 (S201-25) FROM ID A1J12.46 TO ID A1J10.2 FROM ID A1J12.246 TO ID A1J10.2 FROM ID A1J10.2 TO ID P11-39 (S507-1) FROM ID A1J10.27 TO ID BUS 2 FROM W1 P3-8 (UUT J3-8) TO W1 P1A-2D TO ID A1J14.8 FROM ID J1A-2D TO ID A1J14.8 FROM ID J1A-2D TO ID A1J14.8 FROM ID J1A-2D TO ID A1J13.22 TO ID P12-75 (S701-43) FROM W1 P3-1 (UUT J3-1) TO W1 P1B-11E TO ID A1J13.22 FROM ID A1P13.22 TO ID P12-75 (S701-43) FROM ID A1P13.22 TO ID A1J10.3 FROM ID A1J10.50 FROM ID A1J10.3 FROM ID A1J10.3 FROM ID A1J10.3 FROM ID A1J10.30 FROM ID A1J10.3	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 BUS 2 FROM ID A1D9.27 TO ID BUS 2 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 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 A1D12.50 TO ID A1D10.3 FROM ID A1D10.3 FROM ID A1D10.3 FROM ID A1D10.3 FROM ID A1D9.30 TO ID BUS 6 FROM ID A1D9.30 TO ID BUS 6 FROM ID A1D9.50 TO ID A1D7.26 FROM ID A1D7.26 TO ID A1D7.26 FROM ID A1D7.26 TO ID A1D7.26 FROM ID A1D7.26 TO ID A1D4.18 FROM ID A1D4.18 FROM ID A1D4.10 TO GROUND FROM ID P12-76 (S701-1) TO ID A1D9.23 FROM ID A1D12.50 TO ID A1D4.18 FROM ID A1D9.23 TO ID A1D9.23 FROM ID A1D15.49 FROM ID A1D15.49 FROM ID A1D15.49 FROM ID A1D15.49 FROM ID A1D7.7 (S503-3) TO ID A1D2.30 FROM ID A1D6.13 TO ID BUS 1 FROM ID P20-2 (DMM-HI) TO ID A1P15.49 FROM ID A1D6.13 TO ID BUS 1 FROM ID P10-77 (S503-3) TO ID A1P6.13 FROM ID A1D6.13 TO ID BUS 1 FROM ID P20-3 (DMM-LO) TO ID A1D7.38 FROM ID A1D15.50 FROM ID A1D15.50 FROM ID A1D15.50 TO ID A1D7.38 FROM ID A1D15.50 FROM ID A1D7.38 FROM ID A1D15.50 TO ID A1D7.38 FROM ID A1D15.50 TO ID A1D7.38 FROM ID A1D15.50 TO ID A1D7.38 FROM ID A1D7.38 FROM ID A1D7.38				
FROM ID J1A-2D TO ID A1J14.8 FROM ID A1P14.9 FROM ID A1P14.9 TO ID P13-50 (S201-25) FROM ID P12-20 (S201-3) TO ID A1J12.46 FROM ID A1J12.46 FROM ID A1J12.46 FROM ID A1J12.46 FROM ID A1P12.2 (S507-4) TO ID P11-39 (S507-1) FROM ID P11-72 (S507-4) TO ID BUS 2 FROM ID A1J9.27 FROM ID J1A-2D TO ID A1J14.8 FROM ID J1A-2D TO ID A1J14.8 FROM ID J1A-2D 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 A1J10.3 FROM ID A1J12.50 TO ID A1J10.3 FROM ID A1J12.50 TO ID A1J10.3 FROM ID A1J19.30 TO ID P11-194 (S506-1) FROM ID A1J9.30 TO ID BUS 6 FROM ID BUS 6 FROM ID A1P4.18 FROM ID A1P4.18 FROM ID A1P4.18 FROM ID A1J4.10 FROM ID A1J4.10 FROM ID P1-1-64 (S701-1) TO ID A1J4.18 FROM ID A1J4.10 FROM ID P1-1-64 (S506-3) TO ID A1J9.3 FROM ID P1-1-194 (S506-1) FROM ID A1J9.23 TO ID P11-194 (S506-1) FROM ID A1J15.50 TO ID A1J4.10 FROM ID A1J5.50 TO ID A1J4.10 FROM ID A1J5.50 TO ID A1J6.3 FROM ID A1J6.3 TO ID P10-203 (S503-1) FROM ID A1J9.23 TO ID BUS 1 FROM ID P20-2 (DMM-HI) TO ID A1P5.49 FROM ID A1J5.50 TO ID A1P5.49 FROM ID A1J5.50 TO ID A1P5.49 FROM ID A1J5.50 TO ID A1P5.50 FROM ID A1J6.13 TO ID BUS 1 FROM ID P20-3 (DMM-LO) TO ID A1P5.50 FROM ID A1J5.50 TO ID A1J7.38 FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID J1A-2D TO ID AlJ14.8 FROM ID AlP14.9 TO ID P13-50 (S201-25) FROM ID P12-20 (S201-3) TO ID AlJ12.46 FROM ID AlJ12.46 TO ID ALJ10.2 TO ID P11-72 (S507-4) TO ID ALJ9.27 TO ID BUS 2 FROM ID P11-72 (S507-4) TO ID ALJ9.27 TO ID BUS 2 FROM W1 P3-8 (UUT J3-8) TO W1 P1A-2D FROM ID ALJ9.27 TO ID P13-50 (S201-25) FROM W1 P3-8 (UUT J3-1) TO W1 P1B-11E TO ID ALJ13.22 TO ID P12-75 (S701-43) FROM ID J1B-11E TO ID ALJ13.22 TO ID P12-75 (S701-43) FROM ID P12-76 (S701-1) TO ID ALJ10.3 FROM ID ALJ12.50 TO ID ALJ10.3 FROM ID ALJ12.50 TO ID ALJ10.3 FROM ID ALJ12.50 TO ID ALJ9.30 TO ID BUS 6 FROM ID BUS 6 TO ID ALJ8.50 FROM ID ALJ9.30 TO ID BUS 6 FROM ID ALJ9.30 TO ID ALJ7.26 FROM ID ALJ9.30 TO ID ALJ4.18 FROM ID R108.2 TO ID ALJ4.18 FROM ID R108.2 TO ID ALJ4.18 FROM ID R108.2 TO ID ALJ4.10 FROM ID ALJ4.10 TO GROUND FROM ID P12-76 (S701-1) TO ID ALJ9.30 FROM ID ALJ4.10 TO GROUND FROM ID P12-76 (S701-1) TO ID ALJ9.30 FROM ID ALJ4.10 TO GROUND FROM ID P12-76 (S701-1) TO ID ALJ9.30 FROM ID ALJ9.33 TO ID END ID ALJ9.30 FROM ID ALJ9.33 TO ID END ID FROM ID ALJ9.33 TO ID END ID FROM ID ALJ9.33 TO ID END ID FROM ID ALJ9.30 TO ID BUS 1 FROM ID P12-76 (S701-1) TO ID ALJ9.30 FROM ID ALJ9.33 TO ID BUS 1 FROM ID P11-164 (S506-3) TO ID ALJ9.33 TO ID BUS 1 FROM ID P11-164 (S506-3) TO ID ALJ9.33 FROM ID ALJ9.33 TO ID BUS 1 FROM ID P10-77 (S503-3) TO ID ALJ9.38 FROM ID ALJ6.13 TO ID BUS 1 FROM ID P20-3 (DMM-LO) TO ID ALJ95.50 TO ID ALJ7.38 FROM ID ALJ7.38 TO ID ALJ7.38 FROM ID ALJ7.38 TO ID P10-130 (S301-23) FROM ID ALJ7.38 TO ID ALJ7.36	FROM W1	P3-8 (UUT J3-8)	TO W1	P1A-2D
FROM ID A1P14.9 FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1J12.46 FROM ID A1P10.2 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27 FROM ID J1A-D FROM ID J1A-D FROM ID J1A-D FROM ID J1A-D FROM ID A1P14.9 FROM ID A1P14.9 FROM ID J1B-11E FROM ID J1B-11E FROM ID J1B-11E FROM ID A1J13.22 FROM ID A1J13.22 FROM ID A1J12.50 FROM ID A1J12.50 FROM ID A1J12.50 FROM ID A1J9.30 FROM ID A1J9.30 FROM ID A1J9.30 FROM ID A1J8.50 FROM ID A1J7.26 FROM ID A1J7.26 FROM ID A1J7.26 FROM ID A1J4.18 FROM ID A1J4.18 FROM ID A1J4.10 FROM ID P12-76 (S701-1) FROM ID A1J4.10 FROM ID P12-76 (S701-1) FROM ID A1J9.30 FROM ID A1J9.3	FROM ID A1P14.9 FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1J12.46 FROM ID A1P10.2 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27 FROM ID J1A-2D FROM ID J1A-2D FROM ID J1A-2D FROM ID A1P14.9 FROM ID J1B-1E FROM ID J1B-1E FROM ID J1B-1E FROM ID A1P13.22 TO ID A1J13.22 FROM ID A1P13.22 TO ID A1J13.22 FROM ID A1J12.50 FROM ID A1J12.50 FROM ID A1J12.50 FROM ID A1J9.30 FROM ID BUS 6 FROM ID A1J9.30 FROM ID BUS 6 FROM ID A1P8.50 FROM ID A1P8.50 FROM ID A1P8.50 FROM ID A1P8.50 FROM ID A1J4.18 FROM ID A1J4.18 FROM ID A1J4.18 FROM ID A1J4.10 FROM ID A1J4.10 FROM ID P12-76 (S701-1) FROM ID P12-76 (S701-1) FROM ID A1J4.10 FROM ID A1J4.10 FROM ID A1J4.10 FROM ID A1J4.10 FROM ID A1J9.23 FROM ID A1J5.49 FROM ID A1J6.13 FROM ID P10-77 (S503-3) FROM ID P10-203 (S503-1) FROM ID P10-77 (S503-3) FROM ID A1J5.50 FROM ID A1J6.13 FROM ID P20-2 (DMM-LO) FROM ID A1J5.50 FROM ID A1J7.38 FROM ID A1F7.38 FROM ID A1F7.36				
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1J12.46 FROM ID A1P10.2 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID P11-72 (S507-4) FROM ID A1J9.27 FROM ID J1A-2D FROM ID J1A-2D FROM ID A1P14.9 FROM ID A1P14.9 FROM ID J1B-11E FROM ID J1B-11E FROM ID J1B-11E FROM ID A1P13.22 FROM ID A1P13.22 TO ID P12-75 (S701-43) FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1J12.50 FROM ID A1J9.30 FROM ID A1J9.30 FROM ID A1J9.30 FROM ID A1J8.50 FROM ID A1J7.26 FROM ID A1J4.18 FROM ID R108.2 FROM ID A1J4.18 FROM ID R108.2 FROM ID A1J4.10 FROM ID A1J12.50 FROM ID A1J4.10 FROM ID A1J9.33 FROM ID A1J9.35 FROM ID A1J9.36 FROM ID A1J9.37 FROM ID A1J9.38 FROM ID A1J9.39 FROM ID A1J9.30 FROM ID A1J9.30 FROM ID A1J9.33 FROM ID A1J9.50 FROM ID A1J9.50 FROM ID A1J9.50 FROM ID A1J9.50 FROM ID A1J9.53 FROM ID A1J9.550 TO ID A1J9.550 TO ID A1J9.550 TO ID A1J9.550 TO ID A1J7.38 FROM ID A1J9.538 FROM ID A1J9.538 FROM ID A1J9.538 FROM ID A1J9.38 FROM ID P10-229 (S301-24) TO ID A1J97.36	FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1J12.46 FROM ID A1P10.2 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID P11-72 (S507-4) FROM ID A1J9.27 FROM ID J1A-2D FROM ID J1A-2D FROM ID A1P14.9 FROM ID A1P14.9 FROM ID J1B-11E FROM ID J1B-11E FROM ID J1B-11E FROM ID A1P13.22 FROM ID A1P13.22 FROM ID P12-76 (S701-1) FROM ID P12-76 (S701-1) FROM ID A1J9.30 FROM ID A1J9.30 FROM ID A1J9.30 FROM ID A1J9.30 FROM ID A1J7.26 FROM ID A1J4.18 FROM ID R108.2 FROM ID A1J4.18 FROM ID P12-76 (S701-1) FROM ID P10-76 (S701-1) FROM ID P10-138 (S301-54) FROM ID P10-148 FROM ID A1J9.30 FROM ID A1J9.50 FROM ID A1J9.50 FROM ID A1J12.50 FROM ID A1J12.50 FROM ID A1J9.23 FROM ID A1J9.30 FROM ID A1J5.49 FROM ID A1J6.13 FROM ID P20-2 (DMM-HI) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 TO ID A1J7.38 FROM ID A1J7.38				
FROM ID AlJ12.46 FROM ID ALP10.2 FROM ID P11-72 (S507-4) FROM ID P11-72 (S507-4) FROM ID AlJ9.27 FROM ID J1A-D FROM ID J1A-D FROM ID ALP14.9 FROM ID ALP14.9 FROM ID J1B-11E FROM ID J1B-11E FROM ID ALP13.22 FROM ID ALP13.22 FROM ID ALJ12.50 FROM ID ALJ12.50 FROM ID ALJ9.30 FROM ID ALJ9.30 FROM ID ALJ9.30 FROM ID ALJ9.30 FROM ID ALJ9.26 FROM ID ALJ7.26 FROM ID ALJ7.26 FROM ID ALJ4.18 FROM ID ALJ4.18 FROM ID ALJ4.18 FROM ID ALJ4.10 FROM ID P12-76 (S701-1) FROM ID ALJ4.10 FROM ID P12-76 (S701-1) FROM ID ALJ9.30 FROM ID ALJ4.10 FROM ID ALJ9.30 FROM ID ALJ4.10 FROM ID ALJ9.30 FROM ID ALJ4.10 FROM ID ALJ9.30 FROM ID ALJ9.30 FROM ID ALJ4.10 FROM ID ALJ9.33 FROM ID ALJ9.35 FROM ID ALJ9.35 FROM ID ALJ9.36 FROM ID ALJ9.36 FROM ID ALJ9.37 FROM ID ALJ9.38 FROM ID ALJ9.38 FROM ID ALJ9.38 FROM ID ALJ97.38	FROM ID A1J12.46 FROM M A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID P11-72 (S507-4) FROM ID A1J9.27 FROM ID A1J9.27 FROM ID A1J9.27 FROM ID A1J9.27 FROM ID J1A-2D FROM ID J1A-2D FROM ID J1A-2D FROM ID A1P14.9 FROM ID A1P14.9 FROM ID J1B-11E FROM ID J1B-11E FROM ID A1P13.22 FROM ID A1P13.22 FROM ID A1P13.22 FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1J9.30 FROM ID A1J9.30 FROM ID A1J9.30 FROM ID A1P8.50 FROM ID A1P9.30 FROM ID A1P9.33 FROM ID A1P9.38 FROM ID P10-203 (DMM-LO) FROM ID A1P9.38 FROM ID A1P7.38 FROM ID A1P7.38 FROM ID A1P7.38 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1P7.36	TROM ID	AII I I . J	10 10	113 30 (8201 23)
FROM ID AlJ12.46 FROM ID ALP10.2 FROM ID P11-72 (S507-4) FROM ID P11-72 (S507-4) FROM ID AlJ9.27 FROM ID J1A-D FROM ID J1A-D FROM ID ALP14.9 FROM ID ALP14.9 FROM ID J1B-11E FROM ID J1B-11E FROM ID ALP13.22 FROM ID ALP13.22 FROM ID ALJ12.50 FROM ID ALJ12.50 FROM ID ALJ9.30 FROM ID ALJ9.30 FROM ID ALJ9.30 FROM ID ALJ9.30 FROM ID ALJ9.26 FROM ID ALJ7.26 FROM ID ALJ7.26 FROM ID ALJ4.18 FROM ID ALJ4.18 FROM ID ALJ4.18 FROM ID ALJ4.10 FROM ID P12-76 (S701-1) FROM ID ALJ4.10 FROM ID P12-76 (S701-1) FROM ID ALJ9.30 FROM ID ALJ4.10 FROM ID ALJ9.30 FROM ID ALJ4.10 FROM ID ALJ9.30 FROM ID ALJ4.10 FROM ID ALJ9.30 FROM ID ALJ9.30 FROM ID ALJ4.10 FROM ID ALJ9.33 FROM ID ALJ9.35 FROM ID ALJ9.35 FROM ID ALJ9.36 FROM ID ALJ9.36 FROM ID ALJ9.37 FROM ID ALJ9.38 FROM ID ALJ9.38 FROM ID ALJ9.38 FROM ID ALJ97.38	FROM ID A1J12.46 FROM M A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID P11-72 (S507-4) FROM ID A1J9.27 FROM ID A1J9.27 FROM ID A1J9.27 FROM ID A1J9.27 FROM ID J1A-2D FROM ID J1A-2D FROM ID J1A-2D FROM ID A1P14.9 FROM ID A1P14.9 FROM ID J1B-11E FROM ID J1B-11E FROM ID A1P13.22 FROM ID A1P13.22 FROM ID A1P13.22 FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1J9.30 FROM ID A1J9.30 FROM ID A1J9.30 FROM ID A1P8.50 FROM ID A1P9.30 FROM ID A1P9.33 FROM ID A1P9.38 FROM ID P10-203 (DMM-LO) FROM ID A1P9.38 FROM ID A1P7.38 FROM ID A1P7.38 FROM ID A1P7.38 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1P7.36	EDOM ID	D12_20 (G201_3)	TO TD	א 1012 /6
FROM ID Alp10.2 FROM ID P11-72 (S507-4) FROM ID P11-72 (S507-4) FROM ID AlJ9.27 FROM ID JIA-2D FROM ID JIA-2D FROM ID JIA-2D FROM ID Alp14.9 FROM ID Alp14.9 FROM ID JIB-11E FROM ID JIB-11E FROM ID Alp13.22 FROM ID Alp13.22 FROM ID AlJ12.50 FROM ID AlJ12.50 FROM ID AlJ12.50 FROM ID AlJ12.50 FROM ID AlJ90.3 FROM ID AlJ90.3 FROM ID AlJ90.3 FROM ID AlJ90.3 FROM ID AlJ9.30 FROM ID AlJ8.50 FROM ID AlJ8.50 FROM ID AlJ8.50 FROM ID AlJ7.26 FROM ID AlJ7.26 FROM ID AlJ4.18 FROM ID AlJ4.18 FROM ID AlJ4.18 FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID AlJ12.50 FROM ID AlJ12.50 FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID AlJ12.50 FROM ID AlJ12.50 FROM ID AlJ12.50 FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID AlJ12.50 FROM ID AlJ10.3 FROM ID P10-76 (S701-1) FROM ID AlJ10.3 FROM ID AlJ15.49 FROM ID AlJ15.50 TO ID AlP6.13 FROM ID AlJ6.13 FROM ID P10-77 (S503-3) FROM ID AlJ6.13 FROM ID AlJ7.38 FROM ID AlP7.38 FROM ID AlP7.36	FROM ID Alp10.2 FROM ID P11-72 (S507-4) FROM ID P11-72 (S507-4) FROM ID P11-72 (S507-4) FROM ID P11-72 (S507-4) FROM ID AlJ9.27 TO ID AlP9.27 TO ID BUS 2 FROM W1 P3-8 (UUT J3-8) FROM ID J1A-2D FROM ID J1A-2D FROM ID AlP14.9 TO ID AlJ14.8 FROM ID AlP14.9 TO ID P13-50 (S201-25) FROM W1 P3-1 (UUT J3-1) FROM ID J1B-11E FROM ID J1B-11E FROM ID AlP13.22 TO ID P12-75 (S701-43) FROM ID P12-76 (S701-1) FROM ID AlJ10.3 FROM ID AlJ10.3 FROM ID P11-129 (S506-8) FROM ID AlJ9.30 TO ID AlJ8.50 FROM ID AlJ9.30 TO ID BUS 6 FROM ID AlP8.50 FROM ID AlP8.50 FROM ID AlP8.50 FROM ID AlJ7.26 FROM ID AlJ7.26 FROM ID AlJ4.18 FROM ID AlP4.18 FROM ID AlP4.18 FROM ID AlP4.10 FROM ID AlJ4.10 TO GROUND FROM ID P12-76 (S701-1) FROM ID P12-76 (S701-1) FROM ID AlJ12.50 FROM ID P12-76 (S701-1) F				
FROM ID P11-72 (S507-4) FROM ID A1J9.27 FROM ID A1J9.27 FROM WI P3-8 (UUT J3-8) FROM ID J1A-2D FROM ID J1A-2D FROM ID A1P14.9 FROM ID A1P14.9 FROM ID J1B-11E FROM ID J1B-11E FROM ID A1P13.22 FROM ID A1P13.22 FROM ID A1P13.22 FROM ID A1J12.50 FROM ID A1J12.50 FROM ID A1J12.50 FROM ID P11-129 (S506-8) FROM ID A1J9.30 FROM ID BUS 6 FROM ID A1P8.50 FROM ID A1P8.50 FROM ID A1D-9 (S301-53) FROM ID A1D-9 (S301-53) FROM ID A1J4.18 FROM ID A1J4.18 FROM ID A1J4.10 FROM ID A1J2.50 FROM ID A1J4.10 FROM ID A1J2.50 FROM ID A1J4.10 FROM ID A1J2.50 FROM ID A1J4.10 FROM ID P12-76 (S701-1) FROM ID A1J4.10 FROM ID A1J4.10 FROM ID A1J4.10 FROM ID A1J4.10 FROM ID P12-76 (S701-1) FROM ID A1J4.10 FROM ID A1J4.10 FROM ID P12-76 (S701-1) FROM ID A1J4.10 FROM ID A1J4.10 FROM ID A1J4.10 FROM ID A1J4.10 FROM ID P12-76 (S701-1) FROM ID A1J4.23 FROM ID A1J5.49 FROM ID A1J5.40 FROM ID A1J5.50 FROM ID A1J5.50 FROM ID A1J5.50 FROM ID A1J7.38	FROM ID P11-72 (S507-4) FROM ID AlJ9.27 FROM W1 P3-8 (UUT J3-8) FROM ID J1A-2D FROM ID J1A-2D FROM ID AlP14.9 FROM ID AlP14.9 FROM ID AlP14.9 FROM ID J1B-11E FROM ID J1B-11E FROM ID AlP13.22 FROM ID AlP13.22 FROM ID AlP13.22 FROM ID AlJ12.50 FROM ID AlJ12.50 FROM ID AlJ10.3 FROM ID P11-129 (S506-8) FROM ID AlJ9.30 FROM ID AlJ9.30 FROM ID AlJ8.50 FROM ID AlP8.50 FROM ID AlP8.50 FROM ID AlJ7.26 FROM ID AlJ7.26 FROM ID AlJ7.26 FROM ID AlJ7.26 FROM ID AlJ4.18 FROM ID AlJ4.18 FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID AlJ9.23 FROM ID AlJ8.28 FROM ID AlJ6.13 FROM ID P20-3 (DMM-LO) FROM ID P20-3 (DMM-LO) FROM ID AlJ7.38				
FROM ID AlJ9.27 FROM W1 P3-8 (UUT J3-8) FROM ID J1A-2D FROM ID AlP14.9 FROM ID AlP14.9 FROM W1 P3-1 (UUT J3-1) FROM ID J1B-11E FROM ID J1B-11E FROM ID AlP13.22 FROM ID AlP13.22 TO ID AlJ13.22 FROM ID P12-76 (S701-1) FROM ID AlJ12.50 FROM ID AlP10.3 FROM ID P11-129 (S506-8) FROM ID AlJ9.30 FROM ID AlJ9.30 FROM ID AlP8.50 FROM ID AlP8.50 FROM ID AlP8.50 FROM ID AlJ7.26 FROM ID AlJ7.26 FROM ID AlJ7.26 FROM ID AlJ4.18 FROM ID AlP4.18 FROM ID AlP4.18 FROM ID AlJ4.10 FROM ID P12-76 (S701-1) FROM ID P10-9 (S301-53) FROM ID AlP4.10 FROM ID AlP4.18 FROM ID AlP4.18 FROM ID AlP4.10 FROM ID AlJ4.10 FROM ID P10-9 (S701-1) FROM ID P10-9 (S701-1) FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID AlJ12.50 FROM ID AlJ12.3 FROM ID P10-70 (S506-3) FROM ID AlJ9.23 TO ID AlP9.23 FROM ID AlP9.38 FROM ID AlP9.38 FROM ID AlP7.38 FROM ID P10-229 (S301-24) FROM ID AlP7.36	FROM ID AlJ9.27 FROM W1 P3-8 (UUT J3-8) FROM ID J1A-2D FROM ID J1A-2D FROM ID AlP14.9 FROM ID AlP14.9 FROM ID AlP14.9 FROM ID J1B-11E FROM ID J1B-11E FROM ID AlP13.22 FROM ID AlP13.22 FROM ID P12-76 (S701-1) FROM ID AlJ12.50 FROM ID AlJ12.50 FROM ID AlJ12.50 FROM ID P11-129 (S506-8) FROM ID P11-129 (S506-8) FROM ID AlJ9.30 FROM ID AlJ9.30 FROM ID AlJ9.30 FROM ID AlJ7.26 FROM ID AlJ7.26 FROM ID AlJ7.26 FROM ID AlJ7.26 FROM ID AlJ4.18 FROM ID AlJ4.18 FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID AlJ9.23 FROM ID ALJ15.49 FROM ID ALJ6.13 FROM ID P20-3 (DMM-LO) FROM ID ALJ7.38				
FROM WI P3-8 (UUT J3-8) FROM ID J1A-2D FROM ID J1A-2D FROM ID AlP14.9 FROM ID AlP14.9 FROM WI P3-1 (UUT J3-1) FROM ID J1B-11E FROM ID AlP13.22 FROM ID AlP13.22 FROM ID P12-76 (S701-1) FROM ID AlJ12.50 FROM ID AlJ10.3 FROM ID P11-129 (S506-8) FROM ID P11-129 (S506-8) FROM ID AlP10.3 FROM ID BUS 6 FROM ID AlP8.50 FROM ID AlP4.18 FROM ID AlP4.18 FROM ID AlP4.18 FROM ID AlP4.10 FROM ID AlJ4.10 FROM ID P12-76 (S701-1) FROM ID AlJ4.10 FROM ID BUS 6 FROM ID AlP4.18 FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID P10-136 (S506-1) FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID AlJ12.50 FROM ID AlJ10.3 FROM ID P10-203 (S503-1) FROM ID AlJ5.49 FROM ID AlJ5.49 FROM ID AlJ6.13 FROM ID P10-203 (S503-1) FROM ID P10-77 (S503-3) FROM ID AlJ7.38 FROM ID AlJ7.38 FROM ID AlP7.38 FROM ID AlP7.38 FROM ID AlP7.38 FROM ID AlP7.38 FROM ID P10-229 (S301-24) TO ID AlP7.36	FROM W1 P3-8 (UUT J3-8) FROM ID J1A-2D FROM ID J1A-2D FROM ID A1P14.9 FROM ID A1P14.9 FROM W1 P3-1 (UUT J3-1) FROM ID J1B-11E FROM ID J1B-11E FROM ID A1P13.22 FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1J12.50 FROM ID A1J10.3 FROM ID P11-129 (S506-8) FROM ID P11-129 (S506-8) FROM ID BUS 6 FROM ID A1P8.50 FROM ID A1P8.50 FROM ID A1P8.50 FROM ID A1J7.26 FROM ID A1J4.18 FROM ID A1J4.18 FROM ID A1J4.18 FROM ID A1J4.18 FROM ID A1J4.10 FROM ID P11-6 (S701-1) FROM ID A1J4.10 FROM ID A1J4.10 FROM ID A1J5.50 FROM ID A1J6.3 FROM ID A1J6.3 FROM ID A1J7.66 FROM ID A1J8.50 FROM ID A1J8.28 FROM ID A1J9.23 FROM ID A1J9.23 FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID A1J7.38 FROM ID A1P7.38 FROM ID A1P7.38 FROM ID A1P7.38 FROM ID A1P7.38 FROM ID A1P7.36				
