COSEL

ABNORMAL TEST RESULT

OF MODEL PDA600F

1.Did Cheese Cloth or Paper Glow?

    No.

2.Did Ground Fuse Open?

    No.

3.Dielectric breakdown?

    No.

4.Other Results?

    See the following pages .
     (FMEA   : 2/42 ～ 41/42)
     (Abnormal Test Result: 42/42 ～ 42/42)

There was no emission of flame, molten metal, ignition of cheesecloth, dielectric

breakdown, opening of the ground fuse, other indication of a shock or fire hazard.

CO$EL

F M E A

Component	Mode	Comment	Output Voltage (V)
C101	Open	Normal operation.	AVR1:*
	Short	F101 opened, No hazard.	AVR1:0
C102	Open	Normal operation.	AVR1:*
	Short	F101 opened, No hazard.	AVR1:0
C108	Open	Normal operation.	AVR1:*
	Short	F101 opened, No hazard.	AVR1:0
C109	Open	See page 42.	
	Short	F101 opened, No hazard.	AVR1:0
C110	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C111	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C112	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C113	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C114	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C115	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C116	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C117	Open	Normal operation.	AVR1:*
	Short	See page 42.	

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Component	Mode	Comment	Output Voltage (V)
C118	Open	Normal operation.	AVR1:*
	Short	See page 42.	
C119	Open	Normal operation.	AVR1:*
	Short	See page 42.	
C123	Open	F101 opened, No hazard.	AVR1:0
	Short	F101 opened, No hazard.	AVR1:0
C124	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C125	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C126	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C127	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C128	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C140	Open	F101 opened, No hazard.	AVR1:0
	Short	F101 opened, No hazard.	AVR1:0
C201	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C204	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C206	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0

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F M E A

Component	Mode	Comment	Output Voltage (V)
C207	Open	Normal operation.	AVR1:*
	Short	See page 42.	
C208	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C209	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C210	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C212	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C301	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:*
C302	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:*
C303	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C304	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C305	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C306	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C309	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0

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Component	Mode	Comment	Output Voltage (V)
C311	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C312	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C314	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C315	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C316	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C317	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C318	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C319	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C320	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C321	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0
C323	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C324	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	No Hazard.	AVR1:0

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Component	Mode	Comment	Output Voltage (V)
C325	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Normal operation.	AVR1:*
C328	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C329	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C330	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0
C331	Open	F101 opened, No hazard.	AVR1:0
	Short	F101 opened, No hazard.	AVR1:0
C332	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C333	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C334	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C335	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C350	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C351	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C401	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
C402	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C404	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C405	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C406	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C407	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C409	Open	No Hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
C410	Open	No Hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
C411	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C412	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C413	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C414	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C415	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

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For Reference

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Component	Mode	Comment	Output Voltage (V)
C416	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C501	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C502	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C503 (Only -15,-5)	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C504 (Only -15,-5)	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C505	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C506	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C507	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C508	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C509 (Except:-5)	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C510 (Except:-5)	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C511	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0

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Component		Mode	Comment	Output Voltage (V)
C512		Open	Normal operation.	AVR1:*
		Short	No Hazard.	AVR1:0
C513		Open	Normal operation.	AVR1:*
		Short	No Hazard.	AVR1:0
C514		Open	Normal operation.	AVR1:*
		Short	No Hazard.	AVR1:0
C515		Open	Normal operation.	AVR1:*
		Short	Normal operation.	AVR1:*
C516		Open	Normal operation.	AVR1:*
		Short	Normal operation.	AVR1:*
C517		Open	Normal operation.	AVR1:*
		Short	Normal operation.	AVR1:*
C518		Open	Normal operation.	AVR1:*
		Short	Normal operation.	AVR1:*
C519	(Except:-36,-48)	Open	Normal operation.	AVR1:*
		Short	Normal operation.	AVR1:*
C520	(Except:-36,-48)	Open	Normal operation.	AVR1:*
		Short	Normal operation.	AVR1:*
C522		Open	Normal operation.	AVR1:*
		Short	Normal operation.	AVR1:*
C523		Open	Normal operation.	AVR1:*
		Short	Normal operation.	AVR1:*
C542		Open	Normal operation.	AVR1:*
		Short	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
C601	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C603	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C605	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C606	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C609	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C610	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C614	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C615	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C616	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C617	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C618	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C619	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
C620	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C622	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C630	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C631	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C632	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C633	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C634	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C640	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C701	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C702	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C703	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C704	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0

