

ABNORMAL TEST RESULT

OF MODEL SFLS1048

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 : 2/25 ~ 21/25)

(Abnormal Test Result: 22/25 ~ 25/25)

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.	
	Short	External Fuse opened, No hazard.	AVR1:0
C102	Open	Normal operation.	
	Short	External Fuse opened or L101 opened, No hazard.	AVR1:0
C106	Open	Normal operation.	
	Short	Normal operation.	
C107	Open	Normal operation.	
	Short	Normal operation.	
C108	Open	Normal operation.	
	Short	Normal operation.	
C111	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C112	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C113	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C151	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C152	Open	No Hazard.	AVR1:0
	Short	See 22 Page.	
C201	Open	Normal operation.	
	Short	Normal operation.	
C202	Open	Normal operation.	
	Short	No Hazard.	AVR1:0

F M E A

Component	Mode	Comment	Output Voltage (V)
C203	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C204	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C221	Open	Normal operation.	
	Short	Normal operation.	
C222	Open	Normal operation.	
	Short	Normal operation.	
C223	Open	Normal operation.	
	Short	Normal operation.	
C224	Open	Normal operation.	
	Short	Normal operation.	
C225	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C226	Open	Normal operation.	
	Short	Normal operation.	
C301	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0
C303	Open	See 22 Page.	
	Short	No Hazard.	AVR1:0
C311	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0
C312	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0

F M E A

Component	Mode		Comment	Output Voltage (V)
C313	Open		No Hazard.	AVR1:0
	Short		See 22 Page.	
C314	Open		See 22 Page.	
	Short		No Hazard.	AVR1:0
C331	Open		See 22 Page.	
	Short		See 22 Page.	
C333	Open		See 22 Page.	
	Short		No Hazard.	AVR1:0
C341	Open		Normal operation.	
	Short		No Hazard.	AVR1:0
C342	Open		Normal operation.	
	Short		No Hazard.	AVR1:0
C352	Open		Normal operation.	
	Short		Normal operation.	
C361	Open	only 1R2, 1R5	Normal operation.	
	Short	only 1R2, 1R5	Normal operation.	
C381	Open		See 22 Page.	
	Short		No Hazard.	AVR1:0
C401	Open		Normal operation.	
	Short		Normal operation.	
C421	Open		Normal operation.	
	Short		Normal operation.	
C501	Open	except 05	Normal operation.	
	Short	except 05	No Hazard.	AVR1:0

F M E A

Component	Mode		Comment	Output Voltage (V)
C502	Open		Normal operation.	
	Short		No Hazard.	AVR1:0
C503	Open		Normal operation.	
	Short		No Hazard.	AVR1:0
C504	Open		Normal operation.	
	Short		No Hazard.	AVR1:0
C506	Open		Normal operation.	
	Short		No Hazard.	AVR1:0
C511	Open	except 2R5, 05	Normal operation.	
	Short	except 2R5, 05	No Hazard.	AVR1:0
C512	Open	only 05	Normal operation.	
	Short	only 05	No Hazard.	AVR1:0
C551	Open		See 22 Page.	
	Short		See 22 Page.	
C601	Open		See 22 Page.	
	Short		No Hazard.	AVR1:0
D111	Open		No Hazard.	AVR1:0
	Short		Normal operation.	
D201	Open		Normal operation.	
	Short		Normal operation.	
D221	Open		Normal operation.	
	Short		No Hazard.	AVR1:0
D301	Open		See 22 Page.	
	Short		See 22 Page.	

