



ABNORMAL TEST RESULT

OF MODEL AEA800F

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.



F M E A

Component	Mode	Comment	Output Voltage (V)
C101	Open	Normal operation.	AVR1:*
	Short	F101, F102 opened, No hazard.	AVR1:0
C102	Open	Normal operation.	AVR1:*
	Short	F101, F102 opened, No hazard.	AVR1:0
C108	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C109	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C110	Open	Normal operation.	AVR1:*
	Short	R101 opened, No hazard.	AVR1:0
C111	Open	Normal operation.	AVR1:*
	Short	R101 opened, No hazard.	AVR1:0
C112	Open	Normal operation.	AVR1:*
	Short	R101 opened, No hazard.	AVR1:0
C113	Open	Normal operation.	AVR1:*
	Short	R101 opened, No hazard.	AVR1:0
C114	Open	Normal operation.	AVR1:*
	Short	R101 opened, No hazard.	AVR1:0
C115	Open	Normal operation.	AVR1:*
	Short	R101 opened, No hazard.	AVR1:0
C116	Open	Normal operation.	AVR1:*
	Short	R101 opened, No hazard.	AVR1:0
C119	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*



F M E A

Component	Mode	Comment	Output Voltage (V)
C130	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C131	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C132	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C133	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C134	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C135	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C136	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C137	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C138	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C139	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C140	Open	Normal operation.	AVR1:*
	Short	F101, F102 opened, No hazard.	AVR1:0
C141	Open	Normal operation.	AVR1:*
	Short	F101, F102 opened, No hazard.	AVR1:0



F M E A

Component	Mode	Comment	Output Voltage (V)
C142	Open	Normal operation.	AVR1:*
	Short	F101, F102 opened, No hazard.	AVR1:0
C144	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C153	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C154	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C160	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C161	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C162	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C163	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C201	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C202	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C203	Open	Normal operation.	AVR1:*
	Short	R101 opened, No hazard.	AVR1:0
C204	Open	Normal operation.	AVR1:*
	Short	R101 opened, No hazard.	AVR1:0



F M E A

Component	Mode	Comment	Output Voltage (V)
C205	Open	Normal operation.	AVR1:*
	Short	R101 opened, No hazard.	AVR1:0
C207	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C208	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C209	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C210	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C220	Open	No hazard.	AVR1:0
	Short	No hazard.	AVR1:0
C221	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C222	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C224	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C225	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C226	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C227	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0



F M E A

Component	Mode	Comment	Output Voltage (V)
C228	Open	No hazard.	AVR1:0
	Short	No hazard.	AVR1:0
C230	Open	No hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
C231	Open	No hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
C232	Open	No hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
C233	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C234	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased, No hazard	AVR1:decreased
C235	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased, No hazard	AVR1:decreased
C236	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C237	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased, No hazard	AVR1:decreased
C238	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C239	Open	Output voltage decreased, No hazard	AVR1:decreased
	Short	Output voltage decreased, No hazard	AVR1:decreased
C240	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

F M E A

Component	Mode	Comment	Output Voltage (V)
C241	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased, No hazard	AVR1:decreased
C242	Open	No hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
C243	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased, No hazard	AVR1:decreased
C244	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C245	Open	Output voltage decreased, No hazard	AVR1:decreased
	Short	No hazard.	AVR1:0
C247	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C248	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C301	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C302	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C303	Open	Normal operation.	AVR1:*
	Short	F101, F102 opened, No hazard.	AVR1:0
C304	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C305	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*



F M E A

Component	Mode	Comment	Output Voltage (V)
C306	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C307	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C308	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C310	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C311	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C312	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C313	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C314	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C331	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C332	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C333	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C334	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0



F M E A

Component	Mode	Comment	Output Voltage (V)
C335	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C336	Open	Normal operation.	AVR1:0
	Short	Normal operation.	AVR1:0
C337	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C338	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C339	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C341	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C342	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C343	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C345	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C346	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C501	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C502	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0



