

## ABNORMAL TEST RESULT

## OF MODEL Module R

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 : 2/27 ~ 23/27)

( Abnormal Test Result: 24/27 ~ 27/27)

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)
C501	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:0
C502	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:0
C503	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:0
C504	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:0
C505	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:0
C521	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:*
C522	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:*
C523	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:*
C531	Open	See 24 Page.	
	Short	See 24 Page.	
C532	Open	See 24 Page.	
	Short	See 24 Page.	
C533	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C534	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*



F M E A

Component	Mode	Comment	Output Voltage (V)
C535	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C551	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:0
C552	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:0
C553	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:0
C554	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:0
C555	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:0
C571	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:* AVR2:0
C572	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:* AVR2:0
C573	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:* AVR2:0
C581	Open	See 24 Page.	
	Short	See 24 Page.	
C582	Open	See 24 Page.	
	Short	See 24 Page.	
C583	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*



F M E A

Component	Mode	Comment	Output Voltage (V)
C584	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C585	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C601	Open	See 24 Page.	
	Short	No Hazard.	AVR1:0 AVR2:*
C602	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:*
C603	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C621	Open	Out valtage decreased. No Hazard.	AVR1:decreased AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:*
C622	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C623	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C624	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C625	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C626	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C627	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*



F M E A

Component	Mode	Comment	Output Voltage (V)
C631	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C632	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C635	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C636	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:0
C637	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C640	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C651	Open	See 24 Page.	
	Short	No Hazard.	AVR1:* AVR2:0
C652	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:* AVR2:0
C653	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C671	Open	Out valtage decreased. No hazard.	AVR1:* AVR2:decreased
	Short	No Hazard.	AVR1:* AVR2:0
C672	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C673	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*



F M E A

Component	Mode	Comment	Output Voltage (V)
C674	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C675	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C676	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C677	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C681	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C682	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C685	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C686	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:0
C687	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C801	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C802	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C803	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*



F M E A

Component	Mode	Comment	Output Voltage (V)
C821	Open	Normal operation.	AVR1:* AVR2:*
	Short	See 24 Page.	
C851	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C852	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C853	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C871	Open	Normal operation.	AVR1:* AVR2:*
	Short	See 24 Page.	
C901	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:*
C912	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C951	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:* AVR2:0
C962	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
D521	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:*
D522	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:*
D531	Open	See 24 Page.	
	Short	Normal operation.	AVR1:* AVR2:*



F M E A

Component	Mode	Comment	Output Voltage (V)
D532	Open	See 24 Page.	
	Short	Normal operation.	AVR1:* AVR2:*
D533	Open	See 24 Page.	
	Short	See 24 Page.	
D534	Open	See 24 Page.	
	Short	See 24 Page.	
D535	Open	Normal operation.	AVR1:* AVR2:*
	Short	See 24 Page.	
D571	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:* AVR2:0
D572	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:* AVR2:0
D581	Open	See 24 Page.	
	Short	Normal operation.	AVR1:* AVR2:*
D582	Open	See 24 Page.	
	Short	Normal operation.	AVR1:* AVR2:*
D583	Open	See 24 Page.	
	Short	See 24 Page.	
D584	Open	See 24 Page.	
	Short	See 25 Page.	
D585	Open	Normal operation.	AVR1:* AVR2:*
	Short	See 25 Page.	
D601	Open	See 25 Page.	
	Short	See 25 Page.	





F M E A

Component	Mode		Comment	Output Voltage (V)
D651	Open		See 25 Page.	
	Short		See 25 Page.	
IC601	Open	1	See 25 Page.	
		2	No Hazard.	AVR1:0 AVR2:*
		3	No Hazard.	AVR1:0 AVR2:*
		4	Normal operation.	AVR1:*\br/>AVR2:*
		5	Out valtage decreased. No hazard.	AVR1:decreased AVR2:*
		6	Normal operation.	AVR1:*\br/>AVR2:*
		7	No Hazard.	AVR1:0 AVR2:*
		8	No Hazard.	AVR1:0 AVR2:*
	Short	1-2	See 25 Page.	
		2-3	See 25 Page.	
		2-8	See 25 Page.	
		3-4	See 25 Page.	
		5-6	See 25 Page.	
		6-7	No Hazard.	AVR1:0 AVR2:*
		7-8	No Hazard.	AVR1:0 AVR2:*
IC651	Open	1	See 25 Page.	
		2	No Hazard.	AVR1:*\br/>AVR2:0
		3	No Hazard.	AVR1:*\br/>AVR2:0
		4	Normal operation.	AVR1:*\br/>AVR2:*
		5	Out valtage decreased. No hazard.	AVR1:*\br/>AVR2:decreased
		6	Normal operation.	AVR1:*\br/>AVR2:*
		7	No Hazard.	AVR1:*\br/>AVR2:0



