

ABNORMAL TEST RESULT

OF MODEL DBS700B

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 : 2/41 ~ 38/41)

(Abnormal Test Result: 39/41 ~ 41/41)

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.

F M E A

Component	Mode	Comment	Output Voltage (V)
C11	Open	Normal operation.	AVR1:*
	Short	External Fuse opened, No hazard.	AVR1:0 [V]
C21	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C22	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C31	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C32	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C33	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C34	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C35	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C36	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C51	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C52	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C53	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased

F M E A

Component	Mode	Comment	Output Voltage (V)
C61	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C62	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C63	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C64	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C101	Open	Normal operation.	AVR1:*
	Short	External Fuse opened, No hazard.	AVR1:0 [V]
C102	Open	Normal operation.	AVR1:*
	Short	External Fuse opened, No hazard.	AVR1:0 [V]
C112	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C113	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C114	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C115	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C116	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	No Hazard.	AVR1:0 [V]
C120	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Normal operation.	AVR1:*



F M E A

Component	Mode	Comment	Output Voltage (V)
C121	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C122	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C123	Open	No Hazard.	AVR1:0 [V]
	Short	No Hazard.	AVR1:0 [V]
C124	Open	No Hazard.	AVR1:0 [V]
	Short	Normal operation.	AVR1:*
C125	Open	No Hazard.	AVR1:0 [V]
	Short	Normal operation.	AVR1:*
C126	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C131	Open	No Hazard.	AVR1:0 [V]
	Short	Normal operation.	AVR1:*
C132	Open	No Hazard.	AVR1:0 [V]
	Short	See 39 Page.	
C135	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C136	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C154	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C155	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

F M E A

Component	Mode	Comment	Output Voltage (V)
C157	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Normal operation.	AVR1:*
C161	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C171	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Normal operation.	AVR1:*
C201	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C202	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C203	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C204	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C211	Open	Normal operation.	AVR1:*
	Short	See 39 Page.	
C212	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C213	Open	Normal operation.	AVR1:*
	Short	See 39 Page.	
C214	Open	Normal operation.	AVR1:*
	Short	See 39 Page.	
C215	Open	Normal operation.	AVR1:*
	Short	See 39 Page.	

F M E A

Component	Mode	Comment	Output Voltage (V)
C216	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C221	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C222	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C231	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C241	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C242	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C244	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C245	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C246	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C247	Open	No Hazard.	AVR1:0 [V]
	Short	Normal operation.	AVR1:*
C271	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Normal operation.	AVR1:*
C272	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*



F M E A

Component	Mode	Comment	Output Voltage (V)
C281	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C501	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C502	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C503	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C504	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C521	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C523	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C524	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C525	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C526	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C527	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C528	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

F M E A

Component	Mode	Comment	Output Voltage (V)
C529	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C530	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C531	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	No Hazard.	AVR1:0 [V]
C532	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C533	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	No Hazard.	AVR1:0 [V]
C541	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C542	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
C543	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C544	Open	Normal operation.	AVR1:*
	Short	Output voltage increased. No hazard.	AVR1: Increased (105%)
C545	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C546	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C571	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

F M E A

Component	Mode	Comment	Output Voltage (V)
C572	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C573	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C574	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C575	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C576	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C577	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C578	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C591	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C592	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C593	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C594	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D21	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

F M E A

Component	Mode	Comment	Output Voltage (V)
D22	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D23	Open	Normal operation.	AVR1:*
	Short	See 39 Page.	
D24	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D41	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D101	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Output voltage decreased. No hazard.	AVR1:decreased
D102	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Normal operation.	AVR1:*
D103	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D111	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D112	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D113	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D114	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D115	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*



F M E A

Component	Mode	Comment	Output Voltage (V)
D116	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D131	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
D133	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
D135	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
D136	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
D151	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D152	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Normal operation.	AVR1:*
D153	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D154	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D202	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D241	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D242	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*



F M E A

Component	Mode	Comment	Output Voltage (V)
D243	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D281	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Normal operation.	AVR1:*
D501	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D521	Open	No Hazard.	AVR1:0 [V]
	Short	No Hazard.	AVR1:0 [V]
D522	Open	No Hazard.	AVR1:0 [V]
	Short	Normal operation.	AVR1:*
D523	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D524	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D525	Open	No Hazard.	AVR1:0 [V]
	Short	Normal operation.	AVR1:*
D527	Open	No Hazard.	AVR1:0 [V]
	Short	Normal operation.	AVR1:*
D528	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D529	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D530	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*