F M E A

Component	Mode	Comment	Output Voltage (V)
C525	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C526	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C527	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C528	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C529	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C530	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C531	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C532	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C533	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C534	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C535	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C536	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0



F M E A

Component	Mode	Comment	Output Voltage (V)
C537	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C538	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C539	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C540	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C541	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C542	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C543	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C544	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C545	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C546	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C547	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C548	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0



F M E A

Component	Mode	Comment	Output Voltage (V)
C549	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C550	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C551	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C552	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C553	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C554	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C555	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C556	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C557	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C558	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C559	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C560	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0

F M E A

Component	Mode	Comment	Output Voltage (V)
C561	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C562	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C563	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C564	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C565	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C566	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C567	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C568	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C569	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C570	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C571	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C572	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0

F M E A

Component	Mode	Comment	Output Voltage (V)
C591	Open	No hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
C592	Open	No hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
C594	Open	No hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
C595	Open	No hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
C596	Open	No hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
C601	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C602	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased, No hazard.	AVR1:decreased
C604	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased, No hazard.	AVR1:decreased
C605	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C607	Open	Output voltage decreased, No hazard.	AVR1:decreased
	Short	Output voltage decreased, No hazard.	AVR1:decreased
C608	Open	Output voltage decreased, No hazard.	AVR1:decreased
	Short	Output voltage decreased, No hazard.	AVR1:decreased
C609	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased, No hazard.	AVR1:decreased

F M E A

Component	Mode	Comment	Output Voltage (V)
C611	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C613	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased, No hazard.	AVR1:decreased
C614 (Only -24)	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased, No hazard.	AVR1:decreased
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	Normal operation.	AVR1:*
C638	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C641	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C651	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C652	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C701	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased, No hazard.	AVR1:decreased
C702	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*



F M E A

Component	Mode	Comment	Output Voltage (V)
C703	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C705	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased, No hazard	AVR1:decreased
C711	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D101	Open	F101, F102 opened, No hazard.	AVR1:0
	Short	F101, F102 opened, No hazard.	AVR1:0
D102	Open	Normal operation.	AVR1:*
	Short	F101, F102 opened, No hazard.	AVR1:0
D201	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
D203	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
D220	Open	No hazard.	AVR1:0
	Short	No hazard.	AVR1:0
D221	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased, No hazard.	AVR1:decreased
D222	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D223	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D224	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*



F M E A

Component	Mode		Comment	Output Voltage (V)
D301	Open		No hazard.	AVR1:0
	Short		No hazard.	AVR1:0
D302	Open		No hazard.	AVR1:0
	Short		F101, F102 opened, No hazard.	AVR1:0
D304	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D305	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D306	Open		No hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
D330	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D331	Open		Normal operation.	AVR1:*
	Short		R101 opened, No hazard.	AVR1:0
D602	Open		No hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
D631	Open		No hazard.	AVR1:0
	Short		No hazard.	AVR1:0
D632	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D633	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
IC101	Open	1	No hazard.	AVR1:0
		2	Normal operation.	AVR1:*



F M E A

Component	Mode		Comment	Output Voltage (V)
IC101	Open	3	Normal operation.	AVR1:*
		4	F101, F102 opened, No hazard.	AVR1:0
		5	Normal operation.	AVR1:*
		6	No hazard.	AVR1:0
		7	No hazard.	AVR1:0
		8	No hazard.	AVR1:0
	Short	1-2	Output voltage decreased, No hazard	AVR1:decreased
		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	No hazard.	AVR1:0
IC130	Open	1	F101, F102 opened, No hazard.	AVR1:0
		2	F101, F102 opened, No hazard.	AVR1:0
		3	F101, F102 opened, No hazard.	AVR1:0
		4	F101, F102 opened, No hazard.	AVR1:0
		5	F101, F102 opened, No hazard.	AVR1:0
	Short	1-2	F101, F102 opened, No hazard.	AVR1:0
		2-3	No hazard.	AVR1:0
IC201	Open	1	Normal operation.	AVR1:*
		3	No hazard.	AVR1:0
		4	No hazard.	AVR1:0
		5	No hazard.	AVR1:0
		6	No hazard.	AVR1:0