FROM ID J1A-2D	FROM ID J1A-2D TO ID A1J14.8 FROM ID A1P14.9 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 A1J10.3 FROM ID A1J12.50 TO ID A1J10.3 FROM ID A1J12.50 TO ID A1J10.3 FROM ID A1J9.30 TO ID P11-194 (S506-1) FROM ID A1J9.30 TO ID BUS 6 FROM ID A1J9.30 TO ID A1J8.50 FROM ID A1P8.50 TO ID A1J4.18 FROM ID A1J7.26 TO ID A1J4.18 FROM ID A1J4.18 TO ID R108.1 FROM ID R108.2 TO ID A1J4.10 FROM ID A1J4.10 TO GROUND FROM ID A1J2.50 TO ID A1J10.3 FROM ID A1J4.10 TO ID A1P1.250 FROM ID A1J4.10 TO ID A1P1.250 FROM ID A1J12.50 TO ID A1J10.3 FROM ID A1J12.50 TO ID A1J10.3 FROM ID A1J9.23 TO ID BUS 1 FROM ID P10-2 (DMM-HI) TO ID A1P9.23 FROM ID A1J15.49 FROM ID A1J5.49 TO ID A1J8.28 FROM ID A1J6.13 TO ID BUS 1 FROM ID P10-77 (S503-3) TO ID A1P6.13 FROM ID A1J6.13 TO ID BUS 1 FROM ID P20-3 (DMM-LO) TO ID A1P1.38 FROM ID A1J15.50 TO ID A1P1.38 FROM ID A1J15.50 TO ID A1J7.38 FROM ID A1J7.38 FROM ID A1J7.38 FROM ID A1J7.38 FROM ID A1P7.38	FROM ID	A1J9.27	TO ID	BUS 2
FROM ID J1A-2D	FROM ID J1A-2D TO ID A1J14.8 FROM ID A1P14.9 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 A1J10.3 FROM ID A1J12.50 TO ID A1J10.3 FROM ID A1J12.50 TO ID A1J10.3 FROM ID A1J9.30 TO ID P11-194 (S506-1) FROM ID A1J9.30 TO ID BUS 6 FROM ID A1J9.30 TO ID A1J8.50 FROM ID A1P8.50 TO ID A1J4.18 FROM ID A1J7.26 TO ID A1J4.18 FROM ID A1J4.18 TO ID R108.1 FROM ID R108.2 TO ID A1J4.10 FROM ID A1J4.10 TO GROUND FROM ID A1J2.50 TO ID A1J10.3 FROM ID A1J4.10 TO ID A1P1.250 FROM ID A1J4.10 TO ID A1P1.250 FROM ID A1J12.50 TO ID A1J10.3 FROM ID A1J12.50 TO ID A1J10.3 FROM ID A1J9.23 TO ID BUS 1 FROM ID P10-2 (DMM-HI) TO ID A1P9.23 FROM ID A1J15.49 FROM ID A1J5.49 TO ID A1J8.28 FROM ID A1J6.13 TO ID BUS 1 FROM ID P10-77 (S503-3) TO ID A1P6.13 FROM ID A1J6.13 TO ID BUS 1 FROM ID P20-3 (DMM-LO) TO ID A1P1.38 FROM ID A1J15.50 TO ID A1P1.38 FROM ID A1J15.50 TO ID A1J7.38 FROM ID A1J7.38 FROM ID A1J7.38 FROM ID A1J7.38 FROM ID A1P7.38				
FROM ID AlP14.9 FROM W1 P3-1 (UUT J3-1) FROM ID J1B-11E FROM ID J1B-11E FROM ID AlP13.22 TO ID P12-75 (S701-43) FROM ID P12-76 (S701-1) FROM ID AlJ12.50 FROM ID AlP10.3 FROM ID P11-129 (S506-8) FROM ID P11-129 (S506-8) FROM ID AlJ9.30 FROM ID AlJ9.30 FROM ID AlP8.50 FROM ID AlP8.50 FROM ID AlJ7.26 FROM ID AlJ7.26 FROM ID AlJ7.26 FROM ID AlJ4.18 FROM ID AlJ4.18 FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID P12-76 (S701-1) FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID P12-76 (S701-1) FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID AlJ4.10 FROM ID P12-76 (S701-1) FROM ID AlJ4.10 FROM ID AlJ12.50 FROM ID AlJ10.3 FROM ID P11-164 (S506-3) FROM ID P11-164 (S506-3) FROM ID P10-203 (S503-1) FROM ID AlJ5.49 FROM ID AlJ5.49 FROM ID AlJ6.13 FROM ID P10-77 (S503-3) FROM ID AlJ6.13 FROM ID P20-3 (DMM-LO) FROM ID AlJ7.38 FROM ID AlJ7.38 FROM ID AlJ7.38 FROM ID AlP7.38 TO ID AlP7.36	FROM ID A1P14.9 FROM W1 P3-1 (UUT J3-1) FROM ID J1B-11E FROM ID J1B-11E FROM ID A1P13.22 FROM ID A1P13.22 TO ID P12-75 (S701-43) FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1D10.3 FROM ID A1D11.50 FROM ID A1D11.50 FROM ID A1D10.3 FROM ID A1D10.38 FROM ID A1D10.30 FRO				
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FROM ID J1B-11E FROM ID A1P13.22 FROM ID A1P13.22 FROM ID A1P13.22 FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1J1-129 (S506-8) FROM ID A1J9.30 FROM ID BUS 6 FROM ID A1P8.50 FROM ID A1P8.50 FROM ID A1J7.26 FROM ID A1J7.26 FROM ID A1J4.18 FROM ID A1J4.18 FROM ID A1J4.10 FROM ID A1J12.50 FROM ID A1J12.50 FROM ID A1J10.3 FROM ID A1J9.23 FROM ID A1J9.23 FROM ID A1J9.23 FROM ID A1J9.23 FROM ID A1J15.49 FROM ID A1J15.49 FROM ID A1J15.49 FROM ID A1J6.13 FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID A1J7.38 FROM ID P10-229 (S301-24) TO ID A1J7.36	FROM ID J1B-11E FROM ID A1P13.22 FROM ID A1P13.22 TO ID P12-75 (S701-43) FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1J12.50 TO ID A1J10.3 FROM ID A1P10.3 FROM ID P11-129 (S506-8) FROM ID A1J9.30 FROM ID A1J9.30 FROM ID BUS 6 FROM ID A1P8.50 FROM ID A1P8.50 FROM ID A1J7.26 FROM ID A1J7.26 FROM ID A1J4.18 FROM ID A1P4.18 FROM ID A1P4.18 FROM ID A1P4.10 FROM ID A1J4.10 FROM ID A1J4.10 FROM ID A1J2.50 FROM ID A1J2.50 FROM ID A1J2.50 FROM ID A1J2.30 FROM ID A1J2.30 FROM ID P11-164 (S506-3) FROM ID A1J9.23 FROM ID A1J9.23 FROM ID A1J15.49 FROM ID A1J15.49 FROM ID A1J15.49 FROM ID A1J6.13 FROM ID P10-77 (S503-3) FROM ID P10-77 (S503-3) FROM ID P10-738 FROM ID A1J15.50 FROM ID A1J15.50 FROM ID P20-3 (DMM-LO) FROM ID A1J7.38	FROM ID	A1P14.9	TO ID	P13-50 (S201-25)
FROM ID J1B-11E FROM ID A1P13.22 FROM ID A1P13.22 FROM ID A1P13.22 FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1J1-129 (S506-8) FROM ID A1J9.30 FROM ID BUS 6 FROM ID A1P8.50 FROM ID A1P8.50 FROM ID A1J7.26 FROM ID A1J7.26 FROM ID A1J4.18 FROM ID A1J4.18 FROM ID A1J4.10 FROM ID A1J12.50 FROM ID A1J12.50 FROM ID A1J10.3 FROM ID A1J9.23 FROM ID A1J9.23 FROM ID A1J9.23 FROM ID A1J9.23 FROM ID A1J15.49 FROM ID A1J15.49 FROM ID A1J15.49 FROM ID A1J6.13 FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID A1J7.38 FROM ID P10-229 (S301-24) TO ID A1J7.36	FROM ID J1B-11E FROM ID A1P13.22 FROM ID A1P13.22 TO ID P12-75 (S701-43) FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1J12.50 TO ID A1J10.3 FROM ID A1P10.3 FROM ID P11-129 (S506-8) FROM ID A1J9.30 FROM ID A1J9.30 FROM ID BUS 6 FROM ID A1P8.50 FROM ID A1P8.50 FROM ID A1J7.26 FROM ID A1J7.26 FROM ID A1J4.18 FROM ID A1P4.18 FROM ID A1P4.18 FROM ID A1P4.10 FROM ID A1J4.10 FROM ID A1J4.10 FROM ID A1J2.50 FROM ID A1J2.50 FROM ID A1J2.50 FROM ID A1J2.30 FROM ID A1J2.30 FROM ID P11-164 (S506-3) FROM ID A1J9.23 FROM ID A1J9.23 FROM ID A1J15.49 FROM ID A1J15.49 FROM ID A1J15.49 FROM ID A1J6.13 FROM ID P10-77 (S503-3) FROM ID P10-77 (S503-3) FROM ID P10-738 FROM ID A1J15.50 FROM ID A1J15.50 FROM ID P20-3 (DMM-LO) FROM ID A1J7.38				
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FROM ID A1P4.18 FROM ID R108.2 FROM ID A1J4.10 FROM ID A1J4.10 TO GROUND FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23 FROM ID A1J9.23 FROM ID A1J15.49 FROM ID A1J15.49 FROM ID A1J15.49 FROM ID A1P8.28 FROM ID A1J6.13 FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1J15.50 FROM ID A1J7.38 FROM ID A1P7.38 FROM ID P10-229 (S301-24) TO ID R108.1 TO ID R108.1 TO ID A1P12.50 TO ID A1P15.49 TO ID A1P15.50 TO ID A1P15.50 TO ID A1P15.50 TO ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24)	FROM ID A1P4.18 FROM ID R108.2 FROM ID A1J4.10 TO GROUND FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23 FROM ID A1J9.23 TO ID A1P9.23 FROM ID A1J15.49 FROM ID A1J15.49 FROM ID A1J15.49 FROM ID A1P8.28 FROM ID A1P8.28 FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1J15.50 FROM ID A1J7.38 FROM ID A1P7.38 FROM ID P10-229 (S301-24) TO ID A1P7.36				
FROM ID R108.2 FROM ID A1J4.10 FROM ID A1J4.10 FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID P11-164 (S506-3) FROM ID A1J9.23 FROM ID A1J9.23 FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1J15.49 FROM ID A1P8.28 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID P10-77 (S503-3) FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1J15.50 FROM ID A1J7.38 FROM ID A1P7.38 FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID R108.2 FROM ID A1J4.10 FROM ID A1J4.10 FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID P11-164 (S506-3) FROM ID A1J9.23 FROM ID A1J9.23 FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1J15.49 FROM ID A1P8.28 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1J15.50 FROM ID A1J7.38 FROM ID A1P7.38 FROM ID P10-229 (S301-24) TO ID A1P7.36				
FROM ID A1J4.10 FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23 FROM ID A1J9.23 FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1J15.49 FROM ID A1P8.28 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID P10-77 (S503-3) FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1J15.50 FROM ID A1J7.38 FROM ID A1P7.38 FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID A1J4.10 FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID P11-164 (S506-3) FROM ID A1J9.23 FROM ID A1J9.23 FROM ID A1J9.23 TO ID A1P15.49 FROM ID A1J15.49 FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID P10-77 (S503-3) FROM ID P10-77 (D A1P15.50 FROM ID A1J15.50 FROM ID A1J15.50 FROM ID A1J15.50 FROM ID A1J7.38 FROM ID A1P7.38 FROM ID P10-229 (S301-24) TO ID A1P7.36				
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 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 A1J7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36				
FROM ID A1J12.50 FROM ID A1P10.3 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23 FROM ID A1J9.23 FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID A1J6.13 FROM ID A1J15.50 FROM ID A1J15.50 FROM ID A1J15.50 FROM ID A1J7.38 FROM ID P10-229 (S301-24) FROM ID P10-236 (S301-23) FROM ID P10-229 (S301-24) TO ID A1J7.36	FROM ID AlJ12.50 FROM ID AlP10.3 FROM ID AlP10.3 FROM ID P11-164 (S506-3) FROM ID AlJ9.23 FROM ID AlJ9.23 FROM ID AlJ9.23 FROM ID AlJ9.23 TO ID AlP9.23 FROM ID AlJ15.49 FROM ID AlJ15.49 FROM ID AlP8.28 FROM ID P10-77 (S503-3) FROM ID AlJ6.13 FROM ID AlJ6.13 FROM ID P20-3 (DMM-LO) FROM ID AlJ15.50 FROM ID AlJ15.50 FROM ID AlJ7.38 FROM ID AlP7.38 FROM ID P10-229 (S301-24) TO ID AlP7.36	FROM ID	A1J4.10	TO GR	OUND
FROM ID A1J12.50 FROM ID A1P10.3 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23 FROM ID A1J9.23 FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1J15.50 FROM ID A1J7.38 FROM ID A1P7.38 FROM ID P10-229 (S301-24) TO ID A1J10.3 TO ID A1P7.36 TO ID A1P7.36	FROM ID AlJ12.50 FROM ID AlP10.3 FROM ID AlP10.3 FROM ID P11-164 (S506-3) FROM ID AlJ9.23 FROM ID AlJ9.23 FROM ID AlJ9.23 FROM ID AlJ9.23 TO ID AlP9.23 FROM ID AlJ15.49 FROM ID AlJ15.49 FROM ID AlP8.28 FROM ID P10-77 (S503-3) FROM ID AlJ6.13 FROM ID AlJ6.13 FROM ID P20-3 (DMM-LO) FROM ID AlJ15.50 FROM ID AlJ15.50 FROM ID AlJ7.38 FROM ID AlP7.38 FROM ID P10-229 (S301-24) TO ID AlP7.36				
FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID P11-164 (S506-3) FROM ID A1J9.23 TO ID A1P9.23 FROM ID A20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1J15.50 FROM ID A1J7.38 FROM ID A1P7.38 FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID AlP10.3 FROM ID P11-164 (S506-3) FROM ID P11-164 (S506-3) FROM ID AlJ9.23 TO ID AlP9.23 FROM ID AlJ9.23 TO ID BUS 1 FROM ID P20-2 (DMM-HI) FROM ID AlJ15.49 FROM ID AlP8.28 FROM ID P10-77 (S503-3) FROM ID P10-77 (S503-3) FROM ID AlJ6.13 FROM ID P20-3 (DMM-LO) FROM ID AlJ15.50 FROM ID AlJ15.50 FROM ID AlJ15.38 FROM ID AlP7.38 FROM ID P10-229 (S301-24) TO ID AlP7.36				
FROM ID P11-164 (S506-3) TO ID A1P9.23 FROM ID A1J9.23 TO ID BUS 1 FROM ID P20-2 (DMM-HI) TO ID A1P15.49 FROM ID A1J15.49 TO ID A1J8.28 FROM ID A1P8.28 TO ID P10-203 (S503-1) FROM ID P10-77 (S503-3) TO ID A1P6.13 FROM ID A1J6.13 TO ID BUS 1 FROM ID P20-3 (DMM-LO) TO ID A1P15.50 FROM ID A1J15.50 TO ID A1J7.38 FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID P11-164 (S506-3) TO ID A1P9.23 FROM ID A1J9.23 TO ID BUS 1 FROM ID P20-2 (DMM-HI) TO ID A1P15.49 FROM ID A1J15.49 TO ID A1J8.28 FROM ID A1P8.28 TO ID P10-203 (S503-1) FROM ID P10-77 (S503-3) TO ID A1P6.13 FROM ID A1J6.13 TO ID BUS 1 FROM ID P20-3 (DMM-LO) TO ID A1P15.50 FROM ID A1J15.50 TO ID A1J7.38 FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36			TO ID	A1J10.3
FROM ID A1J9.23 TO ID BUS 1 FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1J15.50 FROM ID A1J7.38 FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID AlJ9.23 TO ID BUS 1 FROM ID P20-2 (DMM-HI) FROM ID AlJ15.49 FROM ID AlJ15.49 FROM ID AlP8.28 FROM ID P10-77 (S503-3) FROM ID AlJ6.13 FROM ID AlJ6.13 FROM ID P20-3 (DMM-LO) FROM ID AlJ15.50 FROM ID AlJ15.50 FROM ID AlJ7.38 FROM ID AlP7.38 FROM ID P10-229 (S301-24) TO ID AlP7.36	FROM ID	A1P10.3	TO ID	P11-194 (S506-1)
FROM ID P20-2 (DMM-HI) TO ID A1P15.49 FROM ID A1J15.49 TO ID A1J8.28 FROM ID A1P8.28 TO ID P10-203 (S503-1) FROM ID P10-77 (S503-3) TO ID A1P6.13 FROM ID A1J6.13 TO ID BUS 1 FROM ID P20-3 (DMM-LO) TO ID A1P15.50 FROM ID A1J15.50 TO ID A1J7.38 FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID P20-2 (DMM-HI) TO ID A1P15.49 FROM ID A1J15.49 TO ID A1J8.28 FROM ID A1P8.28 TO ID P10-203 (S503-1) FROM ID P10-77 (S503-3) TO ID A1P6.13 FROM ID A1J6.13 TO ID BUS 1 FROM ID P20-3 (DMM-LO) TO ID A1P15.50 FROM ID A1J15.50 TO ID A1J7.38 FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID	P11-164 (S506-3)	TO ID	A1P9.23
FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1J7.38 FROM ID A1P7.38 FROM ID P10-229 (S301-24) TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1 TO ID A1J7.38 TO ID P10-130 (S301-23)	FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1J15.50 FROM ID A1J7.38 FROM ID A1P7.38 FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID	A1J9.23	TO ID	BUS 1
FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1J7.38 FROM ID A1P7.38 FROM ID P10-229 (S301-24) TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1 TO ID A1J7.38 TO ID P10-130 (S301-23)	FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1J15.50 FROM ID A1J7.38 FROM ID A1P7.38 FROM ID P10-229 (S301-24) TO ID A1P7.36				
FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1J7.38 FROM ID A1P7.38 FROM ID P10-229 (S301-24) TO ID P10-203 (S503-1) TO ID A1P7.36	FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13 FROM ID A1J6.13 TO ID A1P6.13 TO ID BUS 1 FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1J7.38 FROM ID A1P7.38 FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID	P20-2 (DMM-HI)	TO ID	A1P15.49
FROM ID P10-77 (S503-3) TO ID A1P6.13 FROM ID A1J6.13 TO ID BUS 1 FROM ID P20-3 (DMM-LO) TO ID A1P15.50 FROM ID A1J15.50 TO ID A1J7.38 FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID P10-77 (S503-3) TO ID A1P6.13 TO ID BUS 1 FROM ID A1J6.13 TO ID BUS 1 FROM ID P20-3 (DMM-LO) TO ID A1P15.50 TO ID A1J7.38 TO ID A1J7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID	A1J15.49	TO ID	A1J8.28
FROM ID P10-77 (S503-3) TO ID A1P6.13 FROM ID A1J6.13 TO ID BUS 1 FROM ID P20-3 (DMM-LO) TO ID A1P15.50 FROM ID A1J15.50 TO ID A1J7.38 FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID P10-77 (S503-3) TO ID A1P6.13 FROM ID A1J6.13 TO ID BUS 1 FROM ID P20-3 (DMM-LO) TO ID A1P15.50 FROM ID A1J15.50 TO ID A1J7.38 FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID	A1P8.28	TO ID	P10-203 (S503-1)
FROM ID A1J6.13 TO ID BUS 1 FROM ID P20-3 (DMM-LO) TO ID A1P15.50 FROM ID A1J15.50 TO ID A1J7.38 FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID A1J6.13 TO ID BUS 1 FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1J7.38 FROM ID A1P7.38 TO ID A1J7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36				
FROM ID P20-3 (DMM-LO) TO ID A1P15.50 FROM ID A1J15.50 TO ID A1J7.38 FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID P20-3 (DMM-LO) TO ID A1P15.50 FROM ID A1J15.50 TO ID A1J7.38 FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36				
FROM ID A1J15.50 TO ID A1J7.38 FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID A1J15.50 TO ID A1J7.38 FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36				- -
FROM ID A1J15.50 TO ID A1J7.38 FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID A1J15.50 TO ID A1J7.38 FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID	P20-3 (DMM-LO)	TO ID	A1P15.50
FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID A1P7.38 TO ID P10-130 (S301-23) FROM ID P10-229 (S301-24) TO ID A1P7.36				
FROM ID P10-229 (S301-24) TO ID A1P7.36	FROM ID P10-229 (S301-24) TO ID A1P7.36			-	
PID()M II) VII, 19	TO GROUND				
TO GROUND		T. IVOM TD	ATO / . 30	10 GR	OUIND