F M E A

Component	Mode		Comment	Output Voltage (V)
IC651	Open	8	No Hazard.	AVR1:* AVR2:0
	Short	1-2	See 25 Page.	
		2-3	See 25 Page.	
		2-8	See 25 Page.	
		3-4	See 25 Page.	
		5-6	See 25 Page.	
		6-7	No Hazard.	AVR1:* AVR2:0
	7-8	No Hazard.	AVR1:* AVR2:0	
L601	Open		No Hazard.	AVR1:0 AVR2:*
	Short		Out valtage decreased. No hazard.	AVR1:decreased AVR2:*
L651	Open		No Hazard.	AVR1:* AVR2:0
	Short		Out valtage decreased. No hazard.	AVR1:decreased AVR2:*
LED801	Open		Normal operation.	AVR1:* AVR2:*
	Short		Normal operation.	AVR1:* AVR2:*
LED851	Open		Normal operation.	AVR1:* AVR2:*
	Short		Normal operation.	AVR1:* AVR2:*
PC811	Open	A, K	Normal operation.	AVR1:* AVR2:*
		C, E	Normal operation.	AVR1:* AVR2:*
	Short	A-K	Normal operation.	AVR1:* AVR2:*
		C-E	Normal operation.	AVR1:* AVR2:*
PC861	Open	A, K	Normal operation.	AVR1:* AVR2:*
		C, E	Normal operation.	AVR1:* AVR2:*
	Short	A-K	Normal operation.	AVR1:* AVR2:*
		C-E	Normal operation.	AVR1:* AVR2:*



F M E A

Component	Mode		Comment	Output Voltage (V)
PC901	Open	A, K	Normal operation.	AVR1:* AVR2:*
		C, E	Normal operation.	AVR1:* AVR2:*
	Short	A-K	Normal operation.	AVR1:* AVR2:*
		C-E	No Hazard.	AVR1:0 AVR2:*
PC941	Open	A, K	No Hazard.	AVR1:0 AVR2:0
		C, E	No Hazard.	AVR1:0 AVR2:0
	Short	A-K	No Hazard.	AVR1:0 AVR2:*
		C-E	Normal operation.	AVR1:* AVR2:*
PC944	Open	A, K	Normal operation.	AVR1:* AVR2:*
		C, E	Normal operation.	AVR1:* AVR2:*
	Short	A-K	Normal operation.	AVR1:* AVR2:*
		C-E	No Hazard.	AVR1:0 AVR2:0
PC951	Open	A, K	Normal operation.	AVR1:* AVR2:*
		C, E	Normal operation.	AVR1:* AVR2:*
	Short	A-K	Normal operation.	AVR1:* AVR2:*
		C-E	No Hazard.	AVR1:* AVR2:0
PC991	Open	A, K	No Hazard.	AVR1:0 AVR2:0
		C, E	No Hazard.	AVR1:0 AVR2:0
	Short	A-K	No Hazard.	AVR1:* AVR2:0
		C-E	Normal operation.	AVR1:* AVR2:*
PC994	Open	A, K	Normal operation.	AVR1:* AVR2:*
		C, E	Normal operation.	AVR1:* AVR2:*
	Short	A-K	Normal operation.	AVR1:* AVR2:*
		C-E	No Hazard.	AVR1:0 AVR2:0