F M E A

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

F M E A

Component	Mode		Comment	Output Voltage (V)
IC202	Short	1-2	Output voltage decreased, No hazard	AVR1: decreased
		2-3	Output voltage decreased, No hazard	AVR1: decreased
IC301	Open	1	No hazard.	AVR1: 0
		2	No hazard.	AVR1: 0
		3	No hazard.	AVR1: 0
		4	No hazard.	AVR1: 0
		5	Normal operation.	AVR1: *
		6	Normal operation.	AVR1: *
		7	Normal operation.	AVR1: *
		8	Normal operation.	AVR1: *
		10	No hazard.	AVR1: 0
		11	No hazard.	AVR1: 0
		12	R301 opened, No hazard.	AVR1: 0
	Short	1-2	No hazard.	AVR1: 0
		2-3	Normal operation.	AVR1: *
		3-4	No hazard.	AVR1: 0
		10-11	Normal operation.	AVR1: *
		11-12	See page 42.	
IC302	Open	1	No hazard.	AVR1: 0
		2	R101 opened, No hazard.	AVR1: 0
		3	Normal operation.	AVR1: *
		4	Normal operation.	AVR1: *
		5	Normal operation.	AVR1: *
		6	Normal operation.	AVR1: *



F M E A

Component	Mode		Comment	Output Voltage (V)
IC302	Open	7	Normal operation.	AVR1:*
		8	Normal operation.	AVR1:*
		9	Normal operation.	AVR1:*
		10	Output voltage decreased, No hazard	AVR1:decreased
		11	No hazard.	AVR1:0
		12	No hazard.	AVR1:0
		13	Normal operation.	AVR1:*
		14	Normal operation.	AVR1:*
		15	Normal operation.	AVR1:*
		16	Normal operation.	AVR1:*
		17	Normal operation.	AVR1:*
		18	Normal operation.	AVR1:*
		19	Normal operation.	AVR1:*
		20	Output voltage decreased, No hazard	AVR1:decreased
		21	Normal operation.	AVR1:*
		22	No hazard.	AVR1:0
		23	Normal operation.	AVR1:*
		24	Normal operation.	AVR1:*
		25	Normal operation.	AVR1:*
		26	No hazard.	AVR1:0
		27	No hazard.	AVR1:0
		28	No hazard.	AVR1:0
		29	Normal operation.	AVR1:*
		30	Normal operation.	AVR1:*

F M E A

Component	Mode		Comment	Output Voltage (V)
IC302	Short	1-2	Normal operation.	AVR1:*
		2-3	No hazard.	AVR1:0
		3-4	Normal operation.	AVR1:*
		4-5	No hazard.	AVR1:0
		5-6	Normal operation.	AVR1:*
		6-7	Normal operation.	AVR1:*
		7-8	Normal operation.	AVR1:*
		8-9	Normal operation.	AVR1:*
		9-10	No hazard.	AVR1:0
		10-11	Output voltage decreased, No hazard	AVR1:decreased
		11-12	No hazard.	AVR1:0
		12-13	Normal operation.	AVR1:*
		13-14	Normal operation.	AVR1:*
		14-15	Normal operation.	AVR1:*
		16-17	Normal operation.	AVR1:*
		17-18	Normal operation.	AVR1:*
		18-19	Normal operation.	AVR1:*
		19-20	Output voltage decreased, No hazard	AVR1:decreased
		20-21	Output voltage decreased, No hazard	AVR1:decreased
		21-22	No hazard.	AVR1:0
		22-23	No hazard.	AVR1:0
		23-24	Normal operation.	AVR1:*
		24-25	Normal operation.	AVR1:*
		25-26	Normal operation.	AVR1:*