F M E A

Component	Mode		Comment	Output Voltage (V)
D541	Open		No Hazard.	AVR1:0 [V]
	Short		Normal operation.	AVR1:*
D571	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D572	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D573	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0 [V]
IC101	Open	1	Normal operation.	AVR1:*
		2	No Hazard.	AVR1:0 [V]
		3	See 39 Page.	
		4	See 39 Page.	
		5	See 39 Page.	
		6	See 39 Page.	
		7	No Hazard.	AVR1:0 [V]
		8	Normal operation.	AVR1:*
	Short	1-2	Normal operation.	AVR1:*
		2-3	No Hazard.	AVR1:0 [V]
		3-4	See 39 Page.	
		4-5	No Hazard.	AVR1:0 [V]
		5-6	No Hazard.	AVR1:0 [V]
		6-7	No Hazard.	AVR1:0 [V]
		7-8	See 39 Page.	
IC201	Open	1	No Hazard.	AVR1:0 [V]

F M E A

Component	Mode		Comment	Output Voltage (V)
IC201	Open	2	No Hazard.	AVR1:0 [V]
		3	External Fuse opened, No hazard.	AVR1:0 [V]
		4	Normal operation.	AVR1:*
		5	Normal operation.	AVR1:*
		6	Normal operation.	AVR1:*
		7	No Hazard.	AVR1:0 [V]
		8	Normal operation.	AVR1:*
		9	Normal operation.	AVR1:*
		10	No Hazard.	AVR1:0 [V]
		11	No Hazard.	AVR1:0 [V]
		12	Output voltage decreased. No hazard.	AVR1:decreased
		13	Output voltage decreased. No hazard.	AVR1:decreased
		14	Normal operation.	AVR1:*
		15	Normal operation.	AVR1:*
		16	Normal operation.	AVR1:*
		17	Output voltage decreased. No hazard.	AVR1:decreased
		18	No Hazard.	AVR1:0 [V]
		19	No Hazard.	AVR1:0 [V]
		20	No Hazard.	AVR1:0 [V]
		Short	1-2	No Hazard.
	2-3		No Hazard.	AVR1:0 [V]
	3-4		Normal operation.	AVR1:*
	4-5		Normal operation.	AVR1:*
	5-6		Normal operation.	AVR1:*



F M E A

Component	Mode	Comment	Output Voltage (V)	
IC201	Short	6-7	Normal operation.	AVR1:*
		7-8	Normal operation.	AVR1:*
		8-9	Normal operation.	AVR1:*
		9-10	No Hazard.	AVR1:0 [V]
		11-12	No Hazard.	AVR1:0 [V]
		12-13	No Hazard.	AVR1:0 [V]
		13-14	Normal operation.	AVR1:*
		14-15	Normal operation.	AVR1:*
		15-16	Normal operation.	AVR1:*
		16-17	Normal operation.	AVR1:*
		17-18	Normal operation.	AVR1:*
		18-19	Normal operation.	AVR1:*
		19-20	No Hazard.	AVR1:0 [V]
IC202	Open	1	No Hazard.	AVR1:0 [V]
		2	No Hazard.	AVR1:0 [V]
		3	No Hazard.	AVR1:0 [V]
		4	No Hazard.	AVR1:0 [V]
		5	No Hazard.	AVR1:0 [V]
		6	No Hazard.	AVR1:0 [V]
		7	Output voltage decreased. No hazard.	AVR1:decreased
		8	Normal operation.	AVR1:*
		9	Normal operation.	AVR1:*
		10	Normal operation.	AVR1:*
		11	Normal operation.	AVR1:*



F M E A

Component	Mode	Comment	Output Voltage (V)	
IC202	Open	12	Normal operation.	AVR1:*
		13	Normal operation.	AVR1:*
		14	Normal operation.	AVR1:*
		15	No Hazard.	AVR1:0 [V]
		16	No Hazard.	AVR1:0 [V]
		17	Normal operation.	AVR1:*
		18	Normal operation.	AVR1:*
		19	No Hazard.	AVR1:0 [V]
		20	No Hazard.	AVR1:0 [V]
	Short	1-2	See 39 Page.	
		2-3	See 39 Page.	
		3-4	See 39 Page.	
		4-5	Normal operation.	AVR1:*
		5-6	Normal operation.	AVR1:*
		6-7	See 39 Page.	
		7-8	Output voltage decreased. No hazard.	AVR1:decreased
		8-9	Normal operation.	AVR1:*
		9-10	Normal operation.	AVR1:*
		11-12	Normal operation.	AVR1:*
		12-13	Normal operation.	AVR1:*
13-14	Normal operation.	AVR1:*		
14-15	Normal operation.	AVR1:*		
15-16	Normal operation.	AVR1:*		
16-17	Normal operation.	AVR1:*		