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Component	Mode	Comment	Output Voltage (V)
C707	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C708	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C709	Open	Normal operation.	AVR1:*
	Short	See page 42.	
C711	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C712	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C713	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C714	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C715	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C716	Open	Normal operation.	AVR1:*
	Short	See page 42.	
D101	Open	F101 opened,No hazard.	AVR1:0
	Short	F101 opened,No hazard.	AVR1:0
D102	Open	F101 opened,No hazard.	AVR1:0
	Short	F101 opened,No hazard.	AVR1:0
D103	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
D104	Open	Normal operation.	AVR1:*
	Short	F101 opened, No hazard.	AVR1:0
D105	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D106	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D107	Open	F101 opened, No hazard.	AVR1:0
	Short	F101 opened, No hazard.	AVR1:0
D202	Open	Normal operation.	AVR1:*
	Short	F101 opened, No hazard.	AVR1:0
D301	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D303	Open	Normal operation.	AVR1:*
	Short	F101 opened, No hazard.	AVR1:0
D304	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D306	Open	Normal operation.	AVR1:*
	Short	F101 opened, No hazard.	AVR1:0
D307	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D308	Open	No Hazard.	AVR1:0
	Short	Output voltage decreased. No hazard.	AVR1:decreased
D309	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

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F M E A

Component	Mode	Comment	Output Voltage (V)
D310	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
D401	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D402	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
D403	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D404	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0
D601	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0
D602	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D603	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
D607	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Output voltage decreased. No hazard.	AVR1:decreased
D608	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Output voltage decreased. No hazard.	AVR1:decreased
D609	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
D610	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
D616	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D701	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
D702	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
D703	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D704	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D705	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D706	Open		No Hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
D711	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
FAN701	Open	1	Normal operation.	AVR1:*
		2	No Hazard.	AVR1:0
		3	Normal operation.	AVR1:*
		4	No Hazard.	AVR1:0
	Short	1-2	Normal operation.	AVR1:*
		2-3	Normal operation.	AVR1:*
		3-4	Normal operation.	AVR1:*
IC201	Open	1	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
IC201	Open	2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
		7	No Hazard.	AVR1:0
		8	No Hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:0
		2-3	No Hazard.	AVR1:0
		3-4	No Hazard.	AVR1:0
		5-6	No Hazard.	AVR1:0
		6-7	No Hazard.	AVR1:0
		7-8	F101 opened, No hazard.	AVR1:0
IC301	Open	1	No Hazard.	AVR1:0
		2	Normal operation.	AVR1:*
		3	Normal operation.	AVR1:*
		4	No Hazard.	AVR1:0
		5	Normal operation.	AVR1:*
		6	Normal operation.	AVR1:*
		7	Normal operation.	AVR1:*
		8	No Hazard.	AVR1:0
		9	No Hazard.	AVR1:0
		10	No Hazard.	AVR1:0
		11	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
IC301	Open	12	No Hazard.	AVR1:0
		13	No Hazard.	AVR1:0
		14	No Hazard.	AVR1:0
		15	Normal operation.	AVR1:*
		16	Normal operation.	AVR1:*
		17	Normal operation.	AVR1:*
		18	Normal operation.	AVR1:*
		19	No Hazard.	AVR1:0
		20	Normal operation.	AVR1:*
	Short	1-2	No Hazard.	AVR1:0
		2-3	No Hazard.	AVR1:0
		3-4	Normal operation.	AVR1:*
		4-5	Normal operation.	AVR1:*
		5-6	No Hazard.	AVR1:0
		6-7	Normal operation.	AVR1:*
		7-8	Normal operation.	AVR1:*
		8-9	No Hazard.	AVR1:0
		9-10	No Hazard.	AVR1:0
		11-12	No Hazard.	AVR1:0
		12-13	Normal operation.	AVR1:*
		13-14	No Hazard.	AVR1:0
		14-15	Normal operation.	AVR1:*
		15-16	Normal operation.	AVR1:*
		16-17	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
IC301	Short	17-18	No Hazard.	AVR1:0
		18-19	No Hazard.	AVR1:0
		19-20	No Hazard.	AVR1:0
IC302	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	Normal operation.	AVR1:*
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:0