F M E A

Component	Mode		Comment	Output Voltage (V)
D311	Open		Normal operation.	
	Short		See 22 Page.	
D401	Open		Normal operation.	
	Short		Normal operation.	
D402	Open		Normal operation.	
	Short		No Hazard.	AVR1:0
D511	Open	only 05	Normal operation.	
	Short	only 05	Normal operation.	
D551	Open	only 1R2, 1R5	Normal operation.	
	Short	only 1R2, 1R5	See 22 Page.	
D601	Open		See 22 Page.	
	Short		See 22 Page.	
D602	Open		Normal operation.	
	Short		Normal operation.	
IC301	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	See 22 Page.	
		2-3	No Hazard.	AVR1:0
		4-5	No Hazard.	AVR1:0
IC302	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0

F M E A

Component	Mode		Comment	Output Voltage (V)
IC302	Open	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	No Hazard.	AVR1:0
L101	Open		No Hazard.	AVR1:0
	Short		Normal operation.	
L111	Open		No Hazard.	AVR1:0
	Short		No Hazard.	AVR1:0
SS111	Open	cathode	No Hazard.	AVR1:0
		A(T101-6pin side)	No Hazard.	AVR1:0
		A(R115 side)	No Hazard.	AVR1:0
	Short	A-A	No Hazard.	AVR1:0
		A(T101-6pin side)-K	No Hazard.	AVR1:0
		A(R115 side)-K	No Hazard.	AVR1:0
SS651	Open	cathode	No Hazard.	AVR1:0
		A(T101-13pin side)	No Hazard.	AVR1:0

F M E A

Component	Mode		Comment	Output Voltage (V)
SS651	Open	A(T101-14pin side)	Normal operation.	
	Short	A-A	No Hazard.	AVR1:0
		A(T101-13pin side)-K	No Hazard.	AVR1:0
		A(T101-14pin side)-K	No Hazard.	AVR1:0
TR101	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	No Hazard.	AVR1:0
	Short	D-S	See 22 Page.	
		S-G	See 22 Page.	
		G-D	See 22 Page.	
TR111	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	See 22 Page.	
		E-B	Normal operation.	
		B-C	See 22 Page.	
TR112	Open	C	See 22 Page.	
		E	See 23 Page.	
		B	See 23 Page.	
	Short	C-E	No Hazard.	AVR1:0
		E-B	Normal operation.	
		B-C	No Hazard.	AVR1:0
TR113	Open	C(3)	Normal operation.	
		E(4)	Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage (V)
TR113	Open	B(5)	Normal operation.	
	Short	C(3)-E(4)	No Hazard.	AVR1:0
		E(4)-B(5)	Normal operation.	
		B(5)-C(3)	No Hazard.	AVR1:0
	Open	C(6)	No Hazard.	AVR1:0
		E(1)	No Hazard.	AVR1:0
		B(2)	No Hazard.	AVR1:0
	Short	C(6)-E(1)	See 23 Page.	
		E(1)-B(2)	No Hazard.	AVR1:0
		B(2)-C(6)	See 23 Page.	
		2-3	Normal operation.	
		5-6	Normal operation.	
TR151	Open	D(3)	No Hazard.	AVR1:0
		S(4)	No Hazard.	AVR1:0
		G(5)	No Hazard.	AVR1:0
		D(6)	See 23 Page.	
		S(1)	See 23 Page.	
		G(2)	See 23 Page.	
	Short	D(3)-S(4)	See 23 Page.	
		S(4)-G(5)	See 23 Page.	
		G(5)-D(3)	See 23 Page.	
		D(6)-S(1)	No Hazard.	AVR1:0
		S(1)-G(2)	See 23 Page.	
		G(2)-D(6)	No Hazard.	AVR1:0