F M E A

Component	Mode		Comment	Output Voltage (V)
IC202	Short	17-18	Normal operation.	AVR1:*
		18-19	Normal operation.	AVR1:*
		19-20	Normal operation.	AVR1:*
IC203	Open	K	No Hazard.	AVR1:0 [V]
		A	No Hazard.	AVR1:0 [V]
		R	No Hazard.	AVR1:0 [V]
	Short	A-K	No Hazard.	AVR1:0 [V]
		K-R	No Hazard.	AVR1:0 [V]
		R-A	No Hazard.	AVR1:0 [V]
IC501	Open	1	Output voltage increased. No hazard.	AVR1:Increased(105%)
		2	Output voltage increased. No hazard.	AVR1:Increased(105%)
		3	Normal operation.	AVR1:*
		4	No Hazard.	AVR1:0 [V]
		5	No Hazard.	AVR1:0 [V]
		6	No Hazard.	AVR1:0 [V]
		7	No Hazard.	AVR1:0 [V]
		8	No Hazard.	AVR1:0 [V]
	Short	1-2	Output voltage increased. No hazard.	AVR1:Increased(105%)
		2-3	Normal operation.	AVR1:*
		3-4	Output voltage increased. No hazard.	AVR1:Increased(105%)
		5-6	No Hazard.	AVR1:0 [V]
		6-7	No Hazard.	AVR1:0 [V]
		7-8	No Hazard.	AVR1:0 [V]
IC502	Open	K	No Hazard.	AVR1:0 [V]

F M E A

Component	Mode		Comment	Output Voltage (V)
IC502	Open	A	No Hazard.	AVR1:0 [V]
		R	No Hazard.	AVR1:0 [V]
	Short	A-K	No Hazard.	AVR1:0 [V]
		K-R	Normal operation.	AVR1:*
		R-A	No Hazard.	AVR1:0 [V]
IC503	Open	K	Normal operation.	AVR1:*
		A	Normal operation.	AVR1:*
		R	Normal operation.	AVR1:*
	Short	A-K	No Hazard.	AVR1:0 [V]
		K-R	No Hazard.	AVR1:0 [V]
		R-A	Normal operation.	AVR1:*
J11	Open		External Fuse opened, No hazard.	AVR1:0 [V]
	Short		Normal operation.	AVR1:*
J12	Open		External Fuse opened, No hazard.	AVR1:0 [V]
	Short		Normal operation.	AVR1:*
J51	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
L11	Open		No Hazard.	AVR1:0 [V]
	Short		Normal operation.	AVR1:*
L21	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
L51	Open		Output voltage decreased. No hazard.	AVR1:decreased
	Short		Output voltage decreased. No hazard.	AVR1:decreased
PC101	Open	A, K	Normal operation.	AVR1:*

F M E A

Component	Mode		Comment	Output Voltage (V)
PC101	Open	C, E	Normal operation.	AVR1:*
	Short	A-K	Normal operation.	AVR1:*
		C-E	No Hazard.	AVR1:0 [V]
PC102	Open	A, K	No Hazard.	AVR1:0 [V]
		Vo, GND	No Hazard.	AVR1:0 [V]
		Vcc	No Hazard.	AVR1:0 [V]
	Short	A-K	No Hazard.	AVR1:0 [V]
		Vo-GND	No Hazard.	AVR1:0 [V]
		Vcc-GND	No Hazard.	AVR1:0 [V]
PC501	Open	A, K	Normal operation.	AVR1:*
		C, E	Normal operation.	AVR1:*
	Short	A-K	Normal operation.	AVR1:*
		C-E	Normal operation.	AVR1:*
SS51	Open		See 39 Page.	
	Short		Output voltage decreased. No hazard.	AVR1:decreased
SS52	Open		See 39 Page.	
	Short		Output voltage decreased. No hazard.	AVR1:decreased
SS53	Open		See 39 Page.	
	Short		Output voltage decreased. No hazard.	AVR1:decreased
SS54	Open		See 39 Page.	
	Short		Output voltage decreased. No hazard.	AVR1:decreased
SS55	Open		See 39 Page.	
	Short		Output voltage decreased. No hazard.	AVR1:decreased
T11	Open	1	No Hazard.	AVR1:0 [V]



F M E A

Component	Mode		Comment	Output Voltage (V)	
T11	Open	2	No Hazard.	AVR1:0 [V]	
		4	See 39 Page.		
		5	See 39 Page.		
		3	See 39 Page.		
		6	See 39 Page.		
	Short	1-2	External Fuse opened, No hazard.	AVR1:0 [V]	
		4-5	External Fuse opened, No hazard.	AVR1:0 [V]	
		3-6	External Fuse opened, No hazard.	AVR1:0 [V]	
	T12	Open	1	Normal operation.	AVR1:*
3			Normal operation.	AVR1:*	
7			No Hazard.	AVR1:0 [V]	
8			No Hazard.	AVR1:0 [V]	
Short		1-3	Normal operation.	AVR1:*	
		1-7	Normal operation.	AVR1:*	
		3-8	Normal operation.	AVR1:*	
T101		Open	1	No Hazard.	AVR1:0 [V]
			2	No Hazard.	AVR1:0 [V]
	3		No Hazard.	AVR1:0 [V]	
	4		No Hazard.	AVR1:0 [V]	
	5		No Hazard.	AVR1:0 [V]	
	6		No Hazard.	AVR1:0 [V]	
	Short	1-2	No Hazard.	AVR1:0 [V]	
		2-3	No Hazard.	AVR1:0 [V]	
		3-4	No Hazard.	AVR1:0 [V]	