		2-3	Normal operation.	AVR1:*
		4-5	No Hazard.	AVR1:0
IC303	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	No Hazard.	AVR1:0
		4	Normal operation.	AVR1:*
		5	No Hazard.	AVR1:0
	Short	1-2	Normal operation.	AVR1:*
		2-3	Normal operation.	AVR1:*
		4-5	No Hazard.	AVR1:0
IC401	Open	1	Normal operation.	AVR1:*
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		5	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
IC401	Open	6	Normal operation.	AVR1:*
		7	Normal operation.	AVR1:*
		8	Normal operation.	AVR1:*
		9	Normal operation.	AVR1:*
		10	Normal operation.	AVR1:*
		11	No Hazard.	AVR1:0
		12	No Hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:0
		2-3	No Hazard.	AVR1:0
		3-4	No Hazard.	AVR1:0
		4-5	See page 42.	
		5-6	Normal operation.	AVR1:*
		7-8	Normal operation.	AVR1:*
		8-9	Normal operation.	AVR1:*
		9-10	Normal operation.	AVR1:*
		10-11	See page 42.	
		11-12	Normal operation.	AVR1:*
IC501	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	Normal operation.	AVR1:*
		4	Normal operation.	AVR1:*
		5	Normal operation.	AVR1:*
	Short	1-2	Normal operation.	AVR1:*
		2-3	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
IC501	Short	4-5	Normal operation.	AVR1:*
IC601	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:0
		2-3	No Hazard.	AVR1:0
IC603	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	Normal operation.	AVR1:*
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
		7	No Hazard.	AVR1:0
		8	No Hazard.	AVR1:0
	Short	1-2	Normal operation.	AVR1:*
		2-3	Normal operation.	AVR1:*
		3-4	Normal operation.	AVR1:*
		5-6	No Hazard.	AVR1:0
		6-7	No Hazard.	AVR1:0
		7-8	No Hazard.	AVR1:0
IC604	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
IC604	Open	5	No Hazard.	AVR1:0
	Short	1-2	Normal operation.	AVR1:*
		2-3	Normal operation.	AVR1:*
		4-5	No Hazard.	AVR1:0
IC701	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	Normal operation.	AVR1:*
	Short	1-2	No Hazard.	AVR1:0
		2-3	Normal operation.	AVR1:*
L101	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
	Short	1-2	F101 opened, No hazard.	AVR1:0
		2-3	No Hazard.	AVR1:0
		3-4	F101 opened, No hazard.	AVR1:0
L102	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
	Short	1-2	F101 opened, No hazard.	AVR1:0
		2-3	Normal operation.	AVR1:*
		3-4	F101 opened, No hazard.	AVR1:0
L103	Open	1	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
L103	Open	2	No Hazard.	AVR1:0
		3	F101 opened, No hazard.	AVR1:0
		4	F101 opened, No hazard.	AVR1:0
	Short	1-2	F101 opened, No hazard.	AVR1:0
		2-3	F101 opened, No hazard.	AVR1:0
		3-4	F101 opened, No hazard.	AVR1:0
L509	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
	Short	1-2	F101 opened, No hazard.	AVR1:0
PC301	Open	A, K	Normal operation.	AVR1:*
		C, E	Normal operation.	AVR1:*
	Short	A-K	Normal operation.	AVR1:*
		C-E	No Hazard.	AVR1:0
PC302	Open	A, K	Normal operation.	AVR1:*
		C, E	Normal operation.	AVR1:*
	Short	A-K	Normal operation.	AVR1:*
		C-E	No Hazard.	AVR1:0
PC303	Open	A, K	No Hazard.	AVR1:0
		C, E	No Hazard.	AVR1:0
	Short	A-K	No Hazard.	AVR1:0
		C-E	No Hazard.	AVR1:0
PC603	Open	A, K	Normal operation.	AVR1:*
		C, E	Normal operation.	AVR1:*
	Short	A-K	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
PC603	Short	C-E	Normal operation.	AVR1:*
PC702	Open	A,K	Normal operation.	AVR1:*
		C,E	Normal operation.	AVR1:*
	Short	A-K	Normal operation.	AVR1:*
		C-E	Normal operation.	AVR1:*
PC703	Open	A,K	Normal operation.	AVR1:*
		C,E	Normal operation.	AVR1:*
	Short	A-K	Normal operation.	AVR1:*
		C-E	Normal operation.	AVR1:*
PTH601	Open		No Hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
PTH602	Open		No Hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
R101	Open		Normal operation.	AVR1:*
R102	Open		Normal operation.	AVR1:*
R103	Open		Normal operation.	AVR1:*
R104	Open		Normal operation.	AVR1:*
R105	Open		Normal operation.	AVR1:*
R112	Open		F101 opened,No hazard.	AVR1:0
R113	Open		F101 opened,No hazard.	AVR1:0
R114	Open		F101 opened,No hazard.	AVR1:0
R115	Open		Normal operation.	AVR1:*
R116	Open		Normal operation.	AVR1:*
R117	Open		Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
R119	Open	F101 opened,No hazard.	AVR1:0
R120	Open	Normal operation.	AVR1:*
R121	Open	Normal operation.	AVR1:*
R122	Open	No Hazard.	AVR1:0
R128	Open	Normal operation.	AVR1:*
R129	Open	Normal operation.	AVR1:*
R130	Open	F101 opened,No hazard.	AVR1:0
R131	Open	Normal operation.	AVR1:*
R214	Open	No Hazard.	AVR1:0
R215	Open	No Hazard.	AVR1:0
R216	Open	No Hazard.	AVR1:0
R217	Open	No Hazard.	AVR1:0
R218	Open	No Hazard.	AVR1:0
R219	Open	No Hazard.	AVR1:0
R220	Open	No Hazard.	AVR1:0
R225	Open	F101 opened,No hazard.	AVR1:0
R227	Open	Normal operation.	AVR1:*
R228	Open	Normal operation.	AVR1:*
R229	Open	No Hazard.	AVR1:0
R230	Open	No Hazard.	AVR1:0
R231	Open	No Hazard.	AVR1:0
R232	Open	No Hazard.	AVR1:0
R233	Open	No Hazard.	AVR1:0
R234	Open	No Hazard.	AVR1:0