F M E A

Component	Mode		Comment	Output Voltage (V)
IC302	Short	26-27	No hazard.	AVR1:0
		27-28	No hazard.	AVR1:0
		28-29	No hazard.	AVR1:0
		29-30	Normal operation.	AVR1:*
IC303	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	Normal operation.	AVR1:*
		4	Normal operation.	AVR1:*
		5	Normal operation.	AVR1:*
		6	Normal operation.	AVR1:*
		7	Normal operation.	AVR1:*
		8	No hazard.	AVR1:0
	Short	1-2	Normal operation.	AVR1:*
		2-3	No hazard.	AVR1:0
		3-4	Normal operation.	AVR1:*
		5-6	Normal operation.	AVR1:*
		6-7	Normal operation.	AVR1:*
		7-8	No hazard.	AVR1:0
IC501	Open	1	Normal operation.	AVR1:*
		2	No hazard.	AVR1:0
		3	Output voltage decreased, No hazard	AVR1:decreased
		4	No hazard.	AVR1:0
		5	No hazard.	AVR1:0
		6	No hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
IC501	Open	7	Normal operation.	AVR1:*
		8	No hazard.	AVR1:0
	Short	1-2	Normal operation.	AVR1:*
		2-3	Output voltage decreased, No hazard	AVR1:decreased
		3-4	Normal operation.	AVR1:*
		5-6	No hazard.	AVR1:0
		6-7	Normal operation.	AVR1:*
		7-8	No hazard.	AVR1:0
IC502	Open	1	Normal operation.	AVR1:*
		2	No hazard.	AVR1:0
		3	Output voltage decreased, No hazard	AVR1:decreased
		4	No hazard.	AVR1:0
		5	No hazard.	AVR1:0
		6	No hazard.	AVR1:0
		7	Normal operation.	AVR1:*
		8	No hazard.	AVR1:0
	Short	1-2	Normal operation.	AVR1:*
		2-3	Output voltage decreased, No hazard	AVR1:decreased
		3-4	Normal operation.	AVR1:*
		5-6	No hazard.	AVR1:0
		6-7	Normal operation.	AVR1:*
		7-8	No hazard.	AVR1:0
IC601	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*

F M E A

Component	Mode		Comment	Output Voltage (V)
IC601	Open	3	No hazard.	AVR1:0
		4	No hazard.	AVR1:0
		5	No hazard.	AVR1:0
	Short	2-3	Output voltage decreased, No hazard.	AVR1:decreased
IC602	Open	1	No hazard.	AVR1:0
		2	No hazard.	AVR1:0
		3	No hazard.	AVR1:0
		4	No hazard.	AVR1:0
		5	No hazard.	AVR1:0
	Short	1-2	No hazard.	AVR1:0
		2-3	No hazard.	AVR1:0
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	Normal operation.	AVR1:*
		2-3	F101, F102 opened, No hazard.	AVR1:0
		3-4	Normal operation.	AVR1:*
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	Normal operation.	AVR1:*
		2-3	F101, F102 opened, No hazard.	AVR1:0



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Component	Mode		Comment	Output Voltage (V)
L102	Short	3-4	Normal operation.	AVR1:*
L103	Open		No hazard.	AVR1:0
	Short		F101, F102 opened, No hazard.	AVR1:0
L104	Open		F101, F102 opened, No hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
L105	Open		F101, F102 opened, No hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
L301	Open		No hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
L501	Open		No hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
PC201	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
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	Normal operation.	AVR1:*
PTH331	Open		No hazard.	AVR1:0