F M E A

Component	Mode	Comment	Output Voltage (V)
PTH601	Open	No Hazard.	AVR1:0 AVR2:0
	Short	Normal operation.	AVR1:* AVR2:*
PTH651	Open	No Hazard.	AVR1:0 AVR2:0
	Short	Normal operation.	AVR1:* AVR2:*
R501	Open	Normal operation.	AVR1:* AVR2:*
R522	Open	No Hazard.	AVR1:0 AVR2:*
R524	Open	Normal operation.	AVR1:* AVR2:*
R525	Open	See 25 Page.	
R526	Open	See 25 Page.	
R531	Open	See 25 Page.	
R532	Open	See 25 Page.	
R533	Open	Normal operation.	AVR1:* AVR2:*
R534	Open	See 25 Page.	
R535	Open	Normal operation.	AVR1:* AVR2:*
R536	Open	See 25 Page.	
R537	Open	Normal operation.	AVR1:* AVR2:*
R538	Open	Normal operation.	AVR1:* AVR2:*
R540	Open	Normal operation.	AVR1:* AVR2:*
R541	Open	Normal operation.	AVR1:* AVR2:*
R543	Open	Normal operation.	AVR1:* AVR2:*
R544	Open	Normal operation.	AVR1:* AVR2:*
R545	Open	Normal operation.	AVR1:* AVR2:*
R546	Open	Normal operation.	AVR1:* AVR2:*
R547	Open	Normal operation.	AVR1:* AVR2:*



F M E A

Component	Mode	Comment	Output Voltage (V)
R551	Open	Normal operation.	AVR1:* AVR2:*
R572	Open	No Hazard.	AVR1:* AVR2:0
R573	Open	Normal operation.	AVR1:* AVR2:*
R575	Open	See 26 Page.	
R576	Open	See 26 Page.	
R581	Open	See 26 Page.	
R582	Open	See 26 Page.	
R583	Open	Normal operation.	AVR1:* AVR2:*
R584	Open	See 26 Page.	
R585	Open	Normal operation.	AVR1:* AVR2:*
R586	Open	See 26 Page.	
R587	Open	Normal operation.	AVR1:* AVR2:*
R588	Open	Normal operation.	AVR1:* AVR2:*
R590	Open	Normal operation.	AVR1:* AVR2:*
R591	Open	Normal operation.	AVR1:* AVR2:*
R593	Open	Normal operation.	AVR1:* AVR2:*
R594	Open	Normal operation.	AVR1:* AVR2:*
R595	Open	Normal operation.	AVR1:* AVR2:*
R596	Open	Normal operation.	AVR1:* AVR2:*
R597	Open	Normal operation.	AVR1:* AVR2:*
R601	Open	Normal operation.	AVR1:* AVR2:*
R621	Open	Normal operation.	AVR1:* AVR2:*
R622	Open	Normal operation.	AVR1:* AVR2:*
R623	Open	Normal operation.	AVR1:* AVR2:*



F M E A

Component	Mode	Comment	Output Voltage (V)
R624	Open	Normal operation.	AVR1:* AVR2:*
R625	Open	Normal operation.	AVR1:* AVR2:*
R626	Open	Normal operation.	AVR1:* AVR2:*
R631	Open	Normal operation.	AVR1:* AVR2:*
R632	Open	Normal operation.	AVR1:* AVR2:*
R633	Open	Normal operation.	AVR1:* AVR2:*
R634	Open	Normal operation.	AVR1:* AVR2:*
R635	Open	Normal operation.	AVR1:* AVR2:*
R636	Open	Normal operation.	AVR1:* AVR2:*
R637	Open	Normal operation.	AVR1:* AVR2:*
R638	Open	Normal operation.	AVR1:* AVR2:*
R640	Open	Normal operation.	AVR1:* AVR2:*
R651	Open	Normal operation.	AVR1:* AVR2:*
R671	Open	Normal operation.	AVR1:* AVR2:*
R672	Open	Normal operation.	AVR1:* AVR2:*
R673	Open	Normal operation.	AVR1:* AVR2:*
R674	Open	Normal operation.	AVR1:* AVR2:*
R675	Open	Normal operation.	AVR1:* AVR2:*
R676	Open	Normal operation.	AVR1:* AVR2:*
R681	Open	Normal operation.	AVR1:* AVR2:*
R682	Open	Normal operation.	AVR1:* AVR2:*
R683	Open	Normal operation.	AVR1:* AVR2:*
R684	Open	Normal operation.	AVR1:* AVR2:*
R685	Open	Normal operation.	AVR1:* AVR2:*