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Component	Mode	Comment	Output Voltage (V)
R235	Open	Normal operation.	AVR1:*
R301	Open	Normal operation.	AVR1:*
R303	Open	No Hazard.	AVR1:0
R304	Open	Normal operation.	AVR1:*
R305	Open	Normal operation.	AVR1:*
R306	Open	Normal operation.	AVR1:*
R307	Open	Normal operation.	AVR1:*
R309	Open	No Hazard.	AVR1:0
R310	Open	Normal operation.	AVR1:*
R311	Open	Normal operation.	AVR1:*
R312	Open	Normal operation.	AVR1:*
R313	Open	Normal operation.	AVR1:*
R314	Open	Normal operation.	AVR1:*
R315	Open	Normal operation.	AVR1:*
R316	Open	Normal operation.	AVR1:*
R317	Open	Normal operation.	AVR1:*
R318	Open	Normal operation.	AVR1:*
R321	Open	Normal operation.	AVR1:*
R322	Open	Normal operation.	AVR1:*
R323	Open	Normal operation.	AVR1:*
R324	Open	Normal operation.	AVR1:*
R325	Open	No Hazard.	AVR1:0
R326	Open	No Hazard.	AVR1:0
R327	Open	No Hazard.	AVR1:0

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Component	Mode	Comment	Output Voltage (V)
R328	Open	No Hazard.	AVR1:0
R329	Open	No Hazard.	AVR1:0
R330	Open	No Hazard.	AVR1:0
R331	Open	No Hazard.	AVR1:0
R332	Open	No Hazard.	AVR1:0
R336	Open	No Hazard.	AVR1:0
R337	Open	No Hazard.	AVR1:0
R338	Open	No Hazard.	AVR1:0
R339	Open	Normal operation.	AVR1:*
R340	Open	Normal operation.	AVR1:*
R341	Open	No Hazard.	AVR1:0
R342	Open	No Hazard.	AVR1:0
R343	Open	No Hazard.	AVR1:0
R344	Open	Normal operation.	AVR1:*
R345	Open	No Hazard.	AVR1:0
R346	Open	Normal operation.	AVR1:*
R347	Open	Normal operation.	AVR1:*
R348	Open	No Hazard.	AVR1:0
R349	Open	No Hazard.	AVR1:0
R350	Open	No Hazard.	AVR1:0
R353	Open	No Hazard.	AVR1:0
R355	Open	No Hazard.	AVR1:0
R356	Open	No Hazard.	AVR1:0
R360	Open	No Hazard.	AVR1:0