Date: 04 March 2016

STEP 555

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J3.8, J1.29 AND J1.22. THE VOLTAGE MEASURED AT PIN J1.63 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

FROM W1	P2-67 (UUT J1-67)		
FROM ID	J1A-6F		A1J14.20
FROM ID	J1A-6F A1P14.20	TO ID	P13-24 (S202-20)
	P2-29 (UUT J1-29)	TO W1	P1A-1C
FROM ID			A1J14.5
FROM ID	A1P14.5		P13-49 (S201-17)
	P2-22 (UUT J1-22)		
FROM 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)
	P3-8 (UUT J3-8)	TO W1	P1A-2D
-	J1A-2D		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
	A1P10.2		P11-39 (S507-1)
FROM ID	P11-72 (S507-4)	TO ID	A1P9.27
FROM ID	A1J9.27	TO ID	BUS 2
гр∩м м1	P3-8 (UUT J3-8)	т∩ м1	ח2 – מר
FROM WI			A1J14.8
	A1P14.9		P13-50 (S201-25)
111011 12		10 12	110 00 (2101 10)
FROM W1	P2-63 (UUT J1-63)		
	J1A-6B		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
	A1P10.3		P11-194 (S506-1)
FROM ID	P11-129 (S506-8)		
	A1J9.30		BUS 6
EBOM ID	BUS 6	TO ID	A1J8.50
-	A1P8.50		P10-138 (S301-54)
I. I.OM TD	TILO. 20	TO TD	EIU-I30 (B3UI-34)

Date: 04 March 2016

	T D	D10 0 (G201 F2)	ШΟ	TD 31D7 06
		P10-9 (S301-53)		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)	ТО	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)	ТО	ID A1P9.23
FROM	ID	A1J9.23	TO	ID BUS 1
FROM	ID	P20-2 (DMM-HI)	ТО	ID A1P15.49
FROM	ID	A1J15.49	ТО	ID A1J8.28
FROM	ID	A1P8.28	ТО	ID P10-203 (S503-1)
FROM	ID	P10-77 (S503-3)		
		A1J6.13		ID BUS 1
FROM	ID	P20-3 (DMM-LO)	ТО	ID A1P15.50
		A1J15.50		ID A1J7.38
		A1P7.38	ТО	ID P10-130 (S301-23)
FROM	ID	P10-229 (S301-24)		
		A1J7.36		GROUND
_ 1.0011			- 0	01.00112

STEP 556

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J3.8, J1.29 AND J1.22. SHORT J1.56 TO GROUND. THE VOLTAGE MEASURED AT PIN J1.65 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

	TO W1 P1A-6F TO ID A1J14.20 TO ID P13-24 (S202-20)
FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM W1 P2-22 (UUT J1-22) FROM ID J1A-1B FROM ID A1P14.3	TO W1 P1A-1B TO ID A1J14.3 TO ID P13-80 (S201-11)
FROM W1 P3-2 (UUT J3-2) FROM ID J1A-2F FROM ID A1P14.12	TO W1 P1A-2F TO ID A1J14.12 TO ID P13-52 (S201-33)
FROM W1 P3-8 (UUT J3-8) FROM ID J1A-2D	TO W1 P1A-2D TO ID A1J14.8