F M E A

Component	Mode	Comment	Output Voltage (V)
R686	Open	Normal operation.	AVR1:* AVR2:*
R687	Open	Normal operation.	AVR1:* AVR2:*
R688	Open	Normal operation.	AVR1:* AVR2:*
R690	Open	Normal operation.	AVR1:* AVR2:*
R801	Open	Normal operation.	AVR1:* AVR2:*
R802	Open	Normal operation.	AVR1:* AVR2:*
R803	Open	Normal operation.	AVR1:* AVR2:*
R804	Open	Normal operation.	AVR1:* AVR2:*
R805	Open	Normal operation.	AVR1:* AVR2:*
R806	Open	Normal operation.	AVR1:* AVR2:*
R807	Open	Normal operation.	AVR1:* AVR2:*
R808	Open	Normal operation.	AVR1:* AVR2:*
R811	Open	Normal operation.	AVR1:* AVR2:*
R812	Open	Normal operation.	AVR1:* AVR2:*
R813	Open	Normal operation.	AVR1:* AVR2:*
R814	Open	Normal operation.	AVR1:* AVR2:*
R821	Open	See 26 Page.	
R822	Open	See 26 Page.	
R823	Open	Normal operation.	AVR1:* AVR2:*
R851	Open	Normal operation.	AVR1:* AVR2:*
R852	Open	Normal operation.	AVR1:* AVR2:*
R853	Open	Normal operation.	AVR1:* AVR2:*
R854	Open	Normal operation.	AVR1:* AVR2:*
R855	Open	Normal operation.	AVR1:* AVR2:*



F M E A

Component	Mode	Comment	Output Voltage (V)
R856	Open	Normal operation.	AVR1:* AVR2:*
R857	Open	Normal operation.	AVR1:* AVR2:*
R858	Open	Normal operation.	AVR1:* AVR2:*
R861	Open	Normal operation.	AVR1:* AVR2:*
R862	Open	Normal operation.	AVR1:* AVR2:*
R863	Open	Normal operation.	AVR1:* AVR2:*
R864	Open	Normal operation.	AVR1:* AVR2:*
R871	Open	See 26 Page.	
R872	Open	See 26 Page.	
R873	Open	Normal operation.	AVR1:* AVR2:*
R901	Open	Normal operation.	AVR1:* AVR2:*
R902	Open	Normal operation.	AVR1:* AVR2:*
R903	Open	No Hazard.	AVR1:0 AVR2:*
R904	Open	No Hazard.	AVR1:0 AVR2:*
R905	Open	Normal operation.	AVR1:* AVR2:*
R906	Open	No Hazard.	AVR1:0 AVR2:*
R941	Open	No Hazard.	AVR1:0 AVR2:0
R951	Open	Normal operation.	AVR1:* AVR2:*
R952	Open	Normal operation.	AVR1:* AVR2:*
R953	Open	No Hazard.	AVR1:* AVR2:0
R954	Open	No Hazard.	AVR1:* AVR2:*
R955	Open	Normal operation.	AVR1:* AVR2:*
R956	Open	No Hazard.	AVR1:* AVR2:0
SS501	Open	No Hazard.	AVR1:0 AVR2:*





F M E A

Component	Mode		Comment	Output Voltage (V)	
SS501	Short		No Hazard.	AVR1:0 AVR2:0	
SS551	Open		No Hazard.	AVR1:* AVR2:0	
	Short		No Hazard.	AVR1:0 AVR2:0	
T501	Open	1	No Hazard.	AVR1:* AVR2:0	
		2	No Hazard.	AVR1:* AVR2:0	
		3	No Hazard.	AVR1:0 AVR2:*	
		4	No Hazard.	AVR1:0 AVR2:*	
		5	Normal operation.	AVR1:* AVR2:*	
		6	Normal operation.	AVR1:* AVR2:*	
		7	No Hazard.	AVR1:0 AVR2:0	
		8	Normal operation.	AVR1:* AVR2:*	
		9	Normal operation.	AVR1:* AVR2:*	
		10	No Hazard.	AVR1:0 AVR2:0	
	Short	1-2		See 26 Page.	
		1-5		See 26 Page.	
		1-6		See 26 Page.	
		2-6		See 26 Page.	
		2-7		See 26 Page.	
		3-4		See 26 Page.	
		3-8		See 26 Page.	
		3-9		See 26 Page.	
		4-9		See 26 Page.	
		4-10		See 26 Page.	
	5-6		See 26 Page.		