F M E A

Component	Mode		Comment	Output Voltage (V)
TR151	Short	2-3	No Hazard.	AVR1:0
		5-6	See 23 Page.	
TR201	Open	C(3)	Normal operation.	
		E(4)	Normal operation.	
		B(5)	Normal operation.	
	Short	C(3)-E(4)	No Hazard.	AVR1:0
		E(4)-B(5)	Normal operation.	
		B(5)-C(3)	No Hazard.	AVR1:0
	Open	C(6)	Normal operation.	
		E(1)	Normal operation.	
		B(2)	Normal operation.	
	Short	C(6)-E(1)	No Hazard.	AVR1:0
		E(1)-B(2)	Normal operation.	
		B(2)-C(6)	No Hazard.	AVR1:0
		2-3	Normal operation.	
		5-6	Normal operation.	
TR202	Open	C(3)	Normal operation.	
		E(4)	Normal operation.	
		B(5)	Normal operation.	
	Short	C(3)-E(4)	No Hazard.	AVR1:0
		E(4)-B(5)	Normal operation.	
		B(5)-C(3)	No Hazard.	AVR1:0
	Open	C(6)	Normal operation.	
		E(1)	Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage (V)
TR202	Open	B(2)	Normal operation.	
	Short	C(6)-E(1)	Normal operation.	
		E(1)-B(2)	Normal operation.	
		B(2)-C(6)	Normal operation.	
		2-3	Normal operation.	
		5-6	Normal operation.	
TR203	Open	C(3)	Normal operation.	
		E(4)	Normal operation.	
		B(5)	Normal operation.	
	Short	C(3)-E(4)	No Hazard.	AVR1:0
		E(4)-B(5)	Normal operation.	
		B(5)-C(3)	Normal operation.	
	Open	C(6)	No Hazard.	AVR1:0
		E(1)	No Hazard.	AVR1:0
		B(2)	No Hazard.	AVR1:0
	Short	C(6)-E(1)	Normal operation.	
		E(1)-B(2)	No Hazard.	AVR1:0
		B(2)-C(6)	Normal operation.	
		2-3	No Hazard.	AVR1:0
		5-6	Normal operation.	
TR222	Open	C(3)	Normal operation.	
		E(4)	Normal operation.	
		B(5)	Normal operation.	
	Short	C(3)-E(4)	No Hazard.	AVR1:0

F M E A

Component	Mode		Comment	Output Voltage (V)
TR222	Short	E (4) -B (5)	Normal operation.	
		B (5) -C (3)	No Hazard.	AVR1:0
	Open	C (6)	Normal operation.	
		E (1)	Normal operation.	
		B (2)	Normal operation.	
	Short	C (6) -E (1)	No Hazard.	AVR1:0
		E (1) -B (2)	Normal operation.	
		B (2) -C (6)	No Hazard.	AVR1:0
		2-3	Normal operation.	
		5-6	Normal operation.	
TR311	Open	C (3)	Normal operation.	
		E (4)	No Hazard.	AVR1:0
		B (5)	No Hazard.	AVR1:0
	Short	C (3) -E (4)	Normal operation.	
		E (4) -B (5)	Normal operation.	
		B (5) -C (3)	Normal operation.	
	Open	C (6)	No Hazard.	AVR1:0
		E (1)	No Hazard.	AVR1:0
		B (2)	No Hazard.	AVR1:0
	Short	C (6) -E (1)	No Hazard.	AVR1:0
		E (1) -B (2)	No Hazard.	AVR1:0
		B (2) -C (6)	No Hazard.	AVR1:0
		2-3	No Hazard.	AVR1:0
		5-6	Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage (V)
TR312	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	No Hazard.	AVR1:0
TR331	Open	C (3)	No Hazard.	AVR1:0
		E (4)	No Hazard.	AVR1:0
		B (5)	No Hazard.	AVR1:0
	Short	C (3) - E (4)	No Hazard.	AVR1:0
		E (4) - B (5)	No Hazard.	AVR1:0
		B (5) - C (3)	No Hazard.	AVR1:0
	Open	C (6)	No Hazard.	AVR1:0
		E (1)	No Hazard.	AVR1:0
		B (2)	No Hazard.	AVR1:0
	Short	C (6) - E (1)	No Hazard.	AVR1:0
		E (1) - B (2)	No Hazard.	AVR1:0
		B (2) - C (6)	No Hazard.	AVR1:0
		2-3	No Hazard.	AVR1:0
		5-6	No Hazard.	AVR1:0
TR332	Open	C	No Hazard.	AVR1:0
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
TR332	Short	E-B	See 23 Page.	
		B-C	No Hazard.	AVR1:0
TR351	Open	C (3)	No Hazard.	AVR1:0
		E (4)	No Hazard.	AVR1:0
		B (5)	No Hazard.	AVR1:0
	Short	C (3)-E (4)	Normal operation.	
		E (4)-B (5)	No Hazard.	AVR1:0
		B (5)-C (3)	No Hazard.	AVR1:0
	Open	C (6)	Normal operation.	
		E (1)	Normal operation.	
		B (2)	Normal operation.	
	Short	C (6)-E (1)	No Hazard.	AVR1:0
		E (1)-B (2)	Normal operation.	
		B (2)-C (6)	No Hazard.	AVR1:0
		2-3	Normal operation.	
		5-6	No Hazard.	AVR1:0
TR352	Open	C	No Hazard.	AVR1:0
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	Normal operation.	
		E-B	No Hazard.	AVR1:0
		B-C	No Hazard.	AVR1:0
TR361	Open	D only 1R2, 1R5	Output voltage decreased. No hazard.	AVR1:decreased
		S only 1R2, 1R5	Output voltage decreased. No hazard.	AVR1:decreased