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Component	Mode	Comment	Output Voltage (V)
PTH331	Short	Normal operation.	AVR1:*
PTH651	Open	No hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
PTH652	Open	No hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
R101	Open	Normal operation.	AVR1:*
R103	Open	Normal operation.	AVR1:*
R104	Open	Normal operation.	AVR1:*
R105	Open	Normal operation.	AVR1:*
R106	Open	Normal operation.	AVR1:*
R107	Open	Normal operation.	AVR1:*
R108	Open	Normal operation.	AVR1:*
R109	Open	Normal operation.	AVR1:*
R110	Open	Normal operation.	AVR1:*
R111	Open	Normal operation.	AVR1:*
R112	Open	Normal operation.	AVR1:*
R113	Open	Normal operation.	AVR1:*
R114	Open	Normal operation.	AVR1:*
R115	Open	Normal operation.	AVR1:*
R116	Open	F101, F102 opened, No hazard.	AVR1:0
R117	Open	F101, F102 opened, No hazard.	AVR1:0
R119	Open	No hazard.	AVR1:0
R130	Open	Normal operation.	AVR1:*
R131	Open	Normal operation.	AVR1:*



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Component	Mode	Comment	Output Voltage (V)
R132	Open	Normal operation.	AVR1:*
R133	Open	Normal operation.	AVR1:*
R134	Open	No hazard.	AVR1:0
R135	Open	No hazard.	AVR1:0
R136	Open	No hazard.	AVR1:0
R137	Open	No hazard.	AVR1:0
R138	Open	No hazard.	AVR1:0
R139	Open	No hazard.	AVR1:0
R140	Open	No hazard.	AVR1:0
R141	Open	Normal operation.	AVR1:*
R142	Open	Normal operation.	AVR1:*
R143	Open	Normal operation.	AVR1:*
R144	Open	No hazard.	AVR1:0
R145	Open	Normal operation.	AVR1:*
R146	Open	Normal operation.	AVR1:*
R147	Open	Normal operation.	AVR1:*
R149	Open	Normal operation.	AVR1:*
R152	Open	F101, F102 opened, No hazard.	AVR1:0
R153	Open	F101, F102 opened, No hazard.	AVR1:0
R154	Open	Normal operation.	AVR1:*
R155	Open	F101, F102 opened, No hazard.	AVR1:0
R156	Open	F101, F102 opened, No hazard.	AVR1:0
R157	Open	F101, F102 opened, No hazard.	AVR1:0
R161	Open	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
R162	Open	Normal operation.	AVR1:*
R201	Open	No hazard.	AVR1:0
R202	Open	Normal operation.	AVR1:*
R204	Open	No hazard.	AVR1:0
R205	Open	Normal operation.	AVR1:*
R220	Open	No hazard.	AVR1:0
R221	Open	No hazard.	AVR1:0
R224	Open	Normal operation.	AVR1:*
R225	Open	No hazard.	AVR1:0
R226	Open	Normal operation.	AVR1:*
R227	Open	Normal operation.	AVR1:*
R228	Open	Normal operation.	AVR1:*
R229	Open	Normal operation.	AVR1:*
R230	Open	No hazard.	AVR1:0
R232	Open	Normal operation.	AVR1:*
R233	Open	No hazard.	AVR1:0
R235	Open	Normal operation.	AVR1:*
R236	Open	Normal operation.	AVR1:*
R237	Open	Output voltage decreased, No hazard	AVR1:decreased
R238	Open	Normal operation.	AVR1:*
R239	Open	Normal operation.	AVR1:*
R240	Open	Output voltage decreased, No hazard	AVR1:decreased
R241	Open	Normal operation.	AVR1:*
R242	Open	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
R243	Open	Normal operation.	AVR1:*
R248	Open	Output voltage decreased, No hazard	AVR1:decreased
R249	Open	No hazard.	AVR1:0
R301	Open	No hazard.	AVR1:0
R302	Open	No hazard.	AVR1:0
R303	Open	No hazard.	AVR1:0
R304	Open	No hazard.	AVR1:0
R305	Open	No hazard.	AVR1:0
R306	Open	Normal operation.	AVR1:*
R307	Open	Normal operation.	AVR1:*
R308	Open	Normal operation.	AVR1:*
R309	Open	Normal operation.	AVR1:*
R310	Open	Normal operation.	AVR1:*
R311	Open	No hazard.	AVR1:0
R313	Open	R301 opened, No hazard.	AVR1:0
R314	Open	R301 opened, No hazard.	AVR1:0
R315	Open	R301 opened, No hazard.	AVR1:0
R316	Open	Normal operation.	AVR1:*
R318	Open	Normal operation.	AVR1:*
R319	Open	Normal operation.	AVR1:*
R320	Open	No hazard.	AVR1:0
R321	Open	No hazard.	AVR1:0
R331	Open	Normal operation.	AVR1:*
R332	Open	Normal operation.	AVR1:*