Date: 04 March 2016

FROM	ID	A1P14.9	ТО	ID	P13-50 (S201-25)
FP∩M	חד	P12-20 (S201-3)	ТΟ	TD	λ1D12 46
		A1J12.46			A1J10.2
		A1P10.2			P11-39 (S507-1)
FROM	TD	P11-72 (S507-4)	TΩ		A1P9.27
FDOM	TD	A1J9.27	TO		BUS 2
PROM	דט	A10 7 . 2 /	10	ΙD	D05 Z
FROM	W1	P3-8 (UUT J3-8)	то	W1	P1A-2D
		J1A-2D			A1J14.8
		A1P14.9	_		P13-50 (S201-25)
FROM	W1	P2-65 (UUT J1-65)	ТО	W1	P1A-7A
FROM	ID	J1A-7A	ТО	ID	A1J15.13
FROM	ID	A1P15.13	ТО	ID	P13-45 (S701-39)
FROM	ID	P12-76 (S701-1)			
FROM	ID	A1J12.50	TO	ID	A1J10.3
FROM	ID	A1P10.3	TO	ID	P11-194 (S506-1)
FROM	ID	P11-129 (S506-8)	TO	ID	A1P9.30
FROM	ID	A1J9.30	TO	ID	BUS 6
		BUS 6	_		A1J8.50
					P10-138 (S301-54)
		P10-9 (S301-53)	TO	ID	A1P7.26
		A1J7.26			
		A1P4.18			R108.1
		R108.2			A1P4.10
FROM	ID	A1J4.10	ТО	GRO	DUND
EDOM	TD	P12-76 (S701-1)	ТΩ	TD	ח10 ב0
					A1J10.3
					P11-194 (S506-1)
		P11-164 (S506-3) A1J9.23			
FROM	ΤD	A109.23	10	TD	BUS 1
FROM	TD	P20-2 (DMM-HI)	ΤО	TD	A1P15.49
		A1J15.49			A1J8.28
		A1P8.28			P10-203 (S503-1)
		P10-77 (S503-3)			A1P6.13
		AlJ6.13			BUS 1
FROM	ΙD	A100.13	10	דט	DUD I
FROM	ID	P20-3 (DMM-LO)	ТО	ID	A1P15.50
		A1J15.50			A1J7.38
		A1P7.38			P10-130 (S301-23)
		P10-229 (S301-24)			A1P7.36
		A1J7.36			DUND
2 20011			- 0		

STEP 557

DESCRIPTION:

Date: 04 March 2016

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J3.8, J1.29 AND J1.22. SHORT J1.56 TO GROUND. THE VOLTAGE MEASURED AT PIN J1.63 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

FPOM	TAT 1	P2-67 (UUT J1-67)	ТΟ	TAT 1	D17-6F
		J1A-6F			A1J14.20
		A1P14.20			P13-24 (S202-20)
11011	10	1111 11.20	10	10	113 21 (5202 20)
FROM	w 1	P2-29 (UUT J1-29)	то	W 1	P1A-1C
		J1A-1C			A1J14.5
		A1P14.5			P13-49 (S201-17)
					110 10 (2101 1,
FROM	W1	P2-22 (UUT J1-22)	то	W1	P1A-1B
		J1A-1B		ID	A1J14.3
		A1P14.3			P13-80 (S201-11)
			_		,
FROM	W1	P3-2 (UUT J3-2)	то	W1	P1A-2F
		J1A-2F			A1J14.12
		A1P14.12			P13-52 (S201-33)
FROM	W1	P3-8 (UUT J3-8)	ТО	W1	P1A-2D
FROM	ID	J1A-2D	ТО	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)	ТО	ID	A1P9.27
FROM	ID	A1J9.27	ТО	ID	BUS 2
${\tt FROM}$	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)
		P2-63 (UUT J1-63)			P1A-6B
		J1A-6B			A1J15.11
FROM	ID	A1P15.11	TO	ID	P13-10 (S701-33)
		P12-76 (S701-1)			A1P12.50
		A1J12.50			A1J10.3
		A1P10.3			P11-194 (S506-1)
		P11-129 (S506-8)			A1P9.30
FROM	ID	A1J9.30	TO	ID	BUS 6
		DIIG. 6			71.70 50
		BUS 6			A1J8.50
		A1P8.50			P10-138 (S301-54)
		P10-9 (S301-53)			A1P7.26
		A1J7.26			A1J4.18
F.KOW	TD	A1P4.18	.I.O	TD	R108.1

Date: 04 March 2016

FROM ID R108.2 FROM ID A1J4.10	TO ID A1P4.10 TO GROUND
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1J10.3 TO ID P11-194 (S506-1)
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1J8.28 TO ID P10-203 (S503-1)
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1J7.38 TO ID P10-130 (S301-23)

STEP 558

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J3.8, J1.29 AND J1.22. SHORT J1.56 TO GROUND. THE VOLTAGE MEASURED AT PIN J1.64 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

FROM W1 P2-67 (UUT J1-67) FROM ID J1A-6F FROM ID A1P14.20	
FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM W1 P2-22 (UUT J1-22) FROM ID J1A-1B FROM ID A1P14.3	TO W1 P1A-1B TO ID A1J14.3 TO ID P13-80 (S201-11)
FROM W1 P3-2 (UUT J3-2) FROM ID J1A-2F FROM ID A1P14.12	TO W1 P1A-2F TO ID A1J14.12 TO ID P13-52 (S201-33)
FROM W1 P3-8 (UUT J3-8) FROM ID J1A-2D FROM ID A1P14.9	TO W1 P1A-2D TO ID A1J14.8 TO ID P13-50 (S201-25)
FROM ID P12-20 (S201-3)	TO ID A1P12.46

Date: 04 March 2016

FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1J10.2 TO ID P11-39 (S507-1) TO ID A1P9.27 TO ID BUS 2
FROM W1 P3-8 (UUT J3-8) FROM ID J1A-2D FROM ID A1P14.9	TO W1 P1A-2D TO ID A1J14.8 TO ID P13-50 (S201-25)
FROM W1 P2-64 (UUT J1-64) FROM ID J1B-10F FROM ID A1P13.21	TO W1 P1B-10F TO ID A1J13.21 TO ID P12-73 (S701-37)
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-129 (S506-8) FROM ID A1J9.30	TO ID A1J10.3 TO ID P11-194 (S506-1)
FROM ID BUS 6 FROM ID A1P8.50 FROM ID P10-9 (S301-53) FROM ID A1J7.26 FROM ID A1P4.18 FROM ID R108.2 FROM ID A1J4.10	TO ID A1J8.50 TO ID P10-138 (S301-54) TO ID A1P7.26 TO ID A1J4.18 TO ID R108.1 TO ID A1P4.10 TO GROUND
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1P12.50 TO ID A1J10.3 TO ID P11-194 (S506-1)
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1J8.28 TO ID P10-203 (S503-1)
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

STEP 559

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J3.8, J1.29, J1.22 AND J1.62. J1.13 IS MOMENTARILY CONNECTED TO 28.0VDC. THE VOLTAGE MEASURED AT PIN J1.65 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

Date: 04 March 2016

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

FROM	W1	P2-13 (UUT J1-13)	ТО	W1	P1B-14B
FROM	ID	J1B-14B	TO	ID	A1J13.3
FROM	ID	A1P13.3	TO	ID	P12-46 (S201-7)
FROM	W1	P2-62 (UUT J1-62)	TO	W1	P1B-7C
FROM	ID	J1B-7C	TO	ID	A1J12.9
FROM	ID	A1P12.9	TO	ID	P12-19 (S201-31)

FROM W1 P2-67 (UUT J1-67) TO W1 P1A-6F FROM ID J1A-6F TO ID A1J14.20 FROM ID J1A-6F TO ID A1J14.20 FROM ID A1P14.20 TO ID P13-24 (S202-20)

FROM W1 P2-29 (UUT J1-29) TO W1 P1A-1C FROM ID J1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)

FROM W1 P2-22 (UUT J1-22) 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 TO ID P13-52 (S

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 J1A-2D TO ID P13-50 (S201-25) FROM ID A1P14.9

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

TO ID BUS 2 FROM ID A1J9.27

FROM W1 P3-8 (UUT J3-8) TO W1 P1A-2D FROM ID J1A-2D TO ID A1J14.8 FROM W1 P3-0 (OC. C. FROM ID J1A-2D TO ID P13-50 (S201-25)

FROM W1 P2-65 (UUT J1-65) 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 A1J9.30

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

Date: 04 March 2016

FROM ID A1J7.26 FROM ID A1P4.18 FROM ID R108.2 FROM ID A1J4.10	TO ID A1J4.18 TO ID R108.1 TO ID A1P4.10 TO GROUND
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1J10.3 TO ID P11-194 (S506-1)
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1J8.28 TO ID P10-203 (S503-1)
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1J7.38 TO ID P10-130 (S301-23)

STEP 560

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J3.8, J1.29, J1.22 AND J1.62. J1.13 IS MOMENTARILY CONNECTED TO 28.0VDC. THE VOLTAGE MEASURED AT PIN J3.1 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

	TO W1 P1B-7C TO ID A1J12.9 TO ID P12-19 (S201-31)
FROM W1 P2-67 (UUT J1FROM ID J1A-6FFROM ID A1P14.20	TO W1 P1A-6F TO ID A1J14.20 TO ID P13-24 (S202-20)
FROM W1 P2-29 (UUT J1FROM ID J1A-1CFROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM W1 P2-22 (UUT J1-FROM ID J1A-1B FROM ID A1P14.3	TO W1 P1A-1B TO ID A1J14.3 TO ID P13-80 (S201-11)
FROM W1 P3-2 (UUT J3-2) FROM ID J1A-2F	TO W1 P1A-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
	J1A-2D		A1J14.8
	A1P14.9		P13-50 (S201-25)
111011 12	1111 11.7	10 12	113 30 (8201 23)
FROM ID	P12-20 (S201-3)		
FROM ID	A1J12.46	TO ID	A1J10.2
	A1P10.2		P11-39 (S507-1)
	P11-72 (S507-4)		
FROM ID	A1J9.27	TO ID	BUS 2
FROM W1	P3-8 (UUT J3-8)	T∩ W1	ח2 – 2 ח
FROM ID			A1J14.8
	A1P14.9		P13-50 (S201-25)
PROM ID	AIF14.7	10 11	7 113 30 (5201 23)
	P3-1 (UUT J3-1)		
			A1J13.22
FROM ID	A1P13.22	TO ID	P12-75 (S701-43)
FROM ID	P12-76 (S701-1)	TO TE	λ1D12 50
	A1J12.50		A1J10.3
	A1P10.3		P11-194 (S506-1)
	P11-129 (S506-8)		
	A1J9.30		BUS 6
TROM ID	11109.30	10 12	200
	BUS 6		A1J8.50
	A1P8.50		P10-138 (S301-54)
	P10-9 (S301-53)		
	A1J7.26		A1J4.18
	A1P4.18	TO ID	R108.1
FROM ID	D100 2		
	R108.2		A1P4.10
	A1J4.10		A1P4.10 COUND
FROM ID	A1J4.10	TO GR	OUND
FROM ID		TO GR	OUND
FROM ID FROM ID	A1J4.10 P12-76 (S701-1)	TO GR	OUND 0 A1P12.50 0 A1J10.3
FROM ID FROM ID FROM ID	A1J4.10 P12-76 (S701-1) A1J12.50	TO ID TO ID TO ID	OUND A1P12.50
FROM ID FROM ID FROM ID FROM ID FROM ID	A1J4.10 P12-76 (S701-1) A1J12.50 A1P10.3	TO ID TO ID TO ID TO ID	OUND A1P12.50 A1J10.3 P11-194 (S506-1)
FROM ID FROM ID FROM ID FROM ID FROM ID	A1J4.10 P12-76 (S701-1) A1J12.50 A1P10.3 P11-164 (S506-3) A1J9.23	TO GR TO ID TO ID TO ID TO ID TO ID	A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.23 BUS 1
FROM ID FROM ID FROM ID FROM ID FROM ID FROM ID	A1J4.10 P12-76 (S701-1) A1J12.50 A1P10.3 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI)	TO GR TO ID TO ID TO ID TO ID TO ID TO ID	A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.23 BUS 1 A1P15.49
FROM ID	A1J4.10 P12-76 (S701-1) A1J12.50 A1P10.3 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49	TO GR TO ID	A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.23 BUS 1 A1P15.49 A1J8.28
FROM ID	A1J4.10 P12-76 (S701-1) A1J12.50 A1P10.3 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28	TO GR TO ID	A1P12.50 A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.23 BUS 1 A1P15.49 A1J8.28 P10-203 (S503-1)
FROM ID	A1J4.10 P12-76 (S701-1) A1J12.50 A1P10.3 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3)	TO GREAT TO ID TO	A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.23 BUS 1 A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13
FROM ID	A1J4.10 P12-76 (S701-1) A1J12.50 A1P10.3 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28	TO GREAT TO ID TO	A1P12.50 A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.23 BUS 1 A1P15.49 A1J8.28 P10-203 (S503-1)
FROM ID	A1J4.10 P12-76 (S701-1) A1J12.50 A1P10.3 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3)	TO GR TO ID	A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.23 BUS 1 A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13
FROM ID	A1J4.10 P12-76 (S701-1) A1J12.50 A1P10.3 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13	TO GR TO ID	A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.23 BUS 1 A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1
FROM ID	A1J4.10 P12-76 (S701-1) A1J12.50 A1P10.3 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13 P20-3 (DMM-LO)	TO GR TO ID	A1P12.50 A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.23 BUS 1 A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1 A1P15.50 A1J7.38 P10-130 (S301-23)
FROM ID	A1J4.10 P12-76 (S701-1) A1J12.50 A1P10.3 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13 P20-3 (DMM-LO) A1J15.50 A1P7.38 P10-229 (S301-24)	TO GR TO ID	A1P12.50 A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.23 BUS 1 A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1 A1P15.50 A1J7.38
FROM ID	A1J4.10 P12-76 (S701-1) A1J12.50 A1P10.3 P11-164 (S506-3) A1J9.23 P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13 P20-3 (DMM-LO) A1J15.50 A1P7.38	TO GR TO ID	A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.23 BUS 1 A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 BUS 1 A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36

Date: 04 March 2016

STEP 561

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J3.8, J1.29, J1.22 AND J1.62. J1.13 IS MOMENTARILY CONNECTED TO 28.0VDC. THE VOLTAGE MEASURED AT PIN J1.24 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

FROM ID	P2-62 (UUT J1-62) J1B-7C A1P12.9		P1B-7C A1J12.9 P12-19 (S201-31)
FROM ID	P2-67 (UUT J1-67)	TO W1 TO ID	
FROM ID	P2-29 (UUT J1-29) J1A-1C A1P14.5	TO ID	P1A-1C A1J14.5 P13-49 (S201-17)
FROM ID	P2-22 (UUT J1-22) J1A-1B A1P14.3	TO ID	P1A-1B A1J14.3 P13-80 (S201-11)
FROM ID	P3-2 (UUT J3-2) J1A-2F A1P14.12	TO ID	P1A-2F A1J14.12 P13-52 (S201-33)
FROM ID	P3-8 (UUT J3-8) J1A-2D A1P14.9	TO ID	P1A-2D A1J14.8 P13-50 (S201-25)
FROM ID FROM ID	P12-20 (S201-3) A1J12.46 A1P10.2 P11-72 (S507-4) A1J9.27	TO ID TO ID	P11-39 (S507-1)
FROM ID	P3-8 (UUT J3-8) J1A-2D A1P14.9	TO ID	P1A-2D A1J14.8 P13-50 (S201-25)
FROM ID	P2-24 (UUT J1-24) J1B-11F A1P13.18	TO ID	P1B-11F A1J13.18 P12-40 (S701-29)
FROM ID	P12-76 (S701-1) A1J12.50 A1P10.3	TO ID	A1P12.50 A1J10.3 P11-194 (S506-1)

Date: 04 March 2016

FROM	ID	P11-129 (S506-8)	TO	ID	A1P9.30	
FROM	ID	A1J9.30	TO	ID	BUS 6	
FROM	ID	BUS 6 A1P8.50	TO	ID	A1J8.50	
FROM	ID	A1P8.50	TO			(S301-54)
FROM	ID	P10-9 (S301-53)	TO	ID	A1P7.26	
FROM	ID	A1J7.26 A1P4.18 R108.2 A1J4.10	TO	ID	A1J4.18	
FROM	ID	A1P4.18	TO	ID	R108.1	
FROM	ID	R108.2	TO	ID	A1P4.10	
FROM	ID	A1J4.10	TO	GRO	OUND	
FROM	ID	P12-76 (S701-1)	TO	ID	A1P12.50)
FROM	ID	A1J12.50 A1P10.3	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 A1P8 28	TO		A1J8.28	
11011		1111 0 . 20				(S503-1)
FROM	ID	P10-77 (S503-3)	TO	ID	A1P6.13	
FROM	ID	A1J6.13	TO	ID	BUS 1	
FROM	ID	P20-3 (DMM-LO)	TO)
FROM	ID	A1J15.50 A1P7.38	TO	ID	A1J7.38	
						(S301-23)
FROM	ID	P10-229 (S301-24)	TO	ID	A1P7.36	
FROM	ID	A1J7.36	TO	GRO	DUND	

STEP 562

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J3.8, J1.29, J1.22 AND J1.28. SHORT J1.56 TO GROUND. THE VOLTAGE MEASURED AT PIN J1.65 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

FROM	W1	P2-28	(UUT	J1-28)	TO	W1	P1B-9A
FROM	ID	J1B-9 <i>P</i>	1		TO	ID	A1J12.1
FROM	ID	A1P12.	1		TO	ID	P12-48 (S201-15)
FROM	W1	P2-67	(UUT	J1-67)	TO	W1	P1A-6F
FROM	ID	J1A-6F	,		TO	ID	A1J14.20
FROM	ID	A1P14.	20		TO	ID	P13-24 (S202-20)
FROM	W1	P2-29	(UUT	J1-29)	TO	W1	P1A-1C
FROM	ID	J1A-10	1		TO	ID	A1J14.5
FROM	ID	A1P14.	5		TO	ID	P13-49 (S201-17)