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Component	Mode	Comment	Output Voltage (V)
R361	Open	Normal operation.	AVR1:*
R362	Open	No Hazard.	AVR1:0
R363	Open	F101 opened, No hazard.	AVR1:0
R371	Open	No Hazard.	AVR1:0
R372	Open	No Hazard.	AVR1:0
R373	Open	Normal operation.	AVR1:*
R374	Open	No Hazard.	AVR1:0
R380	Open	Normal operation.	AVR1:*
R381	Open	Normal operation.	AVR1:*
R382	Open	Normal operation.	AVR1:*
R383	Open	Normal operation.	AVR1:*
R384	Open	Normal operation.	AVR1:*
R385	Open	Normal operation.	AVR1:*
R386	Open	Normal operation.	AVR1:*
R387	Open	Normal operation.	AVR1:*
R388	Open	Normal operation.	AVR1:*
R390	Open	Normal operation.	AVR1:*
R401	Open	No Hazard.	AVR1:0
R402	Open	Normal operation.	AVR1:*
R403	Open	Normal operation.	AVR1:*
R404	Open	Normal operation.	AVR1:*
R405	Open	Normal operation.	AVR1:*
R406	Open	Normal operation.	AVR1:*
R407	Open	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
R409	Open	No Hazard.	AVR1:0
R410	Open	No Hazard.	AVR1:0
R411	Open	No Hazard.	AVR1:0
R412	Open	No Hazard.	AVR1:0
R413	Open	Normal operation.	AVR1:*
R414	Open	Normal operation.	AVR1:*
R415	Open	No Hazard.	AVR1:0
R416	Open	Normal operation.	AVR1:*
R418	Open	No Hazard.	AVR1:0
R419	Open	No Hazard.	AVR1:0
R420	Open	No Hazard.	AVR1:0
R421	Open	Normal operation.	AVR1:*
R422	Open	Normal operation.	AVR1:*
R423	Open	Normal operation.	AVR1:*
R425	Open	Normal operation.	AVR1:*
R501	Open	Normal operation.	AVR1:*
R502	Open	Normal operation.	AVR1:*
R503	Open	Normal operation.	AVR1:*
R504	Open	Normal operation.	AVR1:*
R505	Open	Normal operation.	AVR1:*
R506	Open	Normal operation.	AVR1:*
R507	Open	Normal operation.	AVR1:*
R508	Open	Normal operation.	AVR1:*
R509	Open	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
R510	Open	Normal operation.	AVR1:*
R511	Open	Normal operation.	AVR1:*
R512	Open	Normal operation.	AVR1:*
R513	Open	Normal operation.	AVR1:*
R514	Open	Normal operation.	AVR1:*
R515	Open	Normal operation.	AVR1:*
R516	Open	Normal operation.	AVR1:*
R517	Open	Normal operation.	AVR1:*
R518	Open	Normal operation.	AVR1:*
R520	Open	Normal operation.	AVR1:*
R521	Open	Normal operation.	AVR1:*
R522	Open	Normal operation.	AVR1:*
R523	Open	Normal operation.	AVR1:*
R524	Open	Normal operation.	AVR1:*
R525	Open	Normal operation.	AVR1:*
R526	Open	Normal operation.	AVR1:*
R527	Open	Normal operation.	AVR1:*
R528	Open	Normal operation.	AVR1:*
R529	Open	Normal operation.	AVR1:*
R530	Open	Normal operation.	AVR1:*
R531	Open	Normal operation.	AVR1:*
R532	Open	Normal operation.	AVR1:*
R533	Open	Normal operation.	AVR1:*
R534	Open	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
R535	Open	Normal operation.	AVR1:*
R536	Open	Normal operation.	AVR1:*
R537	Open	Normal operation.	AVR1:*
R538	Open	Normal operation.	AVR1:*
R539	Open	Normal operation.	AVR1:*
R540	Open	Normal operation.	AVR1:*
R541	Open	Normal operation.	AVR1:*
R542	Open	Normal operation.	AVR1:*
R543	Open	Normal operation.	AVR1:*
R544	Open	Normal operation.	AVR1:*
R545	Open	Normal operation.	AVR1:*
R546	Open	Normal operation.	AVR1:*
R547	Open	Normal operation.	AVR1:*
R548	Open	Normal operation.	AVR1:*
R549	Open	Normal operation.	AVR1:*
R550	Open	Normal operation.	AVR1:*
R551	Open	Normal operation.	AVR1:*
R552	Open	Normal operation.	AVR1:*
R553	Open	Normal operation.	AVR1:*
R554	Open	Normal operation.	AVR1:*
R555	Open	Normal operation.	AVR1:*
R556	Open	Normal operation.	AVR1:*
R557	Open	Normal operation.	AVR1:*
R558	Open	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
R559	Open	Normal operation.	AVR1:*
R560	Open	Normal operation.	AVR1:*
R561	Open	Normal operation.	AVR1:*
R562	Open	Normal operation.	AVR1:*
R563	Open	Normal operation.	AVR1:*
R564	Open	Normal operation.	AVR1:*
R565	Open	Normal operation.	AVR1:*
R566	Open	Normal operation.	AVR1:*
R567	Open	Normal operation.	AVR1:*
R568 (Only -24,-36,-5)	Open	Normal operation.	AVR1:*
R569 (Only -24,-36,-5)	Open	Normal operation.	AVR1:*
R589	Open	Normal operation.	AVR1:*
R590	Open	Normal operation.	AVR1:*
R591	Open	Normal operation.	AVR1:*
R592	Open	Normal operation.	AVR1:*
R593	Open	No Hazard.	AVR1:0
R594	Open	No Hazard.	AVR1:0
R595	Open	Normal operation.	AVR1:*
R596	Open	Normal operation.	AVR1:*
R597 (Only -24,-36,-48)	Open	Normal operation.	AVR1:*
R611	Open	Normal operation.	AVR1:*
R615	Open	Normal operation.	AVR1:*
R616	Open	Normal operation.	AVR1:*
R617	Open	Output voltage decreased. No hazard.	AVR1:decreased