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Component	Mode	Comment	Output Voltage (V)
R333	Open	Normal operation.	AVR1:*
R336	Open	Normal operation.	AVR1:*
R337	Open	Normal operation.	AVR1:*
R338	Open	Normal operation.	AVR1:*
R339	Open	Normal operation.	AVR1:*
R341	Open	Normal operation.	AVR1:*
R342	Open	Normal operation.	AVR1:*
R344	Open	Normal operation.	AVR1:*
R345	Open	Normal operation.	AVR1:*
R346	Open	Normal operation.	AVR1:*
R347	Open	No hazard.	AVR1:0
R348	Open	Normal operation.	AVR1:*
R349	Open	Normal operation.	AVR1:*
R350	Open	Normal operation.	AVR1:*
R351	Open	No hazard.	AVR1:0
R352	Open	No hazard.	AVR1:0
R353	Open	No hazard.	AVR1:0
R354	Open	No hazard.	AVR1:0
R355	Open	Normal operation.	AVR1:*
R356	Open	No hazard.	AVR1:0
R357	Open	No hazard.	AVR1:0
R358	Open	No hazard.	AVR1:0
R359	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:*
R363	Open	No hazard.	AVR1:0
R364	Open	Normal operation.	AVR1:*
R501	Open	No hazard.	AVR1:0
R502	Open	No hazard.	AVR1:0
R504	Open	No hazard.	AVR1:0
R505	Open	No hazard.	AVR1:0
R507	Open	Normal operation.	AVR1:*
R508	Open	Normal operation.	AVR1:*
R509	Open	No hazard.	AVR1:0
R510	Open	Normal operation.	AVR1:*
R511	Open	No hazard.	AVR1:0
R512	Open	Normal operation.	AVR1:*
R514	Open	No hazard.	AVR1:0
R521	Open	Normal operation.	AVR1:*
R522	Open	Normal operation.	AVR1:*
R523	Open	Normal operation.	AVR1:*
R601	Open	No hazard.	AVR1:0
R602	Open	No hazard.	AVR1:0
R604	Open	No hazard.	AVR1:0
R605	Open	No hazard.	AVR1:0
R606	Open	Output voltage decreased, No hazard	AVR1:decreased
R608	Open	No hazard.	AVR1:0
R609	Open	No hazard.	AVR1:0

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Component	Mode	Comment	Output Voltage (V)
R610	Open	No hazard.	AVR1:0
R611	Open	Normal operation.	AVR1:*
R613	Open	No hazard.	AVR1:0
R615	Open	Normal operation.	AVR1:*
R618	Open	No hazard.	AVR1:0
R619	Open	No hazard.	AVR1:0
R620	Open	Output voltage decreased, No hazard	AVR1:decreased
R621	Open	Output voltage decreased, No hazard	AVR1:decreased
R622	Open	Output voltage decreased, No hazard	AVR1:decreased
R623	Open	Normal operation.	AVR1:*
R624	Open	No hazard.	AVR1:0
R632	Open	No hazard.	AVR1:0
R641	Open	No hazard.	AVR1:0
R642	Open	No hazard.	AVR1:0
R643	Open	No hazard.	AVR1:0
R644	Open	Normal operation.	AVR1:*
R645	Open	Normal operation.	AVR1:*
R648	Open	Normal operation.	AVR1:*
R651	Open	Normal operation.	AVR1:*
R652	Open	Normal operation.	AVR1:*
R653	Open	Normal operation.	AVR1:*
R701	Open	Normal operation.	AVR1:*
R702	Open	Normal operation.	AVR1:*
R704	Open	Output voltage increased, No hazard	AVR1:increased