F M E A

Component	Mode		Comment	Output Voltage (V)
TR361	Open	G only 1R2, 1R5	Output voltage decreased. No hazard.	AVR1:decreased
	Short	D-S only 1R2, 1R5	Output voltage decreased. No hazard.	AVR1:decreased
		S-G only 1R2, 1R5	No Hazard.	AVR1:0
		G-D only 1R2, 1R5	No Hazard.	AVR1:0
TR381	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	No Hazard.	AVR1:0
	Short	D-S	No Hazard.	AVR1:0
		S-G	No Hazard.	AVR1:0
		G-D	See 23 Page.	
TR401	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	AVR1:0
		E-B	Normal operation.	
		B-C	No Hazard.	AVR1:0
TR402	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	AVR1:0
		E-B	Normal operation.	
		B-C	No Hazard.	AVR1:0
TR501	Open	D	See 23 Page.	
		S	See 23 Page.	

F M E A

Component	Mode		Comment	Output Voltage (V)
TR501	Open	G	See 23 Page.	
	Short	D-S	See 23 Page.	
		S-G	See 23 Page.	
		G-D	See 23 Page.	
TR502	Open	D	See 23 Page.	
		S	See 23 Page.	
		G	See 23 Page.	
	Short	D-S	See 23 Page.	
		S-G	See 24 Page.	
		G-D	See 24 Page.	
TR601	Open	D(3)	See 24 Page.	
		S(4)	See 24 Page.	
		G(5)	See 24 Page.	
	Short	D(3)-S(4)	See 24 Page.	
		S(4)-G(5)	See 24 Page.	
		G(5)-D(3)	See 24 Page.	
	Open	D(6)	Normal operation.	
		S(1)	Normal operation.	
		G(2)	See 24 Page.	
	Short	D(6)-S(1)	See 24 Page.	
		S(1)-G(2)	Normal operation.	
		G(2)-D(6)	See 24 Page.	
		2-3	Normal operation.	
		5-6	See 24 Page.	

F M E A

Component	Mode		Comment	Output Voltage (V)
TR602	Open	D	See 24 Page.	
		S	See 24 Page.	
		G	See 24 Page.	
	Short	D-S	Normal operation.	
		S-G	See 24 Page.	
		G-D	Normal operation.	
ZD111	Open		No Hazard.	AVR1:0
	Short		No Hazard.	AVR1:0
ZD112	Open		See 24 Page.	
	Short		No Hazard.	AVR1:0
ZD151	Open		Normal operation.	
	Short		See 24 Page.	
ZD201	Open		No Hazard.	AVR1:0
	Short		No Hazard.	AVR1:0
ZD221	Open		Normal operation.	
	Short		See 24 Page.	
ZD401	Open		Normal operation.	
	Short		No Hazard.	AVR1:0
ZD601	Open		See 24 Page.	
	Short		See 24 Page.	
ZD602	Open	except 3R3, 05	Normal operation.	
	Short	except 3R3, 05	See 24 Page.	
R101	Open		No Hazard.	AVR1:0
R111	Open		Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage (V)
R112	Open		No Hazard.	AVR1:0
R113	Open		No Hazard.	AVR1:0
R114	Open		Normal operation.	
R115	Open		Normal operation.	
R116	Open		Normal operation.	
R117	Open	except 1R5	No Hazard.	AVR1:0
R118	Open	only 1R5	No Hazard.	AVR1:0
R124	Open		No Hazard.	AVR1:0
R125	Open		No Hazard.	AVR1:0
R126	Open		No Hazard.	AVR1:0
R151	Open		Normal operation.	
R152	Open		No Hazard.	AVR1:0
R153	Open		See 24 Page.	
R154	Open		Normal operation.	
R155	Open		Normal operation.	
R201	Open		No Hazard.	AVR1:0
R202	Open		No Hazard.	AVR1:0
R203	Open		Normal operation.	
R204	Open		No Hazard.	AVR1:0
R205	Open		Normal operation.	
R206	Open		Normal operation.	
R207	Open		Normal operation.	
R208	Open		Normal operation.	
R209	Open		No Hazard.	AVR1:0