F M E A

Component	Mode		Comment	Output Voltage (V)	
T101	Short	5-6	No Hazard.	AVR1:0 [V]	
T102	Open	2	No Hazard.	AVR1:0 [V]	
		3	No Hazard.	AVR1:0 [V]	
		4	Normal operation.	AVR1:*	
		5	Normal operation.	AVR1:*	
		6	No Hazard.	AVR1:0 [V]	
		7	No Hazard.	AVR1:0 [V]	
		9	No Hazard.	AVR1:0 [V]	
		10	No Hazard.	AVR1:0 [V]	
		Short	2-3	No Hazard.	AVR1:0 [V]
			4-5	No Hazard.	AVR1:0 [V]
	6-7		No Hazard.	AVR1:0 [V]	
	9-10		No Hazard.	AVR1:0 [V]	
	TH51	Open		Normal operation.	AVR1:*
Short		No Hazard.	AVR1:0 [V]		
TR11	Open	D	See 39 Page.		
		S	See 40 Page.		
		G	See 40 Page.		
	Short	D-S	See 40 Page.		
		S-G	See 40 Page.		
		G-D	See 40 Page.		
TR12	Open	D	See 40 Page.		
		S	See 40 Page.		
		G	See 40 Page.		



F M E A

Component	Mode		Comment	Output Voltage (V)
TR12	Short	D-S	See 40 Page.	
		S-G	See 40 Page.	
		G-D	See 40 Page.	
TR13	Open	D	See 40 Page.	
		S	See 40 Page.	
		G	See 40 Page.	
	Short	D-S	See 40 Page.	
		S-G	See 40 Page.	
		G-D	See 40 Page.	
TR14	Open	D	See 40 Page.	
		S	See 40 Page.	
		G	See 40 Page.	
	Short	D-S	See 40 Page.	
		S-G	See 40 Page.	
		G-D	See 40 Page.	
TR21	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	No Hazard.	AVR1:0 [V]
		E-B	Normal operation.	AVR1:*
		B-C	No Hazard.	AVR1:0 [V]
TR22	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*



F M E A

Component	Mode		Comment	Output Voltage (V)
TR22	Short	C-E	No Hazard.	AVR1:0 [V]
		E-B	Normal operation.	AVR1:*
		B-C	No Hazard.	AVR1:0 [V]
TR101	Open	D	No Hazard.	AVR1:0 [V]
		S	No Hazard.	AVR1:0 [V]
		G	No Hazard.	AVR1:0 [V]
	Short	D-S	No Hazard.	AVR1:0 [V]
		S-G	No Hazard.	AVR1:0 [V]
		G-D	No Hazard.	AVR1:0 [V]
TR106	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:*
TR107	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:*
TR122	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	Normal operation.	AVR1:*



F M E A

Component	Mode		Comment	Output Voltage (V)
TR122	Short	D-S	Normal operation.	AVR1:*
		S-G	Normal operation.	AVR1:*
		G-D	Normal operation.	AVR1:*
TR133	Open	D	No Hazard.	AVR1:0 [V]
		S	No Hazard.	AVR1:0 [V]
		G	No Hazard.	AVR1:0 [V]
	Short	D-S	No Hazard.	AVR1:0 [V]
		S-G	No Hazard.	AVR1:0 [V]
		G-D	No Hazard.	AVR1:0 [V]
TR134	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	No Hazard.	AVR1:0 [V]
		E-B	Normal operation.	AVR1:*
		B-C	No Hazard.	AVR1:0 [V]
TR161	Open	C	No Hazard.	AVR1:0 [V]
		E	No Hazard.	AVR1:0 [V]
		B	No Hazard.	AVR1:0 [V]
	Short	C-E	No Hazard.	AVR1:0 [V]
		E-B	No Hazard.	AVR1:0 [V]
		B-C	No Hazard.	AVR1:0 [V]
TR164	Open	C	No Hazard.	AVR1:0 [V]
		E	No Hazard.	AVR1:0 [V]
		B	No Hazard.	AVR1:0 [V]