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Component	Mode		Comment	Output Voltage (V)
R705	Open		Normal operation.	AVR1:*
R706	Open		Output voltage increased, No hazard	AVR1:increased
R707	Open		Output voltage increased, No hazard	AVR1:increased
R709	Open		Normal operation.	AVR1:*
SS101	Open		No hazard.	AVR1:0
	Short		F101, F102 opened, No hazard.	AVR1:0
SS102	Open		No hazard.	AVR1:0
	Short		F101, F102 opened, No hazard.	AVR1:0
SS220	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
T201	Open	1	No hazard.	AVR1:0
		2	No hazard.	AVR1:0
		6	No hazard.	AVR1:0
		7	No hazard.	AVR1:0
		8	No hazard.	AVR1:0
		9	No hazard.	AVR1:0
	Short	1-2	No hazard.	AVR1:0
		6-7	No hazard.	AVR1:0
		7-8	Normal operation.	AVR1:*
		8-9	No hazard.	AVR1:0
T301	Open	1	No hazard.	AVR1:0
		2	No hazard.	AVR1:0
		3	No hazard.	AVR1:0
		4	No hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
T301	Open	5	No hazard.	AVR1:0
		6	No hazard.	AVR1:0
		7	Normal operation.	AVR1:*
		8	Normal operation.	AVR1:*
	Short	1-2	No hazard.	AVR1:0
		2-3	No hazard.	AVR1:0
		3-4	R301 opened, No hazard.	AVR1:0
		5-6	No hazard.	AVR1:0
		6-7	Normal operation.	AVR1:*
		7-8	No hazard.	AVR1:0
TR101	Open	D	No hazard.	AVR1:0
		S	No hazard.	AVR1:0
		G	F101, F102 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	No hazard.	AVR1:0
		S	No hazard.	AVR1:0
		G	F101, F102 opened, No hazard.	AVR1:0
	Short	D-S	See page 42.	
		S-G	No hazard.	AVR1:0
		G-D	See page 42.	
TR104	Open	C	Normal operation.	AVR1:*
		E	No hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
TR104	Open	B	No hazard.	AVR1:0
	Short	C-E	Normal operation.	AVR1:*
		E-B	Normal operation.	AVR1:*
		B-C	F101, F102 opened, No hazard.	AVR1:0
TR105	Open	C	Normal operation.	AVR1:*
		E	F101, F102 opened, No hazard.	AVR1:0
		B	F101, F102 opened, No hazard.	AVR1:0
	Short	C-E	No hazard.	AVR1:0
		E-B	Normal operation.	AVR1:*
		B-C	No hazard.	AVR1:0
TR130	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:*
TR131	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
TR201	Open	D	No hazard.	AVR1:0
		S	No hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
TR201	Open	G	No hazard.	AVR1:0
	Short	D-S	See page 42.	
		S-G	No hazard.	AVR1:0
		G-D	See page 42.	
TR203	Open	D	No hazard.	AVR1:0
		S	No hazard.	AVR1:0
		G	No hazard.	AVR1:0
	Short	D-S	See page 42.	
		S-G	No hazard.	AVR1:0
		G-D	See page 42.	
TR222	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	Normal operation.	AVR1:*
	Short	D-S	No hazard.	AVR1:0
		S-G	Normal operation.	AVR1:*
		G-D	No hazard.	AVR1:0
TR332	Open	D	No hazard.	AVR1:0
		S	No hazard.	AVR1:0
		G	No hazard.	AVR1:0
	Short	D-S	Normal operation.	AVR1:*
		S-G	No hazard.	AVR1:0
		G-D	Normal operation.	AVR1:*
TR501	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*