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Component	Mode	Comment	Output Voltage (V)
R618	Open	Output voltage decreased. No hazard.	AVR1:decreased
R620	Open	Output voltage decreased. No hazard.	AVR1:decreased
R621	Open	No Hazard.	AVR1:0
R622	Open	No Hazard.	AVR1:0
R623	Open	Normal operation.	AVR1:*
R624	Open	No Hazard.	AVR1:0
R625	Open	No Hazard.	AVR1:0
R626	Open	Output voltage decreased. No hazard.	AVR1:decreased
R627	Open	Output voltage decreased. No hazard.	AVR1:decreased
R628	Open	No Hazard.	AVR1:0
R629	Open	Normal operation.	AVR1:*
R630	Open	Normal operation.	AVR1:*
R631	Open	Normal operation.	AVR1:*
R632	Open	Normal operation.	AVR1:*
R634	Open	Normal operation.	AVR1:*
R635	Open	No Hazard.	AVR1:0
R636	Open	No Hazard.	AVR1:0
R637	Open	No Hazard.	AVR1:0
R638	Open	No Hazard.	AVR1:0
R639	Open	No Hazard.	AVR1:0
R640	Open	Output voltage decreased. No hazard.	AVR1:decreased
R641	Open	No Hazard.	AVR1:0
R642	Open	Output voltage decreased. No hazard.	AVR1:decreased
R654	Open	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
R655	Open		No Hazard.	AVR1:0
R656	Open		Output voltage decreased. No hazard.	AVR1:decreased
R657	Open		Normal operation.	AVR1:*
R661	Open		No Hazard.	AVR1:0
R662	Open		No Hazard.	AVR1:0
R665	Open		Normal operation.	AVR1:*
R673	Open		Normal operation.	AVR1:*
R695	Open		Normal operation.	AVR1:*
R701	Open		Normal operation.	AVR1:*
R702	Open		Normal operation.	AVR1:*
R708	Open		Normal operation.	AVR1:*
R709	Open		Normal operation.	AVR1:*
R710	Open		Normal operation.	AVR1:*
R711	Open		Normal operation.	AVR1:*
R714	Open		Normal operation.	AVR1:*
R715	Open		Normal operation.	AVR1:*
R716	Open		Normal operation.	AVR1:*
R717	Open		Normal operation.	AVR1:*
R722	Open		Normal operation.	AVR1:*
R724	Open		Normal operation.	AVR1:*
SCR101	Open	A	F101 opened, No hazard.	AVR1:0
		K	F101 opened, No hazard.	AVR1:0
		G	F101 opened, No hazard.	AVR1:0
	Short	A-K	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
SCR101	Short	A-G	F101 opened, No hazard.	AVR1:0
		K-G	F101 opened, No hazard.	AVR1:0
	Open	7	Normal operation.	AVR1:*
		8	Normal operation.	AVR1:*
SS101	Open		No Hazard.	AVR1:0
	Short		See page 42.	
SS102	Open		No Hazard.	AVR1:0
	Short		See page 42.	
SS501	Open		No Hazard.	AVR1:0
	Short		F101 opened, No hazard.	AVR1:0
SS502	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
SS503	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
SS504 (Except:-36,-48)	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
T301	Open	1	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
		7	No Hazard.	AVR1:0
		9	No Hazard.	AVR1:0
		10	No Hazard.	AVR1:0
	Short	6-7	No Hazard.	AVR1:0
		9-10	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
T302	Open	4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
		7	Normal operation.	AVR1:*
		8	Normal operation.	AVR1:*
		9	Normal operation.	AVR1:*
		10	Normal operation.	AVR1:*
		11	Normal operation.	AVR1:*
		12	Normal operation.	AVR1:*
	Short	4-5	No Hazard.	AVR1:0
		5-6	No Hazard.	AVR1:0
		7-8	Normal operation.	AVR1:*
		8-9	Normal operation.	AVR1:*
		9-10	See page 42.	
		10-11	Normal operation.	AVR1:*
		11-12	Normal operation.	AVR1:*
T303	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	Output voltage decreased. No hazard.	AVR1:decreased
		4	Output voltage decreased. No hazard.	AVR1:decreased
	Short	1-2	Normal operation.	AVR1:*
		3-4	Normal operation.	AVR1:*
T401	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