F M E A

Component	Mode		Comment	Output Voltage (V)
TR164	Short	C-E	No Hazard.	AVR1:0 [V]
		E-B	No Hazard.	AVR1:0 [V]
		B-C	No Hazard.	AVR1:0 [V]
TR201	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	No Hazard.	AVR1:0 [V]
		E-B	Normal operation.	AVR1:*
		B-C	No Hazard.	AVR1:0 [V]
TR202	Open	C	No Hazard.	AVR1:0 [V]
		E	No Hazard.	AVR1:0 [V]
		B	No Hazard.	AVR1:0 [V]
	Short	C-E	No Hazard.	AVR1:0 [V]
		E-B	No Hazard.	AVR1:0 [V]
		B-C	No Hazard.	AVR1:0 [V]
TR221	Open	C	No Hazard.	AVR1:0 [V]
		E	No Hazard.	AVR1:0 [V]
		B	No Hazard.	AVR1:0 [V]
	Short	C-E	Normal operation.	AVR1:*
		E-B	No Hazard.	AVR1:0 [V]
		B-C	Normal operation.	AVR1:*
TR241	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*

F M E A

Component	Mode		Comment	Output Voltage (V)
TR241	Short	C-E	Normal operation.	AVR1:*
		E-B	Normal operation.	AVR1:*
		B-C	Normal operation.	AVR1:*
TR261	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	Output voltage decreased. No hazard.	AVR1:decreased
		E-B	Normal operation.	AVR1:*
		B-C	Output voltage decreased. No hazard.	AVR1:decreased
TR262	Open	D	Output voltage decreased. No hazard.	AVR1:decreased
		S	Output voltage decreased. No hazard.	AVR1:decreased
		G	Output voltage decreased. No hazard.	AVR1:decreased
	Short	D-S	Normal operation.	AVR1:*
		S-G	Output voltage decreased. No hazard.	AVR1:decreased
		G-D	Normal operation.	AVR1:*
TR501	Open	C	No Hazard.	AVR1:0 [V]
		E	No Hazard.	AVR1:0 [V]
		B	No Hazard.	AVR1:0 [V]
	Short	C-E	Normal operation.	AVR1:*
		E-B	No Hazard.	AVR1:0 [V]
		B-C	Normal operation.	AVR1:*
TR502	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*

F M E A

Component	Mode		Comment	Output Voltage (V)
TR502	Short	C-E	No Hazard.	AVR1:0 [V]
		E-B	Normal operation.	AVR1:*
		B-C	Normal operation.	AVR1:*
TR511	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	No Hazard.	AVR1:0 [V]
		E-B	Normal operation.	AVR1:*
		B-C	No Hazard.	AVR1:0 [V]
TR522	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	No Hazard.	AVR1:0 [V]
		E-B	Normal operation.	AVR1:*
		B-C	No Hazard.	AVR1:0 [V]
TR541	Open	C	Output voltage increased. No hazard.	AVR1: Increased (105%)
		E	Output voltage increased. No hazard.	AVR1: Increased (105%)
		B	Output voltage increased. No hazard.	AVR1: Increased (105%)
	Short	C-E	Output voltage decreased. No hazard.	AVR1: decreased
		E-B	Output voltage increased. No hazard.	AVR1: Increased (105%)
		B-C	Output voltage decreased. No hazard.	AVR1: decreased
TR542	Open	C	Normal operation.	AVR1:*
		E	Output voltage decreased. No hazard.	AVR1: decreased
		B	Output voltage decreased. No hazard.	AVR1: decreased

F M E A

Component	Mode		Comment	Output Voltage (V)
TR542	Short	C-E	Output voltage increased. No hazard.	AVR1: Increased(105%)
		E-B	Output voltage increased. No hazard.	AVR1: Increased(105%)
		B-C	Normal operation.	AVR1:*
TR543	Open	D	Output voltage increased. No hazard.	AVR1: Increased(105%)
		S	Output voltage increased. No hazard.	AVR1: Increased(105%)
		G	Output voltage decreased. No hazard.	AVR1: decreased
	Short	D-S	Output voltage decreased. No hazard.	AVR1: decreased
		S-G	Output voltage decreased. No hazard.	AVR1: decreased
		G-D	Output voltage decreased. No hazard.	AVR1: decreased
TR571	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:*
TR572	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:*
XTAL201	Open	See 40 Page.		
	Short	See 41 Page.		
ZD21	Open	Normal operation.		AVR1:*