F M E A

Component	Mode		Comment	Output Voltage (V)
T501	Short	5-8	See 26 Page.	
		6-7	See 26 Page.	
		6-9	See 26 Page.	
		7-10	See 27 Page.	
		8-9	See 27 Page.	
		9-10	See 27 Page.	
TR521	Open	C	No Hazard.	AVR1:0 AVR2:*
		E	No Hazard.	AVR1:0 AVR2:*
		B	No Hazard.	AVR1:0 AVR2:*
	Short	C-E	Normal operation.	AVR1:* AVR2:*
		E-B	No Hazard.	AVR1:0 AVR2:*
		B-C	Normal operation.	AVR1:* AVR2:*
TR531	Open	C	Normal operation.	AVR1:* AVR2:*
		E	Normal operation.	AVR1:* AVR2:*
		B	Normal operation.	AVR1:* AVR2:*
	Short	C-E	Normal operation.	AVR1:* AVR2:*
		E-B	Normal operation.	AVR1:* AVR2:*
		B-C	Normal operation.	AVR1:* AVR2:*
TR532	Open	C	Normal operation.	AVR1:* AVR2:*
		E	Normal operation.	AVR1:* AVR2:*
		B	Normal operation.	AVR1:* AVR2:*
	Short	C-E	Normal operation.	AVR1:* AVR2:*
		E-B	Normal operation.	AVR1:* AVR2:*
		B-C	Normal operation.	AVR1:* AVR2:*



F M E A

Component	Mode		Comment	Output Voltage (V)
TR571	Open	C	No Hazard.	AVR1:* AVR2:0
		E	No Hazard.	AVR1:* AVR2:0
		B	No Hazard.	AVR1:* AVR2:0
	Short	C-E	Normal operation.	AVR1:* AVR2:*
		E-B	No Hazard.	AVR1:* AVR2:0
		B-C	Normal operation.	AVR1:* AVR2:*
TR581	Open	C	Normal operation.	AVR1:* AVR2:*
		E	Normal operation.	AVR1:* AVR2:*
		B	Normal operation.	AVR1:* AVR2:*
	Short	C-E	Normal operation.	AVR1:* AVR2:*
		E-B	Normal operation.	AVR1:* AVR2:*
		B-C	Normal operation.	AVR1:* AVR2:*
TR582	Open	C	Normal operation.	AVR1:* AVR2:*
		E	Normal operation.	AVR1:* AVR2:*
		B	Normal operation.	AVR1:* AVR2:*
	Short	C-E	Normal operation.	AVR1:* AVR2:*
		E-B	Normal operation.	AVR1:* AVR2:*
		B-C	Normal operation.	AVR1:* AVR2:*
TR631	Open	C	Normal operation.	AVR1:* AVR2:*
		E	Normal operation.	AVR1:* AVR2:*
		B	Normal operation.	AVR1:* AVR2:*
	Short	C-E	No Hazard.	AVR1:0 AVR2:0
		E-B	Normal operation.	AVR1:* AVR2:*
		B-C	Normal operation.	AVR1:* AVR2:*



F M E A

Component	Mode		Comment	Output Voltage (V)
TR632	Open	C	Normal operation.	AVR1:* AVR2:*
		E	Normal operation.	AVR1:* AVR2:*
		B	Normal operation.	AVR1:* AVR2:*
	Short	C-E	No Hazard.	AVR1:0 AVR2:0
		E-B	Normal operation.	AVR1:* AVR2:*
		B-C	Normal operation.	AVR1:* AVR2:*
TR681	Open	C	Normal operation.	AVR1:* AVR2:*
		E	Normal operation.	AVR1:* AVR2:*
		B	Normal operation.	AVR1:* AVR2:*
	Short	C-E	No Hazard.	AVR1:0 AVR2:0
		E-B	Normal operation.	AVR1:* AVR2:*
		B-C	Normal operation.	AVR1:* AVR2:*
TR682	Open	C	Normal operation.	AVR1:* AVR2:*
		E	Normal operation.	AVR1:* AVR2:*
		B	Normal operation.	AVR1:* AVR2:*
	Short	C-E	No Hazard.	AVR1:0 AVR2:0
		E-B	Normal operation.	AVR1:* AVR2:*
		B-C	Normal operation.	AVR1:* AVR2:*
TR801	Open	C	Normal operation.	AVR1:* AVR2:*
		E	Normal operation.	AVR1:* AVR2:*
		B	Normal operation.	AVR1:* AVR2:*
	Short	C-E	Normal operation.	AVR1:* AVR2:*
		E-B	Normal operation.	AVR1:* AVR2:*
		B-C	Normal operation.	AVR1:* AVR2:*