F M E A

Component	Mode	Comment	Output Voltage (V)
R210	Open	Normal operation.	
R211	Open	Normal operation.	
R212	Open	Normal operation.	
R213	Open	Normal operation.	
R214	Open	Normal operation.	
R215	Open	No Hazard.	AVR1:0
R216	Open	No Hazard.	AVR1:0
R221	Open	Normal operation.	
R222	Open	Normal operation.	
R223	Open	Normal operation.	
R224	Open	No Hazard.	AVR1:0
R225	Open	Normal operation.	
R226	Open	No Hazard.	AVR1:0
R227	Open	Normal operation.	
R301	Open	See 24 Page.	
R302	Open	See 25 Page.	
R303	Open	See 25 Page.	
R304	Open	No Hazard.	AVR1:0
R305	Open	See 25 Page.	
R311	Open	No Hazard.	AVR1:0
R312	Open	No Hazard.	AVR1:0
R313	Open	No Hazard.	AVR1:0
R314	Open	No Hazard.	AVR1:0
R315	Open	No Hazard.	AVR1:0

F M E A

Component	Mode		Comment	Output Voltage (V)
R316	Open		No Hazard.	AVR1:0
R321	Open		No Hazard.	AVR1:0
R322	Open		No Hazard.	AVR1:0
R323	Open		No Hazard.	AVR1:0
R325	Open		Normal operation.	
R331	Open		Normal operation.	
R332	Open		No Hazard.	AVR1:0
R333	Open		See 25 Page.	
R334	Open		No Hazard.	AVR1:0
R341	Open		No Hazard.	AVR1:0
R343	Open		No Hazard.	AVR1:0
R345	Open		Normal operation.	
R351	Open		Normal operation.	
R352	Open		Normal operation.	
R353	Open		Normal operation.	
R354	Open		No Hazard.	AVR1:0
R355	Open		Normal operation.	
R363	Open	only 1R2, 1R5	No Hazard.	AVR1:0
R381	Open		No Hazard.	AVR1:0
R401	Open		Normal operation.	
R402	Open		Normal operation.	
R403	Open		No Hazard.	AVR1:0
R404	Open		Normal operation.	
R405	Open		Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage (V)
R406	Open		Normal operation.	
R421	Open		Normal operation.	
R422	Open		Normal operation.	
R424	Open		Normal operation.	
R501	Open		Normal operation.	
R511	Open	except 2R5	Normal operation.	
R512	Open	except 2R5	Normal operation.	
R551	Open		See 25 Page.	
R552	Open		See 25 Page.	
R553	Open		Normal operation.	
R601	Open		Normal operation.	
R602	Open		See 25 Page.	
R603	Open		See 25 Page.	
R605	Open		Normal operation.	
R606	Open		Normal operation.	
R607	Open		Normal operation.	
R608	Open		Normal operation.	
R651	Open		See 25 Page.	
R652	Open		See 25 Page.	