F M E A

Component	Mode	Comment	Output Voltage (V)
ZD21	Short	Normal operation.	AVR1:*
ZD22	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
ZD151	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
ZD501	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
ZD502	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
ZD541	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
ZD571	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
ZD572	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0 [V]
R11	Open	External Fuse opened, No hazard.	AVR1:0 [V]
R12	Open	External Fuse opened, No hazard.	AVR1:0 [V]
R13	Open	Normal operation.	AVR1:*
R14	Open	External Fuse opened, No hazard.	AVR1:0 [V]
R15	Open	External Fuse opened, No hazard.	AVR1:0 [V]
R16	Open	Normal operation.	AVR1:*
R21	Open	Normal operation.	AVR1:*
R22	Open	Normal operation.	AVR1:*
R31	Open	Normal operation.	AVR1:*



F M E A

Component	Mode	Comment	Output Voltage (V)
R32	Open	Normal operation.	AVR1:*
R41	Open	Normal operation.	AVR1:*
R51	Open	Normal operation.	AVR1:*
R52	Open	Normal operation.	AVR1:*
R53	Open	Normal operation.	AVR1:*
R61	Open	Normal operation.	AVR1:*
R62	Open	Normal operation.	AVR1:*
R63	Open	Normal operation.	AVR1:*
R64	Open	Normal operation.	AVR1:*
R65	Open	Normal operation.	AVR1:*
R66	Open	Normal operation.	AVR1:*
R67	Open	Normal operation.	AVR1:*
R68	Open	Normal operation.	AVR1:*
R69	Open	Normal operation.	AVR1:*
R70	Open	Normal operation.	AVR1:*
R71	Open	Normal operation.	AVR1:*
R72	Open	Normal operation.	AVR1:*
R73	Open	Normal operation.	AVR1:*
R74	Open	Normal operation.	AVR1:*
R75	Open	Normal operation.	AVR1:*
R101	Open	No Hazard.	AVR1:0 [V]
R102	Open	No Hazard.	AVR1:0 [V]
R107	Open	Normal operation.	AVR1:*
R108	Open	Normal operation.	AVR1:*

F M E A

Component	Mode	Comment	Output Voltage (V)
R109	Open	Normal operation.	AVR1:*
R111	Open	No Hazard.	AVR1:0 [V]
R112	Open	Normal operation.	AVR1:*
R113	Open	See 41 Page.	
R115	Open	See 41 Page.	
R116	Open	Normal operation.	AVR1:*
R117	Open	Normal operation.	AVR1:*
R118	Open	See 41 Page.	
R121	Open	No Hazard.	AVR1:0 [V]
R122	Open	Normal operation.	AVR1:*
R123	Open	Normal operation.	AVR1:*
R124	Open	No Hazard.	AVR1:0 [V]
R125	Open	Normal operation.	AVR1:*
R126	Open	No Hazard.	AVR1:0 [V]
R127	Open	Normal operation.	AVR1:*
R128	Open	No Hazard.	AVR1:0 [V]
R129	Open	Normal operation.	AVR1:*
R130	Open	Normal operation.	AVR1:*
R131	Open	Normal operation.	AVR1:*
R132	Open	Normal operation.	AVR1:*
R133	Open	Normal operation.	AVR1:*
R134	Open	Normal operation.	AVR1:*
R135	Open	Normal operation.	AVR1:*
R136	Open	Normal operation.	AVR1:*

F M E A

Component	Mode	Comment	Output Voltage (V)
R137	Open	Normal operation.	AVR1:*
R138	Open	No Hazard.	AVR1:0 [V]
R139	Open	Normal operation.	AVR1:*
R140	Open	Normal operation.	AVR1:*
R151	Open	Normal operation.	AVR1:*
R152	Open	Normal operation.	AVR1:*
R153	Open	Normal operation.	AVR1:*
R154	Open	No Hazard.	AVR1:0 [V]
R156	Open	Normal operation.	AVR1:*
R157	Open	Normal operation.	AVR1:*
R158	Open	Normal operation.	AVR1:*
R159	Open	Output voltage decreased. No hazard.	AVR1:decreased
R160	Open	Normal operation.	AVR1:*
R161	Open	No Hazard.	AVR1:0 [V]
R162	Open	No Hazard.	AVR1:0 [V]
R163	Open	No Hazard.	AVR1:0 [V]
R164	Open	No Hazard.	AVR1:0 [V]
R165	Open	No Hazard.	AVR1:0 [V]
R167	Open	No Hazard.	AVR1:0 [V]
R171	Open	Output voltage decreased. No hazard.	AVR1:decreased
R172	Open	Normal operation.	AVR1:*
R173	Open	Output voltage decreased. No hazard.	AVR1:decreased
R201	Open	Normal operation.	AVR1:*
R202	Open	Normal operation.	AVR1:*