T401	Open	3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
		7	No Hazard.	AVR1:0
		9	No Hazard.	AVR1:0
		10	No Hazard.	AVR1:0
	Short	1-2	See page 42.	
		2-3	No Hazard.	AVR1:0
		3-4	No Hazard.	AVR1:0
		6-7	No Hazard.	AVR1:0
		9-10	No Hazard.	AVR1:0
TH101	Open		No Hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
TR101	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	F101 opened, No hazard.	AVR1:0
	Short	D-S	See page 42.	
		S-G	No Hazard.	AVR1:0
		G-D	See page 42.	
TR102	Open	D	F101 opened, No hazard.	AVR1:0
		S	F101 opened, No hazard.	AVR1:0
		G	F101 opened, No hazard.	AVR1:0
	Short	D-S	F101 opened, No hazard.	AVR1:0
		S-G	F101 opened, No hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
TR102	Short	G-D	F101 opened, No hazard.	AVR1:0
TR202	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	No Hazard.	AVR1:0
	Short	D-S	No Hazard.	AVR1:0
		S-G	Normal operation.	AVR1:*
		G-D	No Hazard.	AVR1:0
TR301	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	F101 opened, No hazard.	AVR1:0
	Short	D-S	See page 42.	
		S-G	No Hazard.	AVR1:0
		G-D	See page 42.	
TR303	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	F101 opened, No hazard.	AVR1:0
	Short	D-S	See page 42.	
		S-G	No Hazard.	AVR1:0
		G-D	See page 42.	
TR306	Open	C	No Hazard.	AVR1:0
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	No Hazard.	AVR1:0
		E-B	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
TR306	Short	B-C	No Hazard.	AVR1:0
TR307	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	No Hazard.	AVR1:0
	Short	D-S	No Hazard.	AVR1:0
		S-G	Normal operation.	AVR1:*
		G-D	No Hazard.	AVR1:0
TR310	Open	C	No Hazard.	AVR1:0
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	No Hazard.	AVR1:0
		E-B	No Hazard.	AVR1:0
		B-C	Normal operation.	AVR1:*
TR312	Open	C	No Hazard.	AVR1:0
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	No Hazard.	AVR1:0
		E-B	No Hazard.	AVR1:0
		B-C	Output voltage decreased. No hazard.	AVR1:decreased
TR313	Open	S(1)	F101 opened, No hazard.	AVR1:0
		G(2)	F101 opened, No hazard.	AVR1:0
		D(3)	No Hazard.	AVR1:0
		S(4)	No Hazard.	AVR1:0
		G(5)	F101 opened, No hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
TR313	Open	D(6)	F101 opened,No hazard.	AVR1:0
	Short	S-G(1-2)	F101 opened,No hazard.	AVR1:0
		G-D(2-3)	F101 opened,No hazard.	AVR1:0
		D-S(3-4)	F101 opened,No hazard.	AVR1:0
		S-G(4-5)	F101 opened,No hazard.	AVR1:0
		G-D(5-6)	F101 opened,No hazard.	AVR1:0
TR314	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	No Hazard.	AVR1:0
		E-B	No Hazard.	AVR1:0
		B-C	Output voltage decreased. No hazard.	AVR1:decreased
TR322	Open	C	No Hazard.	AVR1:0
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	Normal operation.	AVR1:*
		E-B	No Hazard.	AVR1:0
		B-C	Normal operation.	AVR1:*
TR501	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	No Hazard.	AVR1:0
		E-B	Normal operation.	AVR1:*
		B-C	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
TR603	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	Normal operation.	AVR1:*
		E-B	Normal operation.	AVR1:*
		B-C	Normal operation.	AVR1:*
TR604	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	Normal operation.	AVR1:*
		E-B	Normal operation.	AVR1:*
		B-C	Normal operation.	AVR1:*
TR703	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	Normal operation.	AVR1:*
		E-B	Normal operation.	AVR1:*
		B-C	Normal operation.	AVR1:*
TR704	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	No Hazard.	AVR1:0
		E-B	Normal operation.	AVR1:*
		B-C	Normal operation.	AVR1:*