FROM	W1	P2-22 (UUT J1-22)	ТО	W1	P1A-1B
		J1A-1B			A1J14.3
		A1P14.3			P13-80 (S201-11)
			-0		110 00 (2101 11,
FROM	พ1	P3-2 (UUT J3-2)	ΤО	W1	P1A-2F
		J1A-2F			A1J14.12
		A1P14.12			P13-52 (S201-33)
PROM	עד	AIF14.1Z	10	עב	F13-32 (5201-33)
FPOM	TAT 1	P3-8 (UUT J3-8)	ТΟ	TAT 1	P1A-2D
		J1A-2D			A1J14.8
		A1P14.9			P13-50 (S201-25)
FROM	עד	AIP14.9	10	ΙD	P13-30 (3201-23)
ED OM	TD	P12-20 (S201-3)	ТΟ	TD	A1P12.46
		A1J12.46			
					A1J10.2
		A1P10.2			P11-39 (S507-1)
		P11-72 (S507-4)			A1P9.27
FROM	ID	A1J9.27	TO	ID	BUS 2
ED OM	T.7 T	D2 0 (111111 T2 0)	ш0	r.71	D17 OD
		P3-8 (UUT J3-8)			P1A-2D
		J1A-2D			A1J14.8
FROM	ID	A1P14.9	ТО	ID	P13-50 (S201-25)
EDOM	TAT 1	P2-65 (UUT J1-65)		TAT 1	P1A-7A
		J1A-7A			A1J15.13
FROM	TD	A1P15.13	10	TD	P13-45 (S701-39)
FROM	TD	P12-76 (S701-1)	тО	TD	A1P12.50
		A1J12.50			A1J10.3
		A1P10.3			P11-194 (S506-1)
		P11-129 (S506-8)			A1P9.30
FROM	TD	A1J9.30	TO	TD	BUS 6
ED OM	TD	BUS 6	ΤО	TD	A1J8.50
		A1P8.50			P10-138 (S301-54)
		P10-9 (S301-53)			A1P7.26
		A1J7.26			A1J4.18
		A1P4.18			R108.1
		R108.2			A1P4.10
FROM	ID	A1J4.10	TO	GRO	DUND
		-10 56 (2501 1)			-1-10 50
		P12-76 (S701-1)	_		A1P12.50
		A1J12.50			A1J10.3
		A1P10.3			P11-194 (S506-1)
		P11-164 (S506-3)	TO	ID	A1P9.23
FROM	ID	A1J9.23	TO	ID	BUS 1
		P20-2 (DMM-HI)			A1P15.49
		A1J15.49			A1J8.28
		A1P8.28			P10-203 (S503-1)
		P10-77 (S503-3)	TO	ID	A1P6.13
FROM	ID	A1J6.13	TO	ID	BUS 1
		P20-3 (DMM-LO)			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 TO GROUND FROM ID A1P7.38

STEP 563

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J3.8, J1.29, J1.22 AND J1.28. SHORT J1.56 TO GROUND. THE VOLTAGE MEASURED AT PIN J1.24 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

FROM W1 P2-28 (UUT J1-28) TO W1 P1B-9A FROM ID J1B-9A TO ID A1J12.1 FROM ID A1P12.1 TO ID P12-48 (S201-15)

FROM W1 P2-67 (UUT J1-67) TO W1 P1A-6F FROM ID J1A-6F TO ID A1J14.20 FROM ID A1P14.20 TO ID P13-24 (S202-20)

FROM W1 P2-29 (UUT J1-29) 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 J1-22) $$ 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 (S 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 J1A-2D

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 ID A1J9.27 TO ID BUS 2

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

TO ID P13-50 (S201-25)

FROM W1 P2-24 (UUT J1-24) TO W1 P1B-11F FROM ID J1B-11F TO ID A1J13.18 FROM ID J1B-11F FROM ID A1P13.18

TO ID P12-40 (S701-29)

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FROM	ID	P12-76 (S701-1)	ТО	ID	A1P12.50	
FROM	ID	A1J12.50	ТО	ID	A1J10.3	
FROM	ID	A1P10.3	ТО	ID	P11-194	(S506-1)
FROM	ID	P11-129 (S506-8)	ТО	ID	A1P9.30	
		A1J9.30			BUS 6	
FROM	ID	BUS 6 A1P8.50	TO	ID	A1J8.50	
FROM	ID	A1P8.50	TO	ID	P10-138	(S301-54)
FROM	ID			ID	A1P7.26	
FROM	ID	A1J7.26	TO	ID	A1J4.18	
FROM	ID	A1P4.18	TO	ID	R108.1	
FROM	ID	A1J7.26 A1P4.18 R108.2 A1J4.10	TO	ID	A1P4.10	
FROM	ID	A1J4.10	TO	GRO	DUND	
FROM	ID	P12-76 (S701-1)				
FROM	ID				A1J10.3	
FROM	ID	A1P10.3				(S506-1)
		P11-164 (S506-3)				
FROM	ID	A1J9.23	TO	ID	BUS 1	
FROM	ID	P20-2 (DMM-HI)				
					A1J8.28	(~=00 1)
						(S503-1)
FROM	TD	,			A1P6.13	
FROM	TD	A1J6.13	JO	ID	BUS 1	
	TD	D20 2 (DMM T0)	шо	TD	71D1F F0	
L KOM	TD	P20-3 (DMM-LO) A1J15.50 A1P7.38	TO	TD	A177 20	
	TD	A107 20	TO	TD	D10 120	(S301-23)
	TD	D10 220 /G201 24\	TO	TD	71D7 26	(DSUI-ZS)
		P10-229 (S301-24) AlJ7.36				
r KOM	ΤIJ	A10 / . 30	ΤO	GRU	OUND	

STEP 564

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J3.8, J1.29, J1.22 AND J1.28. SHORT J1.56 TO GROUND. THE VOLTAGE MEASURED AT PIN J1.64 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS: SEE "UUT POWER"

FROM W1 P2-28 (UUT J1-28) TO W1 P1B-9A
FROM ID J1B-9A TO ID A1J12.1
FROM ID A1P12.1 TO ID P12-48 (S201-15)

FROM W1 P2-67 (UUT J1-67) TO W1 P1A-6F FROM ID J1A-6F TO ID A1J14.20 FROM ID A1P14.20 TO ID P13-24 (S202-20)

FROM W1 P2-29 (UUT J1-29) 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 J1-22)	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)
111011 12 1111 1117	10 12 110 00 (2101 10)
FROM ID P12-20 (S201-3)	TO TD A1P12.46
FROM ID A1J12.46	TO ID A1J10.2
FROM ID A1P10.2	TO ID P11-39 (S507-1)
FROM ID P11-72 (S507-4)	
FROM ID A1J9.27	TO ID BUS 2
11107.27	10 10 500 2
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)
TROM ID AIF14.9	10 10 113 30 (5201 23)
FROM W1 P2-64 (UUT J1-64)	TO W1 D1R-10F
FROM ID J1B-10F	TO ID A1J13.21
FROM ID A1P13.21	TO ID P12-73 (S701-37)
INON ID AII 13.21	10 10 112 73 (8701 37)
FROM ID P12-76 (S701-1)	TO TD A1P12.50
FROM ID A1J12.50	TO ID A1J10.3
FROM ID A1P10.3	TO ID P11-194 (S506-1)
FROM ID P11-129 (S506-8)	
FROM ID AlJ9.30	TO ID BUS 6
FROM ID BUS 6	TO ID A1J8.50
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
111011 12 1110 1110	10 01100112
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
11(0.11 11 1110).20	10 10 000 1
FROM ID P20-2 (DMM-HI)	TO ID A1P15.49
FROM ID A1J15.49	TO ID A1J8.28
FROM ID A1P8.28	TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3)	TO ID A1P6.13
FROM ID A1J6.13	TO ID BUS 1
LIVORT AT MICO.TO	TO DOD T

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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 565

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J1.29, J1.22, J1.28, J1.27 AND J1.34. SHORT J1.56, J1.39, J1.40 AND J3.22 TO GROUND. THE VOLTAGE MEASURED AT PIN J3.3 SHOULD BE LESS THAN 0.9VDC WITH RESPECT TO GROUND.

	P2-27 (UUT J1-27) J1B-14C A1P13.5	TO W1 P1B-14C TO ID A1J13.5 TO ID P12-14 (S201-13)
FROM W1	P2-39 (UUT J1-39)	TO W1 P1A-1E
FROM ID	JIA-IE	TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM ID	AIPI4.9	TO ID P13-17 (S201-26)
	P12-80 (S201-2)	
F'ROM ID	A1J12.40	TO ID A1J10.8 TO ID P11-139 (S508-2)
F'ROM ID	AIPI0.8	TO ID PII-139 (S508-2)
	P11-205 (S508-10)	
FROM ID	A1J9.2	TO ID BUS 8
FROM W1	P2-40 (UUT J1-40)	TO W1 P1A-1F
FROM ID	J1A-1F	TO ID A1J14.11
FROM ID	A1P14.11	TO ID A1J14.11 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 TO ID P13-19 (S201-34)
FROM ID	A1P14.13	TO ID P13-19 (S201-34)
FROM W1	P2-34 (UUT J1-34)	TO W1 P1A-5F
FROM ID	J1A-5F	TO ID A1J14.18
FROM ID	A1P14.18	TO ID P13-89 (S202-18)
FROM W1	P2-28 (UUT J1-28)	TO W1 P1B-9A
FROM ID	J1B-9A	TO ID A1J12.1
FROM ID	J1B-9A A1P12.1	TO ID P12-48 (S201-15)
	P2-67 (UUT J1-67)	TO W1 P1A-6F
FROM ID	J1A-6F	TO ID A1J14.20
FROM ID	J1A-6F A1P14.20	TO ID P13-24 (S202-20)
	P2-29 (UUT J1-29)	TO W1 P1A-1C

FROM ID J1A-1C FROM ID A1P14.5	TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM W1 P2-22 (UUT J1-22) FROM ID J1A-1B FROM ID A1P14.3	TO W1 P1A-1B TO ID A1J14.3 TO ID P13-80 (S201-11)
FROM W1 P3-2 (UUT J3-2) FROM ID J1A-2F FROM ID A1P14.12	TO W1 P1A-2F TO ID A1J14.12 TO ID P13-52 (S201-33)
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1J10.2 TO ID P11-39 (S507-1)
FROM W1 P3-3 (UUT J3-3) FROM ID J1A-5B FROM ID A1P15.8	TO W1 P1A-5B TO ID A1J15.8 TO ID P13-42 (S701-23)
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-129 (S506-8) FROM ID A1J9.30	TO ID A1J10.3 TO ID P11-194 (S506-1)
FROM ID BUS 6 FROM ID A1P8.48 FROM ID P10-42 (S301-49) FROM ID A1J7.24 FROM ID A1P4.16 FROM ID R109.2	TO ID A1J4.16 TO ID R109.1 TO ID A1P4.9
FROM ID A1J4.9 FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO +28V TO ID A1P12.50 TO ID A1J10.3 TO ID P11-194 (S506-1) TO ID A1P9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1P15.49 TO ID A1J8.28 TO ID P10-203 (S503-1) TO ID A1P6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1P15.50 TO ID A1J7.38 TO ID P10-130 (S301-23) TO ID A1P7.36 TO GROUND

Date: 04 March 2016

STEP 566

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J1.29, J1.22, J1.28, J1.27 AND J1.34. SHORT J1.56, J1.39, J1.40 AND J3.22 TO GROUND. THE VOLTAGE MEASURED AT PIN J1.58 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

FROM W1 P2-27 (UUT J1-27)	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 J1-39)	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) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P12.40 TO ID A1J10.8 TO ID P11-139 (S508-2) TO ID A1P9.2 TO ID BUS 8
FROM W1 P2-40 (UUT J1-40) FROM ID J1A-1F FROM ID A1P14.11	TO W1 P1A-1F TO ID A1J14.11 TO ID P13-51 (S201-28)
FROM W1 P3-22 (UUT J3-22)	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 J1-34)	TO W1 P1A-5F
FROM ID J1A-5F	TO ID A1J14.18
FROM ID A1P14.18	TO ID P13-89 (S202-18)
FROM W1 P2-28 (UUT J1-28)	TO W1 P1B-9A
FROM ID J1B-9A	TO ID A1J12.1
FROM ID A1P12.1	TO ID P12-48 (S201-15)
	TO ID A1J14.20 TO ID P13-24 (S202-20)
FROM W1 P2-29 (UUT J1-29)	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 J1-22)	TO W1 P1A-1B
FROM ID J1A-1B	TO ID A1J14.3
FROM ID A1P14.3	TO ID P13-80 (S201-11)

Date: 04 March 2016

FROM	w1	P3-2 (UUT J3-2)	ΤО	w1	P1A-2F
					A1J14.12
		A1P14.12			P13-52 (S201-33)
111011		1111 11.12	10		113 32 (8201 33)
FROM	TD	P12-20 (S201-3)	ΤО	TD	A1P12.46
		A1J12.46			A1J10.2
		A1P10.2			P11-39 (S507-1)
					A1P9.27
		A1J9.27			BUS 2
111011		11100.27	10		202 2
FROM	W1	P2-58 (UUT J1-58)	то	W1	P1B-10D
	TD	T1D 10D			A1J13.19
FROM	ID	A1P13.19			P12-42 (S701-35)
					,
FROM	ID	P12-76 (S701-1)	ТО	ID	A1P12.50
		A1J12.50			A1J10.3
FROM	ID	A1P10.3	ТО	ID	P11-194 (S506-1)
					A1P9.30
		A1J9.30			BUS 6
FROM	ID	BUS 6	ТО	ID	A1J8.50
FROM	ID	A1P8.50			P10-138 (S301-54)
FROM	ID	P10-9 (S301-53)	ТО	ID	A1P7.26
		A1J7.26			A1J4.18
FROM	ID	A1P4.18	TO	ID	R108.1
FROM	ID	R108.2			A1P4.10
		A1J4.10	ТО	GRO	DUND
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
		P20-2 (DMM-HI)			
FROM	ID	A1J15.49	TO	ID	A1J8.28
FROM	ID	A1P8.28	TO	ID	P10-203 (S503-1)
${\tt FROM}$	ID	P10-77 (S503-3)	TO	ID	A1P6.13
${\tt FROM}$	ID	A1J6.13	TO	ID	BUS 1
		P20-3 (DMM-LO)			A1P15.50
		A1J15.50	TO	ID	A1J7.38
		A1P7.38	TO	ID	P10-130 (S301-23)
${\tt FROM}$	ID	P10-229 (S301-24)	TO	ID	A1P7.36
FROM	ID	A1J7.36	TO	GRO	DUND

STEP 567

DESCRIPTION:

Date: 04 March 2016

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J1.29, J1.22, J1.28, J1.27 AND J1.34. SHORT J1.56, J1.39, J1.40 AND J3.22 TO GROUND. THE VOLTAGE MEASURED AT PIN J1.64 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

FROM W1 P2-27 (UUT J1-27)	
FROM ID J1B-14C	TO ID A1J13.5
FROM ID A1P13.5	TO ID P12-14 (S201-13)
	(12.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
FROM W1 P2-39 (UUT J1-39)	TO W1 P1A-1E
FROM ID J1A-1E	TO ID A1J14.9
FROM ID A1P14.9	TO ID P13-17 (S201-26)
FROM ID AIF14.9	10 10 113-17 (5201-20)
FROM ID P12-80 (S201-2)	TO ID A1P12.40
	TO ID A1J10.8
FROM ID A1P10.8	TO ID P11-139 (S508-2)
FROM ID P11-205 (S508-10)	
FROM ID A1J9.2	TO ID BUS 8
FROM W1 P2-40 (UUT J1-40)	TO W1 P1A-1F
DOM TO TIN 1D	TO ID A1J14.11
FROM ID SIA-IF FROM ID A1P14.11	TO ID P13-51 (S201-28)
FROM ID AIPI4.II	10 1D P13-51 (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 ID AIP14.13	10 1D P13-19 (3201-34)
FROM W1 P2-34 (UUT J1-34)	TO W1 P1A-5F
FROM ID J1A-5F	TO ID A1J14.18
FROM ID A1P14.18	TO ID P13-89 (S202-18)
TROM ID MITTILIO	10 12 113 05 (2202 10)
FROM W1 P2-28 (UUT J1-28)	TO W1 P1B-9A
FROM ID J1B-9A	TO ID A1J12.1
FROM ID A1P12.1	TO ID P12-48 (S201-15)
TROM ID MITTE.	10 12 112 10 (5201 13)
FROM W1 P2-67 (UUT J1-67)	TO W1 P1A-6F
FROM ID J1A-6F	TO ID A1J14.20
FROM ID A1P14.20	TO ID P13-24 (S202-20)
INON ID AII II. 20	10 10 113 21 (5202 20)
FROM W1 P2-29 (UUT J1-29)	TO W1 P1A-1C
FROM ID J1A-1C	TO ID A1J14.5
FROM ID A1P14.5	TO ID P13-49 (S201-17)
11011 12 1111 11.0	10 12 113 17 (5201 17)
FROM W1 P2-22 (UUT J1-22)	TO W1 P1A-1B
FROM ID J1A-1B	TO ID A1J14.3
FROM ID A1P14.3	TO ID P13-80 (S201-11)
FROM W1 P3-2 (UUT J3-2)	TO W1 P1A-2F
FROM ID J1A-2F	TO ID A1J14.12

Date: 04 March 2016

FROM ID	A1P14.12	TO	ID	P13-52 (S201-33)
FROM ID FROM ID	P12-20 (S201-3) A1J12.46 A1P10.2 P11-72 (S507-4) A1J9.27	TO TO	ID ID	A1P12.46 A1J10.2 P11-39 (S507-1) A1P9.27 BUS 2
FROM ID	P2-64 (UUT J1-64) J1B-10F A1P13.21	TO	ID	P1B-10F A1J13.21 P12-73 (S701-37)
FROM ID	P12-76 (S701-1) A1J12.50 A1P10.3 P11-129 (S506-8) A1J9.30	TO TO	ID ID	P11-194 (S506-1)
FROM ID FROM ID	BUS 6 A1P8.50 P10-9 (S301-53) A1J7.26 A1P4.18 R108.2 A1J4.10	TO TO TO TO	ID ID ID ID	A1J8.50 P10-138 (S301-54) A1P7.26 A1J4.18 R108.1 A1P4.10
FROM ID FROM ID FROM ID FROM ID	P12-76 (S701-1) A1J12.50	TO TO TO	ID ID ID	A1P12.50 A1J10.3 P11-194 (S506-1)
FROM ID FROM ID FROM ID	P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13	TO TO	ID ID ID	A1J8.28 P10-203 (S503-1)
FROM ID FROM ID FROM ID	P20-3 (DMM-LO) A1J15.50 A1P7.38 P10-229 (S301-24) A1J7.36	TO TO	ID ID ID	A1P15.50 A1J7.38 P10-130 (S301-23) A1P7.36 DUND

STEP 568

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J1.29, J1.22, J1.28, J1.27, J1.34, J1.38 AND J1.51. SHORT J1.56 AND J1.39 TO GROUND. THE VOLTAGE MEASURED AT PIN J3.3 SHOULD BE LESS THAN 0.9VDC WITH RESPECT TO GROUND.