F M E A

Component	Mode	Comment	Output Voltage (V)
R204	Open	No Hazard.	AVR1:0 [V]
R205	Open	No Hazard.	AVR1:0 [V]
R206	Open	No Hazard.	AVR1:0 [V]
R207	Open	No Hazard.	AVR1:0 [V]
R208	Open	Normal operation.	AVR1:*
R211	Open	Normal operation.	AVR1:*
R212	Open	Normal operation.	AVR1:*
R213	Open	Output voltage decreased. No hazard.	AVR1:decreased
R214	Open	Normal operation.	AVR1:*
R215	Open	Normal operation.	AVR1:*
R216	Open	No Hazard.	AVR1:0 [V]
R217	Open	No Hazard.	AVR1:0 [V]
R218	Open	Normal operation.	AVR1:*
R219	Open	No Hazard.	AVR1:0 [V]
R221	Open	Normal operation.	AVR1:*
R222	Open	Normal operation.	AVR1:*
R223	Open	No Hazard.	AVR1:0 [V]
R224	Open	Normal operation.	AVR1:*
R225	Open	Normal operation.	AVR1:*
R241	Open	Normal operation.	AVR1:*
R242	Open	Normal operation.	AVR1:*
R243	Open	Normal operation.	AVR1:*
R244	Open	Normal operation.	AVR1:*
R245	Open	No Hazard.	AVR1:0 [V]

F M E A

Component	Mode	Comment	Output Voltage (V)
R246	Open	Normal operation.	AVR1:*
R247	Open	Normal operation.	AVR1:*
R248	Open	Normal operation.	AVR1:*
R249	Open	Normal operation.	AVR1:*
R250	Open	No Hazard.	AVR1:0 [V]
R261	Open	Normal operation.	AVR1:*
R262	Open	Output voltage decreased. No hazard.	AVR1:decreased
R263	Open	Output voltage decreased. No hazard.	AVR1:decreased
R264	Open	No Hazard.	AVR1:0 [V]
R265	Open	Normal operation.	AVR1:*
R266	Open	Normal operation.	AVR1:*
R267	Open	No Hazard.	AVR1:0 [V]
R271	Open	Normal operation.	AVR1:*
R272	Open	Normal operation.	AVR1:*
R273	Open	Normal operation.	AVR1:*
R274	Open	Normal operation.	AVR1:*
R275	Open	Normal operation.	AVR1:*
R276	Open	Normal operation.	AVR1:*
R281	Open	Normal operation.	AVR1:*
R282	Open	Normal operation.	AVR1:*
R501	Open	Normal operation.	AVR1:*
R502	Open	No Hazard.	AVR1:0 [V]
R503	Open	No Hazard.	AVR1:0 [V]
R504	Open	No Hazard.	AVR1:0 [V]

F M E A

Component	Mode	Comment	Output Voltage (V)
R505	Open	No Hazard.	AVR1:0 [V]
R507	Open	No Hazard.	AVR1:0 [V]
R509	Open	Normal operation.	AVR1:*
R511	Open	No Hazard.	AVR1:0 [V]
R512	Open	Normal operation.	AVR1:*
R513	Open	Normal operation.	AVR1:*
R514	Open	Normal operation.	AVR1:*
R515	Open	No Hazard.	AVR1:0 [V]
R516	Open	No Hazard.	AVR1:0 [V]
R517	Open	Normal operation.	AVR1:*
R518	Open	Normal operation.	AVR1:*
R519	Open	Normal operation.	AVR1:*
R521	Open	No Hazard.	AVR1:0 [V]
R522	Open	Normal operation.	AVR1:*
R523	Open	Normal operation.	AVR1:*
R524	Open	No Hazard.	AVR1:0 [V]
R525	Open	Output voltage decreased. No hazard.	AVR1:decreased
R527	Open	Output voltage decreased. No hazard.	AVR1:decreased
R528	Open	Normal operation.	AVR1:*
R529	Open	Normal operation.	AVR1:*
R531	Open	Output voltage decreased. No hazard.	AVR1:decreased
R532	Open	Normal operation.	AVR1:*
R533	Open	No Hazard.	AVR1:0 [V]
R534	Open	No Hazard.	AVR1:0 [V]

F M E A

Component	Mode	Comment	Output Voltage (V)
R535	Open	No Hazard.	AVR1:0 [V]
R536	Open	No Hazard.	AVR1:0 [V]
R537	Open	No Hazard.	AVR1:0 [V]
R538	Open	No Hazard.	AVR1:0 [V]
R539	Open	No Hazard.	AVR1:0 [V]
R541	Open	No Hazard.	AVR1:0 [V]
R542	Open	No Hazard.	AVR1:0 [V]
R543	Open	No Hazard.	AVR1:0 [V]
R544	Open	No Hazard.	AVR1:0 [V]
R545	Open	No Hazard.	AVR1:0 [V]
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	Output voltage increased. No hazard.	AVR1: Increased(105%)
R557	Open	Output voltage decreased. No hazard.	AVR1: decreased
R558	Open	Output voltage increased. No hazard.	AVR1: Increased(105%)
R559	Open	Normal operation.	AVR1:*