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COSEL

F M E A

Component	Mode		Comment	Output Voltage (V)
VR601	Open	brush	Output voltage increased. No hazard.	AVR1:Increased(130%)
			No Hazard.	AVR1:0
	Short		Output voltage decreased. No hazard.	AVR1:Decreased(70%)
ZD101	Open		Normal operation.	AVR1:*
	Short		F101 opened,No hazard.	AVR1:0
ZD301	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
ZD302	Open		Normal operation.	AVR1:*
	Short		F101 opened,No hazard.	AVR1:0

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ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
C109	Open		No Hazard.	AVR1:0
C117	Short		F101 opened, No hazard.	AVR1:0
C118	Short		F101 opened, No hazard.	AVR1:0
C119	Short		F101 opened, No hazard.	AVR1:0
C207	Short		Normal operation.	AVR1:*
C709	Short		Normal operation.	AVR1:*
C716	Short		Normal operation.	AVR1:*
IC401	Short	4-5	F101 opened, No hazard.	AVR1:0
		10-11	No Hazard.	AVR1:0
SS101	Short		F101 opened, No hazard.	AVR1:0
SS102	Short		F101 opened, No hazard.	AVR1:0
T302	Short	9-10	No Hazard.	AVR1:0
T401	Short	1-2	No Hazard.	AVR1:0
TR101	Short	D-S	F101 opened, No hazard.	AVR1:0
		G-D	F101 opened, No hazard.	AVR1:0
TR301	Short	D-S	F101 opened, No hazard.	AVR1:0
		G-D	F101 opened, No hazard.	AVR1:0
TR303	Short	D-S	F101 opened, No hazard.	AVR1:0
		G-D	F101 opened, No hazard.	AVR1:0

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