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
C152	Short		No Hazard.	AVR1:0
C303	Open		No Hazard.	AVR1:0
C313	Short		No Hazard.	AVR1:0
C314	Open		Normal operation.	
C331	Open		Output voltage decreased. No hazard.	AVR1:decreased
	Short		No Hazard.	AVR1:0
C333	Open		Normal operation.	
C381	Open		No Hazard.	AVR1:0
C551	Open		Output voltage decreased. No hazard.	AVR1:decreased
	Short		Normal operation.	
C601	Open		Output voltage decreased. No hazard.	AVR1:decreased
D301	Open		No Hazard.	AVR1:0
	Short		No Hazard.	AVR1:0
D311	Short		No Hazard.	AVR1:0
D551	Short	only 1R2, 1R5	Output voltage decreased. No hazard.	AVR1:decreased
D601	Open		Output voltage decreased. No hazard.	AVR1:decreased
	Short		Output voltage decreased. No hazard.	AVR1:decreased
IC301	Short	1-2	No Hazard.	AVR1:0
TR101	Short	D-S	No Hazard.	AVR1:0
		S-G	No Hazard.	AVR1:0
		G-D	No Hazard.	AVR1:0
TR111	Short	C-E	No Hazard.	AVR1:0
		B-C	No Hazard.	AVR1:0
TR112	Open	C	Normal operation.	

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
TR112	Open	E	Normal operation.	
		B	Normal operation.	
TR113	Short	C(6)-E(1)	Normal operation.	
		B(2)-C(6)	Normal operation.	
TR151	Open	D(6)	No Hazard.	AVR1:0
		S(1)	No Hazard.	AVR1:0
		G(2)	No Hazard.	AVR1:0
	Short	D(3)-S(4)	No Hazard.	AVR1:0
		S(4)-G(5)	No Hazard.	AVR1:0
		G(5)-D(3)	No Hazard.	AVR1:0
		S(1)-G(2)	No Hazard.	AVR1:0
		5-6	No Hazard.	AVR1:0
TR332	Short	E-B	Normal operation.	
TR381	Short	G-D	No Hazard.	AVR1:0
TR501	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	No Hazard.	AVR1:0
	Short	D-S	No Hazard.	AVR1:0
		S-G	Output voltage decreased. No hazard.	AVR1:decreased
		G-D	No Hazard.	AVR1:0
TR502	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	Output voltage decreased. No hazard.	AVR1:decreased
	Short	D-S	No Hazard.	AVR1:0

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
TR502	Short	S-G	Output voltage decreased. No hazard.	AVR1:decreased
		G-D	No Hazard.	AVR1:0
TR601	Open	D (3)	No Hazard.	AVR1:0
		S (4)	No Hazard.	AVR1:0
		G (5)	No Hazard.	AVR1:0
	Short	D (3)-S (4)	Output voltage decreased. No hazard.	AVR1:decreased
		S (4)-G (5)	No Hazard.	AVR1:0
		G (5)-D (3)	Output voltage decreased. No hazard.	AVR1:decreased
	Open	G (2)	Output voltage decreased. No hazard.	AVR1:decreased
	Short	D (6)-S (1)	Output voltage decreased. No hazard.	AVR1:decreased
		G (2)-D (6)	Output voltage decreased. No hazard.	AVR1:decreased
		5-6	No Hazard.	AVR1:0
TR602	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	S-G	No Hazard.	AVR1:0
ZD112	Open		Output voltage decreased. No hazard.	AVR1:decreased
ZD151	Short		No Hazard.	AVR1:0
ZD221	Short		No Hazard.	AVR1:0
ZD601	Open		Output voltage decreased. No hazard.	AVR1:decreased
	Short		Normal operation.	
ZD602	Short	except 3R3, 05	Output voltage decreased. No hazard.	AVR1:decreased
R153	Open		No Hazard.	AVR1:0
R301	Open		No Hazard.	AVR1:0

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
R302	Open	No Hazard.	AVR1:0
R303	Open	No Hazard.	AVR1:0
R305	Open	No Hazard.	AVR1:0
R333	Open	No Hazard.	AVR1:0
R551	Open	Output voltage decreased. No hazard.	AVR1:decreased
R552	Open	Output voltage decreased. No hazard.	AVR1:decreased
R602	Open	Output voltage decreased. No hazard.	AVR1:decreased
R603	Open	No Hazard.	AVR1:0
R651	Open	Normal operation.	
R652	Open	Output voltage decreased. No hazard.	AVR1:decreased