F M E A

Component	Mode		Comment	Output Voltage (V)
TR802	Open	C	Normal operation.	AVR1:* AVR2:*
		E	Normal operation.	AVR1:* AVR2:*
		B	Normal operation.	AVR1:* AVR2:*
	Short	C-E	Normal operation.	AVR1:* AVR2:*
		E-B	Normal operation.	AVR1:* AVR2:*
		B-C	Normal operation.	AVR1:* AVR2:*
TR851	Open	C	Normal operation.	AVR1:* AVR2:*
		E	Normal operation.	AVR1:* AVR2:*
		B	Normal operation.	AVR1:* AVR2:*
	Short	C-E	Normal operation.	AVR1:* AVR2:*
		E-B	Normal operation.	AVR1:* AVR2:*
		B-C	Normal operation.	AVR1:* AVR2:*
TR852	Open	C	Normal operation.	AVR1:* AVR2:*
		E	Normal operation.	AVR1:* AVR2:*
		B	Normal operation.	AVR1:* AVR2:*
	Short	C-E	Normal operation.	AVR1:* AVR2:*
		E-B	Normal operation.	AVR1:* AVR2:*
		B-C	Normal operation.	AVR1:* AVR2:*
TR901	Open	C	No Hazard.	AVR1:0 AVR2:*
		E	No Hazard.	AVR1:0 AVR2:*
		B	No Hazard.	AVR1:0 AVR2:*
	Short	C-E	Normal operation.	AVR1:* AVR2:*
		E-B	No Hazard.	AVR1:0 AVR2:*
		B-C	Normal operation.	AVR1:* AVR2:*



F M E A

Component	Mode		Comment	Output Voltage (V)
TR951	Open	C	No Hazard.	AVR1:* AVR2:0
		E	No Hazard.	AVR1:* AVR2:0
		B	No Hazard.	AVR1:* AVR2:0
	Short	C-E	Normal operation.	AVR1:* AVR2:*
		E-B	No Hazard.	AVR1:* AVR2:0
		B-C	Normal operation.	AVR1:* AVR2:*
VR801	Open	brush	No Hazard.	AVR1:0 AVR2:0
			No Hazard.	AVR1:0 AVR2:0
	Short		Out valtage decreased. No hazard.	AVR1:出力低下 AVR2:*
VR851	Open	brush	No Hazard.	AVR1:0 AVR2:0
			No Hazard.	AVR1:0 AVR2:0
	Short		Out valtage decreased. No hazard.	AVR1:* AVR2:decreased
ZD521	Open		No Hazard.	AVR1:0 AVR2:*
	Short		No Hazard.	AVR1:0 AVR2:*
ZD522	Open		No Hazard.	AVR1:0 AVR2:*
	Short		No Hazard.	AVR1:0 AVR2:*
ZD571	Open		No Hazard.	AVR1:* AVR2:0
	Short		No Hazard.	AVR1:* AVR2:0
ZD572	Open		No Hazard.	AVR1:* AVR2:0
	Short		No Hazard.	AVR1:* AVR2:0
ZD631	Open		Normal operation.	AVR1:* AVR2:*
	Short		No Hazard.	AVR1:0 AVR2:0
ZD632	Open		Normal operation.	AVR1:* AVR2:*
	Short		No Hazard.	AVR1:0 AVR2:0



F M E A

Component	Mode	Comment	Output Voltage (V)
ZD633	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:0
ZD681	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:0
ZD682	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:0
ZD683	Open	Normal operation.	AVR1:* AVR2:*
	Short	No Hazard.	AVR1:0 AVR2:0
ZD801	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
ZD851	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*



ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
C531	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C532	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C581	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C582	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
C601	Open	Normal operation.	AVR1:* AVR2:*
C651	Open	Normal operation.	AVR1:* AVR2:*
C821	Short	Output voltage decreased. No Hazard.	AVR1:decreased AVR2:*
C871	Short	Output voltage decreased. No Hazard.	AVR1:* AVR2:decreased
D531	Open	Normal operation.	AVR1:* AVR2:*
D532	Open	Normal operation.	AVR1:* AVR2:*
D533	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
D534	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
D535	Short	Normal operation.	AVR1:* AVR2:*
D581	Open	Normal operation.	AVR1:* AVR2:*
D582	Open	Normal operation.	AVR1:* AVR2:*
D583	Open	Normal operation.	AVR1:* AVR2:*
	Short	Normal operation.	AVR1:* AVR2:*
D584	Open	Normal operation.	AVR1:* AVR2:*





ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
D584	Short		Normal operation.	AVR1:* AVR2:*
D585	Short		Normal operation.	AVR1:* AVR2:*
D601	Open		No Hazard.	AVR1:0 AVR2:0
	Short		No Hazard.	AVR1:0 AVR2:*
D651	Open		No Hazard.	AVR1:0 AVR2:0
	Short		No Hazard.	AVR1:0 AVR2:*
IC601	Open	1	No Hazard.	AVR1:0 AVR2:*
	Short	1-2	No Hazard.	AVR1:0 AVR2:0
		2-3	No Hazard.	AVR1:0 AVR2:0
		2-8	No Hazard.	AVR1:0 AVR2:0
		3-4	Normal operation.	AVR1:* AVR2:*
		5-6	No Hazard.	AVR1:0 AVR2:*
IC651	Open	1	No Hazard.	AVR1:0 AVR2:*
	Short	1-2	No Hazard.	AVR1:0 AVR2:0
		2-3	No Hazard.	AVR1:0 AVR2:0
		2-8	No Hazard.	AVR1:0 AVR2:0
		3-4	Normal operation.	AVR1:* AVR2:*
		5-6	No Hazard.	AVR1:0 AVR2:*
R525	Open		Normal operation.	AVR1:* AVR2:*
R526	Open		Normal operation.	AVR1:* AVR2:*
R531	Open		Normal operation.	AVR1:* AVR2:*
R532	Open		Normal operation.	AVR1:* AVR2:*
R534	Open		Normal operation.	AVR1:* AVR2:*
R536	Open		Normal operation.	AVR1:* AVR2:*



ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
R575	Open	Normal operation.	AVR1:* AVR2:*
R576	Open	Normal operation.	AVR1:* AVR2:*
R581	Open	Normal operation.	AVR1:* AVR2:*
R582	Open	Normal operation.	AVR1:* AVR2:*
R584	Open	Normal operation.	AVR1:* AVR2:*
R586	Open	Normal operation.	AVR1:* AVR2:*
R821	Open	Output voltage decreased. No Hazard.	AVR1:decreased. AVR2:*
R822	Open	Output voltage decreased. No Hazard.	AVR1:decreased. AVR2:*
R871	Open	Output voltage decreased. No Hazard.	AVR1:: AVR2:decreased.
R872	Open	Output voltage decreased. No Hazard.	AVR1:: AVR2:decreased.
T501	Short	1-2	No Hazard. AVR1:0 AVR2:0
		1-5	Normal operation. AVR1:* AVR2:*
		1-6	Normal operation. AVR1:* AVR2:*
		2-6	No Hazard. AVR1:0 AVR2:0
		2-7	Normal operation. AVR1:* AVR2:*
		3-4	No Hazard. AVR1:0 AVR2:0
		3-8	Normal operation. AVR1:* AVR2:*
		3-9	Normal operation. AVR1:* AVR2:*
		4-9	No Hazard. AVR1:0 AVR2:0
		4-10	Normal operation. AVR1:* AVR2:*
		5-6	No Hazard. AVR1:0 AVR2:0
		5-8	Normal operation. AVR1:* AVR2:*
		6-7	No Hazard. AVR1:0 AVR2:0
6-9	Normal operation. AVR1:* AVR2:*		



ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
T501	Short	7-10	Normal operation.	AVR1:0 AVR2:0
		8-9	No Hazard.	AVR1:0 AVR2:0
		9-10	No Hazard.	AVR1:0 AVR2:0