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Component	Mode		Comment	Output Voltage (V)
TR501	Open	G	No hazard.	AVR1:0
	Short	D-S	No hazard.	AVR1:0
		S-G	Normal operation.	AVR1:*
		G-D	No hazard.	AVR1:0
TR502	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
TR504	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
TR505	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
TR601	Open	C	No hazard.	AVR1:0
		E	No hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
TR601	Open	B	No hazard.	AVR1:0
	Short	C-E	No hazard.	AVR1:0
		E-B	Normal operation.	AVR1:*
		B-C	No hazard.	AVR1:0
TR631	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	No hazard.	AVR1:0
TR642	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
TR651	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
TR701	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
TR701	Open	B	Normal operation.	AVR1:*
	Short	C-E	Normal operation.	AVR1:*
		E-B	Normal operation.	AVR1:*
		B-C	Normal operation.	AVR1:*
TR702	Open	1 (1)	Output voltage decreased, No hazard	AVR1:decreased
		1 (2)	Output voltage decreased, No hazard	AVR1:decreased
		2 (3)	Output voltage increased, No hazard	AVR1:increased
		2 (4)	Output voltage increased, No hazard	AVR1:increased
		2 (5)	Output voltage increased, No hazard	AVR1:increased
		1 (6)	Output voltage decreased, No hazard	AVR1:decreased
	Short	1-1 (1-2)	Output voltage increased, No hazard	AVR1:increased
		1-2 (2-3)	Output voltage decreased, No hazard	AVR1:decreased
		2-2 (4-5)	Output voltage increased, No hazard	AVR1:increased
		2-1 (5-6)	Normal operation.	AVR1:*
TR703	Open	D	Output voltage increased, No hazard	AVR1:increased
		S	Output voltage increased, No hazard	AVR1:increased
		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
VR601	Open	brush	Output voltage decreased, No hazard	AVR1:decreased
			Output voltage decreased, No hazard	AVR1:decreased
	Short		Output voltage increased, No hazard	AVR1:increased
X101	Open	1	R101 opened, No hazard.	AVR1:0



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Component	Mode		Comment	Output Voltage (V)
X101	Open	2	R101 opened, No hazard.	AVR1:0
	Short	1-2	R101 opened, No hazard.	AVR1:0
ZD130	Open		F101, F102 opened, No hazard.	AVR1:0
	Short		F101, F102 opened, No hazard.	AVR1:0
ZD220	Open		Normal operation.	AVR1:*
	Short		No hazard.	AVR1:0
ZD330	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
ZD601	Open		No hazard.	AVR1:0
	Short		No hazard.	AVR1:0
ZD631	Open		Normal operation.	AVR1:*
	Short		No hazard.	AVR1:0
ZD641	Open		Normal operation.	AVR1:*
	Short		No hazard.	AVR1:0
ZD642	Open		Normal operation.	AVR1:*
	Short		No hazard.	AVR1:0
ZD651	Open		Normal operation.	AVR1:*
	Short		No hazard.	AVR1:0
ZD652	Open		Normal operation.	AVR1:*
	Short		No hazard.	AVR1:0
ZD701	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
ZD702	Open		Normal operation.	AVR1:*
	Short		Output voltage decreased, No hazard	AVR1:decreased



ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
IC301	Short	11-12	No hazard.	AVR1:0
TR101	Short	D-S	F101, F102 opened, No hazard.	AVR1:0
		G-D	F101, F102 opened, No hazard.	AVR1:0
TR102	Short	D-S	F101, F102 opened, No hazard.	AVR1:0
		G-D	F101, F102 opened, No hazard.	AVR1:0
TR201	Short	D-S	F101, F102 opened, No hazard.	AVR1:0
		G-D	F101, F102 opened, No hazard.	AVR1:0
TR203	Short	D-S	F101, F102 opened, No hazard.	AVR1:0
		G-D	F101, F102 opened, No hazard.	AVR1:0