Date: 04 March 2016

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

SEE "UUT POWER"					
FROM W1 P2-51 (UUT J1-51) FROM ID J1B-9B FROM ID A1P12.2	TO W1 P1B-9B TO ID A1J12.2 TO ID P12-15 (S201-16)				
FROM ID P12-52 (S201-4) FROM ID A1J12.44 FROM ID A1P10.4 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1J10.4 TO ID P11-71 (S507-2)				
FROM W1 P2-38 (UUT J1-38) FROM ID J1B-8B FROM ID A1P12.5	TO W1 P1B-8B TO ID A1J12.5 TO ID P12-17 (S201-23)				
FROM W1 P2-27 (UUT J1-27) FROM ID J1B-14C FROM ID A1P13.5	TO W1 P1B-14C TO ID A1J13.5 TO ID P12-14 (S201-13)				
FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)				
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1J10.8 TO ID P11-139 (S508-2)				
FROM W1 P2-34 (UUT J1-34) FROM ID J1A-5F FROM ID A1P14.18	TO W1 P1A-5F TO ID A1J14.18 TO ID P13-89 (S202-18)				
FROM W1 P2-28 (UUT J1-28) FROM ID J1B-9A FROM ID A1P12.1	TO W1 P1B-9A TO ID A1J12.1 TO ID P12-48 (S201-15)				
FROM W1 P2-67 (UUT J1-67) FROM ID J1A-6F FROM ID A1P14.20	TO W1 P1A-6F TO ID A1J14.20 TO ID P13-24 (S202-20)				
FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)				
FROM W1 P2-22 (UUT J1-22) FROM ID J1A-1B FROM ID A1P14.3	TO W1 P1A-1B TO ID A1J14.3 TO ID P13-80 (S201-11)				
FROM W1 P3-2 (UUT J3-2) FROM ID J1A-2F FROM ID A1P14.12	TO W1 P1A-2F TO ID A1J14.12 TO ID P13-52 (S201-33)				

Date: 04 March 2016

FROM ID	P12-20 (S201-3)	то	ID	A1P12.46
	A1J12.46			A1J10.2
FROM ID	A1P10.2	ΤО		P11-39 (S507-1)
FROM ID	P11-72 (S507-4)	ТО		A1P9.27
FROM ID	A1J9.27	ТО		BUS 2
FROM W1	P3-3 (UUT J3-3) J1A-5B	ТО	W1	P1A-5B
FROM ID	J1A-5B	TO	ID	A1J15.8
FROM ID	A1P15.8	TO	ID	P13-42 (S701-23)
EDOM ID	D12_76 (G701_1)	ТΟ	TD	אַ 1010 בּ
FROM ID	P12-76 (S701-1) A1J12.50	TO	TD	A1J10.3
	A1P10.3			P11-194 (S506-1)
	P11-129 (S506-8)	TO		A1P9.30
FROM ID	A1J9.30	TO		BUS 6
FROM ID	A109.30	10	ΙD	005 0
FROM ID	BUS 6	то	ID	A1J8.48
	A1P8.48			P10-171 (S301-50)
FROM ID	P10-42 (S301-49)			
	A1J7.24			A1J4.16
	A1P4.16			R109.1
	R109.2			A1P4.9
FROM ID			+28	
	-40 -4 (04 4)			-4-40 -0
FROM ID	P12-76 (S701-1)	TO	ID	A1P12.50
	A1J12.50			A1J10.3
	A1P10.3	TO	ID	P11-194 (S506-1)
	P11-164 (S506-3)			
FROM ID	A1J9.23	ТО	ID	BUS 1
FROM ID	P20-2 (DMM-HT)	ΤО	TD	A1P15.49
FROM ID	P20-2 (DMM-HI) A1J15.49	TO		A1J8.28
	A1P8.28			P10-203 (S503-1)
	P10-77 (S503-3)			A1P6.13
FROM ID	A1J6.13	TO		BUS 1
				- ·
FROM ID	P20-3 (DMM-LO)	ТО	ID	A1P15.50
FROM ID	A1J15.50		ID	A1J7.38
	A1P7.38			P10-130 (S301-23)
FROM ID	P10-229 (S301-24)	TO	ID	A1P7.36
	A1J7.36			DUND

STEP 569

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J1.29, J1.22, J1.28, J1.27, J1.34, J1.38 AND J1.51. SHORT J1.56 AND J1.39 TO GROUND. THE VOLTAGE MEASURED AT PIN J1.58 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

FROM W1 P2-51 (UUT J1-51)	
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)	
FROM ID A1J9.27	TO ID BUS 2
FROM W1 P2-38 (UUT J1-38)	
FROM ID J1B-8B	TO ID A1J12.5
FROM ID A1P12.5	TO ID P12-17 (S201-23)
FROM W1 P2-27 (UUT J1-27)	TO W1 P1B-14C
FROM ID J1B-14C	TO ID A1J13.5
FROM ID A1P13.5	TO ID P12-14 (S201-13)
TDOM 141 DO 20 /1111 T1 20\	mo wii pia 1n
FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E	TO W1 P1A-1E TO ID A1J14.9
FROM ID A1P14.9	TO ID P13-17 (S201-26)
FROM ID AIF14.9	10 1D F13-17 (3201-20)
FROM ID P12-80 (S201-2)	TO ID A1P12.40
FROM ID A1J12.40	TO ID A1J10.8
FROM ID A1P10.8	TO ID P11-139 (S508-2)
FROM ID P11-205 (S508-10)	
FROM ID A1J9.2	TO ID BUS 8
FROM W1 P2-34 (UUT J1-34)	TO W1 P1A-5F
FROM ID J1A-5F	TO ID A1J14.18
FROM ID A1P14.18	TO ID P13-89 (S202-18)
FROM W1 P2-28 (UUT J1-28)	
FROM ID J1B-9A FROM ID A1P12.1	TO ID A1J12.1 TO ID P12-48 (S201-15)
FROM ID AIPIZ.I	10 1D P12-46 (S201-15)
FROM W1 P2-67 (UUT J1-67)	TO W1 P1A-6F
FROM ID J1A-6F	TO ID A1J14.20
FROM ID A1P14.20	TO ID P13-24 (S202-20)
FROM W1 P2-29 (UUT J1-29)	TO W1 P1A-1C
FROM ID J1A-1C	TO ID A1J14.5
FROM ID A1P14.5	TO ID P13-49 (S201-17)
	10 12 110 19 (8101 17)
FROM W1 P2-22 (UUT J1-22)	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 ID P12-20 (S201-3)	TO ID A1P12.46
FROM ID P12-20 (S201-3) FROM ID A1J12.46	TO ID A1912.46
INOM ID AIUIA.IU	10 1D A1010.2