F M E A

Component	Mode	Comment	Output Voltage (V)
R571	Open	Normal operation.	AVR1:*
R572	Open	Normal operation.	AVR1:*
R573	Open	Normal operation.	AVR1:*
R574	Open	Normal operation.	AVR1:*
R575	Open	Normal operation.	AVR1:*
R576	Open	Normal operation.	AVR1:*
R577	Open	Normal operation.	AVR1:*
R578	Open	Normal operation.	AVR1:*
R579	Open	Normal operation.	AVR1:*
R580	Open	Normal operation.	AVR1:*
R581	Open	No Hazard.	AVR1:0 [V]
R582	Open	Normal operation.	AVR1:*
R583	Open	No Hazard.	AVR1:0 [V]
R584	Open	Normal operation.	AVR1:*
R585	Open	Normal operation.	AVR1:*
R586	Open	Normal operation.	AVR1:*
R591	Open	Normal operation.	AVR1:*
R592	Open	Normal operation.	AVR1:*
R593	Open	Normal operation.	AVR1:*
R594	Open	Normal operation.	AVR1:*
R595	Open	Normal operation.	AVR1:*
R596	Open	Normal operation.	AVR1:*
R597	Open	Normal operation.	AVR1:*
R598	Open	Normal operation.	AVR1:*

F M E A

Component	Mode	Comment	Output Voltage (V)
R599	Open	Normal operation.	AVR1:*
R601	Open	Normal operation.	AVR1:*
R602	Open	Normal operation.	AVR1:*
R603	Open	Normal operation.	AVR1:*
R604	Open	Normal operation.	AVR1:*
R605	Open	Normal operation.	AVR1:*
R606	Open	Normal operation.	AVR1:*
R607	Open	Normal operation.	AVR1:*
R608	Open	Normal operation.	AVR1:*
R609	Open	Normal operation.	AVR1:*
R610	Open	Normal operation.	AVR1:*
R611	Open	Normal operation.	AVR1:*
R612	Open	Normal operation.	AVR1:*
R613	Open	Normal operation.	AVR1:*
R614	Open	Normal operation.	AVR1:*



ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
C132	Short		Normal operation.	AVR1:*
C211	Short		No Hazard.	AVR1:0 [V]
C213	Short		No Hazard.	AVR1:0 [V]
C214	Short		No Hazard.	AVR1:0 [V]
C215	Short		No Hazard.	AVR1:0 [V]
D23	Short		Normal operation.	AVR1:*
IC101	Open	3	No Hazard.	AVR1:0 [V]
		4	No Hazard.	AVR1:0 [V]
		5	No Hazard.	AVR1:0 [V]
		6	No Hazard.	AVR1:0 [V]
	Short	3-4	No Hazard.	AVR1:0 [V]
		7-8	No Hazard.	AVR1:0 [V]
IC202	Short	1-2	No Hazard.	AVR1:0 [V]
		2-3	No Hazard.	AVR1:0 [V]
		3-4	No Hazard.	AVR1:0 [V]
		6-7	No Hazard.	AVR1:0 [V]
SS51	Open		Normal operation.	AVR1:*
SS52	Open		Normal operation.	AVR1:*
SS53	Open		Normal operation.	AVR1:*
SS54	Open		Normal operation.	AVR1:*
SS55	Open		Normal operation.	AVR1:*
T11	Open	4	External Fuse opened, No hazard.	AVR1:0 [V]
		5	External Fuse opened, No hazard.	AVR1:0 [V]
TR11	Open	D	Normal operation.	AVR1:*



ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
TR11	Open	S	Normal operation.	AVR1:*
		G	Normal operation.	AVR1:*
	Short	D-S	Normal operation.	AVR1:*
		S-G	Normal operation.	AVR1:*
		G-D	Normal operation.	AVR1:*
TR12	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	Normal operation.	AVR1:*
	Short	D-S	Normal operation.	AVR1:*
		S-G	Normal operation.	AVR1:*
		G-D	Normal operation.	AVR1:*
TR13	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	Normal operation.	AVR1:*
	Short	D-S	Normal operation.	AVR1:*
		S-G	Normal operation.	AVR1:*
		G-D	Normal operation.	AVR1:*
TR14	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	Normal operation.	AVR1:*
	Short	D-S	Normal operation.	AVR1:*
		S-G	Normal operation.	AVR1:*
		G-D	Normal operation.	AVR1:*
XTAL201	Open		No Hazard.	AVR1:0 [V]



ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
XTAL201	Short	No Hazard.	AVR1:0 [V]
R113	Open	No Hazard.	AVR1:0 [V]
R115	Open	No Hazard.	AVR1:0 [V]
R118	Open	No Hazard.	AVR1:0 [V]