Date: 04 March 2016

```
FROM ID A1P10.2 TO ID P11-39 (S507-1)
FROM ID P11-72 (S507-4) TO ID A1P9.27
TO ID RIIS 2
FROM ID A1J9.27
                                                              TO ID BUS 2
FROM W1 P2-58 (UUT J1-58) 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
                                                            TO ID A1J8.50
FROM ID BUS 6
FROM ID A1P8.50
FROM ID A1P8.50

FROM ID P10-9 (S301-53)

FROM ID A1J7.26

FROM ID A1P4.18

FROM ID R108.2

FROM ID A1J4.10

TO ID A1C0.30

TO ID P10-138 (S301-54)

TO ID A1P7.26

TO ID A1P4.18

TO ID R108.1

TO ID A1P4.10

TO GROUND
FROM ID P12-76 (S701-1) TO ID A1P12.50
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 PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J1.29, J1.22, J1.28, J1.27, J1.34, J1.38 AND J1.51. SHORT J1.56 AND J1.39 TO GROUND. THE VOLTAGE MEASURED AT PIN J1.64 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS: SEE "UUT POWER"

FROM W1 P2-51 (UUT J1-51) TO W1 P1B-9B

FROM ID J1B-9B FROM ID A1P12.2	TO ID A1J12.2 TO ID P12-15 (S201-16)
	TO ID A1J10.4 TO ID P11-71 (S507-2)
FROM W1 P2-38 (UUT J1-38) FROM ID J1B-8B FROM ID A1P12.5	TO W1 P1B-8B TO ID A1J12.5 TO ID P12-17 (S201-23)
FROM W1 P2-27 (UUT J1-27) FROM ID J1B-14C FROM ID A1P13.5	TO W1 P1B-14C TO ID A1J13.5 TO ID P12-14 (S201-13)
FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1J10.8 TO ID P11-139 (S508-2)
FROM W1 P2-34 (UUT J1-34) FROM ID J1A-5F FROM ID A1P14.18	TO W1 P1A-5F TO ID A1J14.18 TO ID P13-89 (S202-18)
FROM W1 P2-28 (UUT J1-28) FROM ID J1B-9A FROM ID A1P12.1	TO W1 P1B-9A TO ID A1J12.1 TO ID P12-48 (S201-15)
FROM W1 P2-67 (UUT J1-67) FROM ID J1A-6F FROM ID A1P14.20	
FROM W1 P2-29 (UUT J1-29) FROM ID J1A-1C FROM ID A1P14.5	TO W1 P1A-1C TO ID A1J14.5 TO ID P13-49 (S201-17)
FROM W1 P2-22 (UUT J1-22) FROM ID J1A-1B	TO ID A1J14.3
FROM ID A1P14.3	TO ID P13-80 (S201-11)
FROM ID A1P14.3 FROM W1 P3-2 (UUT J3-2) FROM ID J1A-2F FROM ID A1P14.12	

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FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-64 (UUT J1-64) FROM ID J1B-10F FROM ID A1P13.21	TO W1 P1B-10F TO ID A1J13.21 TO ID P12-73 (S701-37)
FROM ID P11-129 (S506-8)	TO ID A1J10.3 TO ID P11-194 (S506-1) TO ID A1P9.30
FROM ID A1J9.30 FROM ID BUS 6 FROM ID A1P8.50 FROM ID P10-9 (S301-53) FROM ID A1J7.26 FROM ID A1P4.18 FROM ID R108.2 FROM ID A1J4.10 FROM ID P12-76 (S701-1)	TO ID A1J8.50 TO ID P10-138 (S301-54) TO ID A1P7.26 TO ID A1J4.18 TO ID R108.1 TO ID A1P4.10 TO GROUND
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1J10.3 TO ID P11-194 (S506-1)
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1J8.28
FROM ID ALJ6.13	10 10 805 1

STEP 571

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J1.29, J1.22, J1.28, J1.27, J1.34, J1.38 AND J1.51. SHORT J1.56 AND J1.39 TO GROUND. THE VOLTAGE MEASURED AT PIN J1.48 SHOULD BE LESS THAN 0.9VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS: SEE "UUT POWER"

FROM W1 P2-51 (UUT J1-51) 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 TD A1P12 44
FROM ID A1J12.44	TO ID A1J10.4
FROM ID A1012.44 FROM ID A1P10.4	TO ID P11-71 (S507-2)
FROM ID P11-72 (S507-4)	
FROM ID A1J9.27	TO ID BUS 2
FROM ID A109.27	10 10 803 2
FROM W1 P2-38 (UUT J1-38	
FROM ID J1B-8B	TO ID A1J12.5
FROM ID A1P12.5	TO ID P12-17 (S201-23)
FROM W1 P2-27 (UUT J1-27) 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 J1-39	
FROM ID J1A-1E	TO ID A1J14.9
FROM ID A1P14.9	TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2)	TO ID A1P12.40
FROM ID A1J12.40	TO ID A1J10.8
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 J1-34) TO W1 P1A-5F
FROM UD J1A-5F	TO ID A1J14.18
FROM ID 01A-5F FROM ID A1P14.18	TO ID P13-89 (S202-18)
FROM ID AIP14.10	10 1D P13-09 (3202-10)
FROM W1 P2-28 (UUT J1-28) TO W1 P1B-9A
FROM ID J1B-9A	TO ID A1J12.1
FROM ID A1P12.1	TO ID P12-48 (S201-15)
FROM W1 P2-67 (UUT J1-67) TO W1 P1A-6F
FROM ID J1A-6F	TO ID A1J14.20
FROM ID A1P14.20	TO ID P13-24 (S202-20)
EDOM W1 D2 20 /IIIIE T1 20	\
FROM W1 P2-29 (UUT J1-29 FROM ID J1A-1C	TO W1 P1A-1C TO ID A1J14.5
FROM ID 01A-1C FROM ID A1P14.5	TO ID P13-49 (S201-17)
FROM ID AIPI4.5	10 1D P13-49 (3201-17)
FROM W1 P2-22 (UUT J1-22	
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 ID P12-20 (S201-3)	TO ID A1P12.46
FROM ID F12-20 (3201-3) FROM ID A1J12.46	TO ID A1F12.40
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 I	D BUS 2
FROM W1 FROM ID FROM ID	P2-48 (UUT J1-48) J1B-12D A1P13.13	TO W	1 P1B-12D D A1J13.13 D P12-69 (S701-13)
FROM ID FROM ID FROM ID FROM ID	A1P10.3 P11-129 (S506-8) A1J9.30	TO II TO II TO II	D A1J10.3 D P11-194 (S506-1) D A1P9.30 D BUS 6
FROM ID	BUS 6 A1P8.48 P10-42 (S301-49) A1J7.24 A1P4.16 R109.2 A1J4.9	TO II	D R109.1 D A1P4.9
FROM ID FROM ID FROM ID	P12-76 (S701-1) A1J12.50 A1P10.3 P11-164 (S506-3) A1J9.23	TO II	D A1J10.3 D P11-194 (S506-1)
FROM ID FROM ID FROM ID		TO II	D A1J8.28 D P10-203 (S503-1)
FROM ID FROM ID FROM ID	P20-3 (DMM-LO) A1J15.50 A1P7.38 P10-229 (S301-24) A1J7.36	TO II	D A1J7.38 D P10-130 (S301-23)

STEP 572

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J1.22, J1.28, J1.27, J1.34, J1.38 AND J1.17. SHORT J1.39 TO GROUND. THE VOLTAGE MEASURED AT PIN J3.3 SHOULD BE LESS THAN 0.9VDC WITH RESPECT TO GROUND.

FROM	W1	P2-17 (UUT J1-17)	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 A1J1	12.44	ТО	ID	A1J10.4
FROM ID A1P1	10.4	TO	ID	P11-71 (S507-2)
FROM ID P11-	10.4 -72 (S507-4)	ТО	ID	A1P9.27
FROM ID A1J9	9.27	ТО	ID	BUS 2
FROM W1 P2-3	38 (UUT J1-38)	TO	W1	P1B-8B
FROM ID J1B-	-8B	ТО	ID	A1J12.5
FROM ID A1P1	12.5	ТО	ID	P12-17 (S201-23)
FROM W1 P2-2	27 (UUT J1-27)	TO	W1	P1B-14C
FROM ID J1B-	-14C	TO	ID	A1J13.5
FROM ID A1P1	13.5	TO	ID	P12-14 (S201-13)
FROM W1 P2-3	39 (UUT J1-39)	TO	W1	P1A-1E
FROM ID J1A-	-1E	TO	ID	A1J14.9
FROM ID A1P1	14.9	TO	ID	P13-17 (S201-26)
	-80 (S201-2)			
FROM ID A1J1				A1J10.8
FROM ID A1P1				P11-139 (S508-2)
	-205 (S508-10)	TO	ID	A1P9.2
FROM ID A1J9	9.2	TO	ID	BUS 8
	34 (UUT J1-34)			
FROM ID J1A-				A1J14.18
FROM ID A1P1	14.18	TO	ID	P13-89 (S202-18)
EDOM MI DO 1	00 / TTTTT T1 00\	TTO	Ta7 1	D1D 07
FROM WI P2-2 FROM ID J1B-	28 (UUT J1-28) -9A			
FROM ID 31B- FROM ID A1P1				P12-48 (S201-15)
FROM ID AIPI	12.1	10	ΙD	P12-40 (S201-15)
FROM W1 P2-2	22 (UUT J1-22)	ΤО	w1	P1A-1B
FROM ID J1A-				A1J14.3
FROM ID A1P1				P13-80 (S201-11)
111011 111 1	11.3	10		113 00 (8201 11)
FROM W1 P3-2	2 (UUT J3-2)	то	W1	P1A-2F
FROM ID J1A-				A1J14.12
FROM ID A1P1				P13-52 (S201-33)
				,
FROM ID P12-	-20 (S201-3)	TO	ID	A1P12.46
FROM ID A1J1	12.46	ТО	ID	A1J10.2
FROM ID A1P1	10.2	TO	ID	P11-39 (S507-1)
FROM ID P11-	-72 (S507-4)	ТО	ID	A1P9.27
FROM ID A1J9	9.27	TO	ID	BUS 2
	3 (UUT J3-3)			P1A-5B
FROM ID J1A-				A1J15.8
FROM ID A1P1	15.8	TO	ID	P13-42 (S701-23)
	/		_	-4-40 -0
	-76 (S701-1)			A1P12.50
FROM ID A1J1				A1J10.3
FROM ID A1P1				P11-194 (S506-1)
FROM ID P11-	-129 (S506-8)	ТО	ID	A1P9.30

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FROM ID	A1J9.30	TO	ID	BUS 6	
FROM ID FROM ID FROM ID FROM ID	BUS 6 A1P8.48 P10-42 (S301-49) A1J7.24 A1P4.16 R109.2 A1J4.9	TO TO TO	ID ID ID ID	A1P7.24 A1J4.16 R109.1 A1P4.9	(S301-50)
FROM ID FROM ID FROM ID	P12-76 (S701-1) A1J12.50 A1P10.3 P11-164 (S506-3) A1J9.23	TO TO TO	ID ID ID	A1J10.3 P11-194	
FROM ID FROM ID FROM ID	P20-2 (DMM-HI) A1J15.49 A1P8.28 P10-77 (S503-3) A1J6.13	TO TO	ID ID ID	A1J8.28 P10-203	(S503-1)
FROM ID FROM ID FROM ID	P20-3 (DMM-LO) A1J15.50 A1P7.38 P10-229 (S301-24) A1J7.36	TO TO	ID ID ID	A1J7.38 P10-130	

STEP 573

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J1.22, J1.28, J1.27, J1.34, J1.38 AND J1.17. SHORT J1.39 TO GROUND. THE VOLTAGE MEASURED AT PIN J1.48 SHOULD BE LESS THAN 0.9VDC WITH RESPECT TO GROUND.

FROM 3	ID	P2-17 (UUT J1-17) J1A-2B A1P14.4	ТО	ID	P1A-2B A1J14.4 P13-48 (S201-12)
FROM : FROM :	ID ID ID	P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27	TO TO TO	ID ID ID	A1P12.44 A1J10.4 P11-71 (S507-2) A1P9.27 BUS 2
FROM 3	ID	P2-38 (UUT J1-38) J1B-8B A1P12.5	ТО	ID	P1B-8B A1J12.5 P12-17 (S201-23)

FROM	W1	P2-27 (UUT J1-27)	ТО	W1	P1B-14C
		J1B-14C			A1J13.5
		A1P13.5			P12-14 (S201-13)
		1111 10 10			
FROM	พ1	P2-39 (UUT J1-39)	то	W 1	P1A-1E
		J1A-1E			A1J14.9
		A1P14.9			P13-17 (S201-26)
ricom	ΙD	AIF14.7	10	דד	113 17 (5201 20)
FPOM	TD	P12-80 (S201-2)	ТΟ	TD	A1P12.40
		A1J12.40			A1J10.8
		A1P10.8			P11-139 (S508-2)
		P11-205 (S508-10)			A1P9.2
		A1J9.2			BUS 8
FROM	ΙD	A109.2	10	ΙD	BUS 0
₽₽∩M	TAT 1	P2-34 (UUT J1-34)	ΤО	TAT 1	P1A-5F
		J1A-5F			A1J14.18
		A1P14.18			P13-89 (S202-18)
FROM	TD	A1P14.18	10	TD	P13-89 (S202-18)
	T.7 T	D2 20 /IIII T1 20\	ШΟ	T.T 1	D1D 03
		P2-28 (UUT J1-28)			P1B-9A
		J1B-9A			A1J12.1
FROM	TD	A1P12.1	TO	TD	P12-48 (S201-15)
		-0.00 (1.00)			_1_ 1_
		P2-22 (UUT J1-22)			P1A-1B
		J1A-1B			A1J14.3
FROM	ID	A1P14.3	ТО	ID	P13-80 (S201-11)
	_			_	
		P3-2 (UUT J3-2)			P1A-2F
		J1A-2F			A1J14.12
FROM	ID	A1P14.12	TO	ID	P13-52 (S201-33)
		P12-20 (S201-3)			A1P12.46
		A1J12.46			A1J10.2
		A1P10.2			P11-39 (S507-1)
		P11-72 (S507-4)			A1P9.27
FROM	ID	A1J9.27	TO	ID	BUS 2
FROM	W1	P2-48 (UUT J1-48)			P1B-12D
		J1B-12D			A1J13.13
FROM	ID	A1P13.13	TO	ID	P12-69 (S701-13)
		P12-76 (S701-1)			A1P12.50
FROM	ID	A1J12.50			A1J10.3
		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	ТО	ID	A1J4.16
FROM	ID	A1P4.16	TO	ID	R109.1
FROM	ID	R109.2	TO	ID	A1P4.9
FROM	ID	A1J4.9	TO	+28	BV

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FROM	ID	P12-76 (S701-1)	ТО	ID	A1P12.50
FROM	ID	A1J12.50	ТО	ID	A1J10.3
FROM	ID	A1P10.3	ТО	ID	P11-194 (S506-1)
FROM	ID	P11-164 (S506-3)	ТО	ID	A1P9.23
FROM	ID	A1J9.23	TO	ID	BUS 1
FROM	ID	P20-2 (DMM-HI)	TO	ID	A1P15.49
FROM	ID	A1J15.49	TO	ID	A1J8.28
FROM	ID	A1P8.28	TO	ID	P10-203 (S503-1)
FROM	ID	P10-77 (S503-3)	TO	ID	A1P6.13
FROM	ID	A1J6.13	TO	ID	BUS 1
FROM	ID	P20-3 (DMM-LO)	TO	ID	A1P15.50
FROM	ID	A1J15.50	TO	ID	A1J7.38
FROM	ID	A1P7.38	TO	ID	P10-130 (S301-23)
FROM	ID	P10-229 (S301-24)	TO	ID	A1P7.36
FROM	ID	A1J7.36	TO	GRO	DUND

STEP 574

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J1.22, J1.28, J1.27, J1.34, J1.38, J1.17 AND J1.47. SHORT J1.39 TO GROUND. THE VOLTAGE MEASURED AT PIN J3.3 SHOULD BE LESS THAN 0.9VDC WITH RESPECT TO GROUND.

FROM W1 P2-47 (UUT J1-47) FROM ID J1A-3F FROM ID A1P14.14	
FROM W1 P2-17 (UUT J1-17) FROM ID J1A-2B FROM ID A1P14.4	
FROM ID P12-52 (S201-4) FROM ID A1J12.44 FROM ID A1P10.4 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1J10.4 TO ID P11-71 (S507-2)
FROM ID A1P12.5	TO ID A1J12.5 TO ID P12-17 (S201-23)
FROM W1 P2-27 (UUT J1-27) FROM ID J1B-14C FROM ID A1P13.5	
FROM W1 P2-39 (UUT J1-39)	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	ТО	ID	A1J10.8
FROM ID	A1P10.8	то	ID	P11-139 (S508-2)
	P11-205 (S508-10)			A1P9.2
	A1J9.2			BUS 8
111011 12				
FROM W1	P2-34 (UUT J1-34)	ТО	W1	P1A-5F
FROM ID				A1J14.18
	A1P14.18			P13-89 (S202-18)
111011 12	1111 11.10	-0		113 05 (8202 10)
FROM W1	P2-28 (UUT J1-28)	ΤО	w1	P1B-9A
FROM ID				A1J12.1
	A1P12.1			P12-48 (S201-15)
TROM ID	1111 12.1	10	10	112 10 (5201 15)
FROM W1	P2-22 (UUT J1-22)	ТО	W1	P1A-1B
FROM ID				A1J14.3
	A1P14.3			P13-80 (S201-11)
TROM ID	1111 1 1 . 3	10	10	113 00 (8201 11)
FROM W1	P3-2 (UUT J3-2)	ТО	W1	P1A-2F
FROM ID				A1J14.12
	A1P14.12			P13-52 (S201-33)
111011 12	1111 11.12	-0		113 32 (8201 33)
FROM ID	P12-20 (S201-3)	ТО	ID	A1P12.46
	A1J12.46			A1J10.2
	A1P10.2			P11-39 (S507-1)
	P11-72 (S507-4)			
	A1J9.27			BUS 2
111011 12				200 2
FROM W1	P3-3 (UUT J3-3)	TO	W1	P1A-5B
FROM ID			ID	A1J15.8
	A1P15.8			P13-42 (S701-23)
				,
FROM ID	P12-76 (S701-1)	ТО	ID	A1P12.50
FROM ID	A1J12.50	TO	ID	A1J10.3
	A1P10.3			P11-194 (S506-1)
FROM ID	P11-129 (S506-8)	TO	ID	A1P9.30
	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	ТО	ID	A1J4.16
	A1P4.16			R109.1
FROM ID				A1P4.9
FROM ID			+28	
	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			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 575

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J1.22, J1.28, J1.27, J1.34, J1.38, J1.17 AND J1.47. SHORT J1.39 TO GROUND. THE VOLTAGE MEASURED AT PIN J1.48 SHOULD BE LESS THAN 0.9VDC WITH RESPECT TO GROUND.

CONNECTION PATH IS AS FOLLOWS:

FROM W1 P2-47 (UUT J1-47) TO W1 P1A-3F

SEE "UUT POWER"

	12 17 (001 01 17)	IO WI	IIA JI
FROM ID	J1A-3F	TO ID	A1J14.14
FROM ID	J1A-3F A1P14.14	TO ID	P13-18 (S201-35)
FROM W1	P2-17 (UUT J1-17)	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)		A1P9.27
	A1J9.27	TO TD	BUS 2
111011 12	11107.11	10 12	202 2
FROM W1	P2-38 (UUT J1-38)	TO W1	P1B-8B
FROM ID	J1B-8B	TO ID	A1J12.5
FROM ID	A1P12.5	TO ID	P12-17 (S201-23)
			,
FROM W1	P2-27 (UUT J1-27)	TO W1	P1B-14C
FROM ID	J1B-14C	TO ID	A1J13.5
	A1P13.5	TO ID	P12-14 (S201-13)
FROM W1	P2-39 (UUT J1-39)	TO W1	P1A-1E
FROM ID	J1A-1E	TO ID	A1J14.9
FROM ID	A1P14.9	TO ID	P13-17 (S201-26)
			,
FROM ID	P12-80 (S201-2)	TO ID	A1P12.40
	A1J12.40		A1J10.8
FROM ID	A1P10.8		P11-139 (S508-2)
			=== === (2000 =)

FROM ID P11-205 (S50 FROM ID A1J9.2			A1P9.2 BUS 8
FROM W1 P2-34 (UUT CFROM ID J1A-5FFROM ID A1P14.18	TO) ID	P1A-5F A1J14.18 P13-89 (S202-18)
FROM W1 P2-28 (UUT of FROM ID J1B-9A FROM ID A1P12.1	TO) ID	P1B-9A A1J12.1 P12-48 (S201-15)
FROM W1 P2-22 (UUT of FROM ID J1A-1B FROM ID A1P14.3	TO) ID	P1A-1B A1J14.3 P13-80 (S201-11)
FROM W1 P3-2 (UUT J3 FROM ID J1A-2F FROM ID A1P14.12	TO) ID	P1A-2F A1J14.12 P13-52 (S201-33)
FROM ID P12-20 (S20) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S50) FROM ID A1J9.27	T(T(7-4) T(D ID ID ID	A1J10.2 P11-39 (S507-1)
FROM W1 P2-48 (UUT CFROM ID J1B-12DFROM ID A1P13.13	TO) ID	P1B-12D A1J13.13 P12-69 (S701-13)
FROM ID P12-76 (S703) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-129 (S50) FROM ID A1J9.30	T(T()6-8) T(D ID ID ID	A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.30 BUS 6
FROM ID BUS 6 FROM ID A1P8.48 FROM ID P10-42 (S301) FROM ID A1J7.24 FROM ID A1P4.16 FROM ID R109.2 FROM ID A1J4.9	TC 1-49) TC TC TC	D ID ID ID ID	A1J8.48 P10-171 (S301-50) A1P7.24 A1J4.16 R109.1 A1P4.9
FROM ID P12-76 (S703) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S50) FROM ID A1J9.23	1-1) TO	D ID ID ID ID ID	A1P12.50 A1J10.3 P11-194 (S506-1) A1P9.23 BUS 1
FROM ID P20-2 (DMM-FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503) FROM ID A1J6.13	T(T(3-3) T(D ID ID ID	A1P15.49 A1J8.28 P10-203 (S503-1) A1P6.13 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 576

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.2, J1.22, J1.28, J1.27, J1.34, J1.38, J1.17 AND J1.47. SHORT J1.39 TO GROUND. THE VOLTAGE MEASURED AT PIN J3.1 SHOULD BE GREATER THAN 27.2VDC WITH RESPECT TO GROUND.

FROM W1 P2-47 (UUT J1-47) FROM ID J1A-3F FROM ID A1P14.14	TO W1 P1A-3F TO ID A1J14.14 TO ID P13-18 (S201-35)
FROM W1 P2-17 (UUT J1-17)	
FROM ID P12-52 (S201-4) FROM ID A1J12.44 FROM ID A1P10.4 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1P12.44 TO ID A1J10.4 TO ID P11-71 (S507-2) TO ID A1P9.27 TO ID BUS 2
FROM W1 P2-38 (UUT J1-38) FROM ID J1B-8B FROM ID A1P12.5	TO W1 P1B-8B TO ID A1J12.5 TO ID P12-17 (S201-23)
FROM W1 P2-27 (UUT J1-27) FROM ID J1B-14C FROM ID A1P13.5	TO W1 P1B-14C TO ID A1J13.5 TO ID P12-14 (S201-13)
FROM W1 P2-39 (UUT J1-39) FROM ID J1A-1E FROM ID A1P14.9	TO W1 P1A-1E TO ID A1J14.9 TO ID P13-17 (S201-26)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1J10.8 TO ID P11-139 (S508-2)
FROM W1 P2-34 (UUT J1-34) FROM ID J1A-5F FROM ID A1P14.18	

FROM W1 P2-28 (UUT J1-28)	TO W1 P1B-9A
FROM W1 P2-28 (UUT J1-28) FROM ID J1B-9A FROM ID A1P12.1	TO ID AlJ12.1 TO ID P12-48 (S201-15)
FROM W1 P2-22 (UUT J1-22)	
FROM ID J1A-1B	TO ID A1J14.3
FROM ID J1A-1B FROM ID A1P14.3	TO ID P13-80 (S201-11)
FROM W1 P3-2 (UUT J3-2)	
FROM ID J1A-2F	TO ID A1J14.12
FROM ID A1P14.12	TO ID P13-52 (S201-33)
FROM ID P12-20 (S201-3)	
FROM ID A1J12.46	TO ID A1J10.2
FROM ID A1P10.2 FROM ID P11-72 (S507-4)	TO ID P11-39 (S507-1)
FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID AIP9.27 TO ID BUS 2
FROM ID A109.27	10 10 805 2
FROM W1 P3-1 (UUT J3-1)	
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)	
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

Date: 04 March 2016

STEP 577

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J3.6 AND J1.67 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.28, J1.27, J1.34, J1.38, J1.17 AND J1.47. SHORT J1.39 TO GROUND. THE VOLTAGE MEASURED AT PIN J3.3 SHOULD BE LESS THAN 0.9VDC WITH RESPECT TO GROUND.

EDOM ID	P2-67 (UUT J1-67) J1A-6F A1P14.20	TO ID	P1A-6F A1J14.20 P13-24 (S202-20)
FROM ID	P2-47 (UUT J1-47) J1A-3F A1P14.14	TO ID	P1A-3F A1J14.14 P13-18 (S201-35)
FROM ID	P2-17 (UUT J1-17) J1A-2B A1P14.4	TO ID	P1A-2B AlJ14.4 P13-48 (S201-12)
FROM ID FROM ID FROM ID	P12-52 (S201-4) A1J12.44 A1P10.4 P11-72 (S507-4) A1J9.27	TO ID TO ID TO ID	A1J10.4
FROM ID	P2-38 (UUT J1-38) J1B-8B A1P12.5	TO ID	P1B-8B A1J12.5 P12-17 (S201-23)
FROM ID	P2-27 (UUT J1-27) J1B-14C A1P13.5	TO ID	P1B-14C A1J13.5 P12-14 (S201-13)
FROM ID	P2-39 (UUT J1-39) J1A-1E A1P14.9	TO ID	P1A-1E A1J14.9 P13-17 (S201-26)
FROM ID FROM ID FROM ID	P12-80 (S201-2) A1J12.40 A1P10.8 P11-205 (S508-10) A1J9.2	TO ID TO ID TO ID	A1P12.40 A1J10.8 P11-139 (S508-2) A1P9.2 BUS 8
	P2-34 (UUT J1-34) J1A-5F A1P14.18	TO ID	P1A-5F A1J14.18 P13-89 (S202-18)
FROM W1	P2-28 (UUT J1-28)	TO W1	P1B-9A

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FROM ID	J1B-9A	ТО	ID	A1J12.1
FROM ID	A1P12.1	TO	ID	P12-48 (S201-15)
FROM ID	P12-20 (S201-3)	TO	ID	A1P12.46
FROM ID	A1J12.46	TO	ID	A1J10.2
	A1P10.2			P11-39 (S507-1)
	P11-72 (S507-4)			
FROM ID	A1J9.27	TO	ID	BUS 2
	P3-3 (UUT J3-3)			
FROM ID				A1J15.8
FROM ID	A1P15.8	ТО	ID	P13-42 (S701-23)
TDOM ID	P12-76 (S701-1)	ΤО	TD	71D12 50
	A1J12.50			A1J10.3
	A1P10.3			P11-194 (S506-1)
	P11-129 (S506-8)			
	A1J9.30			BUS 6
TROM ID	A109.30	10	ΙD	D0D 0
FROM ID	BUS 6	ТО	ID	A1J8.48
FROM ID	A1P8.48	TO	ID	P10-171 (S301-50)
FROM ID	P10-42 (S301-49)	TO	ID	A1P7.24
	A1J7.24			A1J4.16
FROM ID	A1P4.16	TO	ID	R109.1
FROM ID	R109.2	TO	ID	A1P4.9
FROM ID	A1J4.9	TO	+28	BA
	P12-76 (S701-1)			
	A1J12.50			A1J10.3
	A1P10.3			P11-194 (S506-1)
	P11-164 (S506-3)			A1P9.23
FROM ID	A1J9.23	ТО	ID	BUS 1
FPOM ID	P20-2 (DMM-HI)	ΤО	TD	A1P15.49
FROM ID	Δ1.T15 49			A1J8.28
FROM ID	A1J15.49 A1P8.28			P10-203 (S503-1)
	P10-77 (S503-3)			A1P6.13
	A1J6.13			BUS 1
PROM ID	11100.13	10	עב	D00 1
FROM ID	P20-3 (DMM-LO)	ТО	ID	A1P15.50
	A1J15.50	ТО	ID	A1J7.38
FROM ID	A1P7.38	TO	ID	P10-130 (S301-23)
	P10-229 (S301-24)	TO	ID	A1P7.36
FROM ID	A1J7.36	TO	GRO	DUND

STEP 578

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.28, J1.27, J1.34, J1.38, J1.17 AND J1.47. SHORT J1.39 AND J1.15 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 J1-34) TO W1 P1A-5F
FROM ID J1A-5F TO ID A1J14.18
FROM ID A1P14.18 TO ID P13-89 (S202-18)
                                                          TO W1 P1B-14A
 FROM W1 P2-5 (UUT J1-5)
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 P2-40 (UUT J1-40) TO W1 P1A-1F FROM ID J1A-1F TO ID A1J14.11
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 J1-15) 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 (
                                                            TO ID P13-42 (S701-23)
FROM ID P12-76 (S701-1) TO ID A1P12.50
FROM ID A1J12.50 TO ID A1J10.3
FROM ID A1P10.3 TO ID P11-194 (S506-1)
FROM ID P11-129 (S506-8) TO ID A1P9.30
FROM ID A1J9.30 TO ID BUS 6
FROM ID BUS 6 TO ID AlJ8.48
FROM ID AlP8.48 TO ID P10-171 (S301-50)
FROM ID P10-42 (S301-49) TO ID AlP7.24
FROM ID AlJ7.24 TO ID AlJ4.16
FROM ID AlP4.16 TO ID R109.1
FROM ID R109.2 TO ID AlP4.9
FROM ID AlJ4.9
FROM ID R109.2
FROM ID A1J4.9
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 P11-164 (S506-3) TO ID A1P9.23
```

Date: 04 March 2016

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

STEP 579

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.28, J1.27, J1.34, J1.38, J1.17 AND J1.47. SHORT J1.39 AND J1.15 TO GROUND. THE FREQUENCY AT PIN J1.52 SHOULD BE BETWEEN .5 AND 13 HZ.

FROM W1	P2-34 (UUT J1-34)	TO	W1	P1A-5F
FROM ID	J1A-5F	TO	ID	A1J14.18
FROM ID	A1P14.18	ТО	ID	P13-89 (S202-18)
	- (/	_		P1B-14A
FROM ID	J1B-14A	TO	ID	A1J13.1
FROM ID	A1P13.1	ТО	ID	P12-79 (S201-5)
FROM ID	P12-20 (S201-3)	то	ID	A1P12.46
FROM ID	A1J12.46	TO	ID	A1J10.2
-	A1P10.2			P11-39 (S507-1)
FROM ID	P11-72 (S507-4)	TO	ID	A1P9.27
FROM ID	A1J9.27	ТО	ID	BUS 2
FROM W1	P2-40 (UUT J1-40)	то	W1	P1A-1F
FROM ID	J1A-1F	TO	ID	A1J14.11
FROM ID	A1P14.11	ТО	ID	P13-51 (S201-28)
	P12-80 (S201-2)	то	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)	\Box	TD	7100 2
	PII-203 (8300-I0)	IO	TD	AIP9.Z
FROM ID				BUS 8
		ТО	ID	BUS 8
	A1J9.2 P2-15 (UUT J1-15)	TO TO	ID W1	BUS 8

Date: 04 March 2016

FROM W1 P2-52 (UUT J1-52) FROM ID J1A-5A FROM ID A1P15.7	TO W1 P1A-5A TO ID A1J15.7 TO ID P13-7 (S701-17)
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-129 (S506-8) FROM ID A1J9.30	TO ID A1J10.3 TO ID P11-194 (S506-1)
FROM ID BUS 6 FROM ID A1P8.48 FROM ID P10-42 (S301-49) FROM ID A1J7.24 FROM ID A1P4.16 FROM ID R109.2 FROM ID A1J4.9	TO ID A1J8.48 TO ID P10-171 (S301-50) TO ID A1P7.24 TO ID A1J4.16 TO ID R109.1 TO ID A1P4.9 TO +28V
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3 FROM ID P11-164 (S506-3) FROM ID A1J9.23	TO ID A1J10.3 TO ID P11-194 (S506-1)
FROM ID P20-2 (DMM-HI) FROM ID A1J15.49 FROM ID A1P8.28 FROM ID P10-77 (S503-3) FROM ID A1J6.13	TO ID A1J8.28 TO ID P10-203 (S503-1)
FROM ID P20-3 (DMM-LO) FROM ID A1J15.50 FROM ID A1P7.38 FROM ID P10-229 (S301-24) FROM ID A1J7.36	TO ID A1J7.38 TO ID P10-130 (S301-23)

STEP 580

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.28, J1.27, J1.34, J1.38, J1.17, J1.47 AND J1.19. SHORT J1.15, J1.40 AND J3.22 TO GROUND. THE FREQUENCY AT PIN J3.3 SHOULD BE BETWEEN .5 AND 13 HZ.

FROM W1 P2-19 (UUT J1-19)	TO W1 P1B-13C
FROM ID J1B-13C	TO ID A1J13.6
FROM ID A1P13.6	TO ID P12-78 (S201-14)
FROM ID P12-20 (S201-3) FROM ID A1J12.46	TO ID A1P12.46 TO ID A1J10.2

Date: 04 March 2016

FROM	TD	A1P10.2 P11-72 (S507-4)	ΤО	TD	P11-39 (S507-1)
FROM	TD	P11-72 (S507-4)	ΤO	TD	A1P9 27
FROM	TD	A1J9.27	TΩ	TD	BUS 2
PROM	ΙD	A10 7 . 2 /	10	דב	B05 Z
FPOM :	TAT 1	P2-34 (UUT J1-34)	ТΟ	TAT 1	D17-5F
		J1A-5F			A1J14.18
		A1P14.18			P13-89 (S202-18)
FROM	Tυ	AIPI4.10	10	ΙD	P13-09 (3202-10)
ED OM	Ta7 1	P2-15 (UUT J1-15)	ΤО	TAT 1	D1D 0C
		J1B-8C			A1J12.6
FROM	Tυ	A1P12.6	10	TD	P12-81 (S201-24)
ED OM	TD	D12 00 (G201 2)	ШΟ	TD	71710 40
					A1P12.40
		A1J12.40			A1J10.8
		A1P10.8			P11-139 (S508-2)
					A1P9.2
FROM	ID	A1J9.2	ТО	ID	BUS 8
		-2 2 (-1
		P3-3 (UUT J3-3)	-		P1A-5B
		J1A-5B			A1J15.8
FROM	ID	A1P15.8	TO	ID	P13-42 (S701-23)
					-4-40 -0
		P12-76 (S701-1)			A1P12.50
		A1J12.50			A1J10.3
		A1P10.3			P11-194 (S506-1)
		P11-129 (S506-8)			A1P9.30
FROM	ID	A1J9.30	TO	ID	BUS 6
		BUS 6			A1J8.48
		A1P8.48			P10-171 (S301-50)
FROM	ID	P10-42 (S301-49)	TO	ID	A1P7.24
FROM	ID	A1J7.24			A1J4.16
FROM	ID	A1P4.16	TO	ID	R109.1
FROM	ID	R109.2	TO	ID	A1P4.9
FROM	ID	A1J4.9	TO	+28	3V
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	ТО	ID	BUS 1
FROM	ID	P19-18 (CT-IN1)	ТО	ID	A1P21.1
		A1J21.1	ТО	ID	A1J6.8
		A1P6.8			P10-162 (S501-2)
		P10-164 (S501-3)			A1P7.29
		A1J7.29			BUS 1
	-	-	-	_	•

STEP 581

DESCRIPTION:

Date: 04 March 2016

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.28, J1.27, J1.34, J1.38, J1.17, J1.47 AND J1.19. SHORT J1.15, J1.40, AND J3.22 TO GROUND. THE FREQUENCY AT PIN J1.52 SHOULD BE BETWEEN .5 AND 13 HZ.

FPOM	TAT 1	P2-19 (UUT J1-19)	т∩	TAT 1	D1R-13C
		J1B-13C			A1J13.6
		A1P13.6			P12-78 (S201-14)
I KOM	דט	AIF13.0	10	עב	P12-70 (5201-14)
FROM	TD	P12-20 (S201-3)	ΤО	TD	A1P12.46
		A1J12.46			A1J10.2
		A1P10.2			P11-39 (S507-1)
		P11-72 (S507-4)			A1P9.27
		A1J9.27			BUS 2
I KOM	דט	A109.27	10	עב	B03 Z
FROM	w1	P2-34 (UUT J1-34)	то	W 1	P1A-5F
		J1A-5F			A1J14.18
		A1P14.18			P13-89 (S202-18)
ricon	דב	AII I I · I · I	10	דע	115 05 (5202 10)
FROM	W1	P2-15 (UUT J1-15)	ТО	W1	P1B-8C
		J1B-8C	ТО	ID	A1J12.6
FROM	ID	A1P12.6	ТО	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	ТО	ID	P11-139 (S508-2)
FROM	ID	P11-205 (S508-10)	ТО	ID	A1P9.2
FROM	ID	A1J9.2	ТО	ID	BUS 8
		P2-52 (UUT J1-52)			P1A-5A
		J1A-5A			A1J15.7
FROM	ID	A1P15.7	ТО	ID	P13-7 (S701-17)
FROM	TD	P12-76 (S701-1)	ТΟ	TD	A1P12.50
		A1J12.50			A1J10.3
		A1P10.3			P11-194 (S506-1)
		P11-129 (S506-8)			A1P9.30
		A1J9.30			BUS 6
FROM	TD	A109.30	10	ΤD	BUS 0
FROM	ID	BUS 6	ТО	ID	A1J8.48
		A1P8.48			P10-171 (S301-50)
		P10-42 (S301-49)			A1P7.24
		A1J7.24			A1J4.16
		A1P4.16			R109.1
		R109.2			A1P4.9
		A1J4.9		+28	
11011	±1/	1110 1.7	10	. 2	· •
FROM	ID	P12-76 (S701-1)	то	ID	A1P12.50
		A1J12.50			A1J10.3
_ 1.011	-1		-0		

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FROM ID A1P10.3
FROM ID P11-164 (S506-3)
FROM ID P11-164 (S506-3)
FROM ID A1J9.23
TO ID A1P9.23
TO ID BUS 1

FROM ID P19-18 (CT-IN1)
FROM ID A1J21.1
FROM ID A1P6.8
FROM ID A1P6.8
FROM ID P10-164 (S501-3)
FROM ID A1J7.29
TO ID BUS 1

STEP 582

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.28, J1.27, J1.34, J1.38, J1.17, J1.47 AND J1.19. SHORT J1.15, J1.40 AND J3.22 TO GROUND. THE FREQUENCY AT PIN J1.53 SHOULD BE BETWEEN .5 AND 13 HZ.

FROM W1 P2-19 (UUT J1-19) FROM ID J1B-13C FROM ID A1P13.6	
FROM ID P12-20 (S201-3) FROM ID A1J12.46 FROM ID A1P10.2 FROM ID P11-72 (S507-4) FROM ID A1J9.27	TO ID A1J10.2
FROM W1 P2-34 (UUT J1-34) FROM ID J1A-5F FROM ID A1P14.18	
FROM W1 P2-15 (UUT J1-15) FROM ID J1B-8C FROM ID A1P12.6	TO ID A1J12.6 TO ID P12-81 (S201-24)
FROM ID P12-80 (S201-2) FROM ID A1J12.40 FROM ID A1P10.8 FROM ID P11-205 (S508-10) FROM ID A1J9.2	TO ID A1P9.2
FROM W1 P2-53 (UUT J1-53) FROM ID J1B-12F FROM ID A1P13.15	
FROM ID P12-76 (S701-1) FROM ID A1J12.50 FROM ID A1P10.3	TO ID A1P12.50 TO ID A1J10.3 TO ID P11-194 (S506-1)

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FROM ID P11-129 (S506-8)	
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)	
FROM ID A1J12.50	
	TO ID P11-194 (S506-1)
FROM ID P11-164 (S506-3)	TO ID A1P9.23
FROM ID A1J9.23	TO ID BUS 1
FROM ID P19-18 (CT-IN1)	
FROM ID A1J21.1	
FROM ID A1P6.8	TO ID P10-162 (S501-2)
FROM ID P10-164 (S501-3)	
FROM ID A1J7.29	TO ID BUS 1

STEP 583

DESCRIPTION:

THIS STEP APPLIES 15.0VDC TO PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34 AND J1.19. SHORT J1.15 TO GROUND. THE VOLTAGE MEASURED AT PIN J1.18 SHOULD BE GREATER THAN 27.0VDC WITH RESPECT TO GROUND.

FROM ID	P2-19 (UUT J1-19) J1B-13C A1P13.6	TO ID	P1B-13C A1J13.6 P12-78 (S201-14)
FROM ID FROM ID FROM ID	P12-20 (S201-3) A1J12.46 A1P10.2 P11-72 (S507-4) A1J9.27	TO ID TO ID TO ID	A1P12.46 A1J10.2 P11-39 (S507-1) A1P9.27 BUS 2
FROM ID	P2-34 (UUT J1-34) J1A-5F A1P14.18	TO ID	P1A-5F A1J14.18 P13-89 (S202-18)
FROM ID	P2-15 (UUT J1-15) J1B-8C A1P12.6	TO ID	P1B-8C A1J12.6 P12-81 (S201-24)
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 P2-18 (UUT J1-18) 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
FROM ID A1P8.48
                                                                      TO ID A1J8.48
FROM ID A198.48

FROM ID P10-42 (S301-49)

FROM ID A1J7.24

FROM ID A1P4.16

FROM ID R109.2

FROM ID A1J4.9

FROM ID A1J4.9
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 P11-164 (S506-3) TO ID A1P9.23
FROM ID A1J9.23 TO ID BUS 1
FROM ID P20-2 (DMM-HI) TO ID A1P15.49
FROM ID A1J15.49 TO ID A1J8.28
FROM ID A1P8.28 TO ID P10-203 (S503-1)
FROM ID P10-77 (S503-3) TO ID A1P6.13
FROM ID A1J6.13 TO ID BUS 1
FROM ID P20-3 (DMM-LO) TO ID A1P15.50
FROM ID A1J15.50 TO ID A1J7.38
FROM ID A1P7.38 TO ID P10-130 (S301-23)
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 PINS J3.30 AND J1.10 AND -15.0VDC TO PIN J3.29 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PIN J3.6 WITH RESPECT TO J1.11. 28.0VDC IS APPLIED TO PINS J1.34 AND J1.19. SHORT J1.15 TO GROUND.

- 28.0VDC IS APPLIED TO PIN J1.34.
- 26.0VDC IS APPLIED TO PIN J1.34.
- 24.0VDC IS APPLIED TO PIN J1.34.
- 22.0VDC IS APPLIED TO PIN J1.34.
- 20.0VDC IS APPLIED TO PIN J1.34.
- 19.0VDC IS APPLIED TO PIN J1.34.

THE FREQUENCY AT PIN J1.18 SHOULD BE BETWEEN 0.5 AND 4.5 HZ.

CONNECTION PATH IS AS FOLLOWS:

SEE "UUT POWER"

FROM W1 P2-19 (UUT J1-19) TO W1 P1B-13C FROM ID J1B-13C TO ID A1J13.6 FROM ID A1P13.6 TO ID P12-78 (S201-14)

FROM ID P12-20 (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 J1-34) TO W1 P1A-5F FROM ID J1A-5F TO ID A1J14.18 FROM ID A1P14.18 TO ID P13-89 (S202-18)

FROM W1 P2-15 (UUT J1-15) 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 P2-18 (UUT J1-18) 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 A1T0.30 TO ID PHIS.6

TO ID BUS 6 FROM ID A1J9.30

FROM ID BUS 6
FROM ID A1P8.48
FROM ID A1P8.48
TO ID P10-171 (S301-50)
FROM ID P10-42 (S301-49)
FROM ID A1J7.24
FROM ID A1P4.16
FROM ID A1P4.16
FROM ID R109.2
FROM ID A1J4.9
TO ID A1P4.9
FROM ID A1J4.9

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 P11-164 (S506-3) TO ID A1P9.23
FROM ID A1J9.23 TO ID BUS 1

FROM ID P19-18 (CT-IN1) TO ID A1P21.1

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```
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
```

3.0 Functional Flow Chart (FFC)



