

ABNORMAL TEST RESULT

OF MODEL RBS15B

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 : 2/12 ~ 10/12)

(Abnormal Test Result: 11/12 ~ 12/12)

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	Normal operation.	AVR1:**
C102	Open	Normal operation.	AVR1:**
	Short	Normal operation.	AVR1:**
C103	Open	Normal operation.	AVR1:**
	Short	Normal operation.	AVR1:**
C104	Open	Normal operation.	AVR1:**
	Short	Normal operation.	AVR1:**
C105	Open	Normal operation.	AVR1:**
	Short	See page 10.	
C108	Open	Normal operation.	AVR1:**
	Short	Normal operation.	AVR1:**
C111	Open	Normal operation.	AVR1:**
	Short	No hazard.	AVR1:0
C112 (Only -5)	Open	Normal operation.	AVR1:**
	Short	No hazard.	AVR1:0
C113	Open	Normal operation.	AVR1:**
	Short	See page 10.	
C115	Open	See page 10.	
	Short	Normal operation.	AVR1:**
C116	Open	Normal operation.	AVR1:**
	Short	See page 10.	
C117	Open	Normal operation.	AVR1:**
	Short	Normal operation.	AVR1:**

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Component	Mode	Comment	Output Voltage (V)
C501	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C502	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C503	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C504	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C505	Open	See page 10.	
	Short	No hazard.	AVR1:0
C506	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C507	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C521	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C524	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C525	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C526 (Only -5)	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C528 (Only -5)	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Output voltage decreased. No hazard.	AVR1:decreased



F M E A

Component	Mode		Comment	Output Voltage (V)
C529 (Only -5)	Open		Output voltage decreased. No hazard.	AVR1:decreased
	Short		Output voltage decreased. No hazard.	AVR1:decreased
C541 (Only -5)	Open		Normal operation.	AVR1:**
	Short		See page 10.	
D101	Open		Normal operation.	AVR1:**
	Short		R181 (RBP200F) opened, No hazard.	AVR1:0
D104	Open		See page 10.	
	Short		Normal operation.	AVR1:**
D112	Open		Normal operation.	AVR1:**
	Short		Normal operation.	AVR1:**
D501 (Except:-5)	Open		See page 10.	
	Short		See page 10.	
D502	Open		Normal operation.	AVR1:**
	Short		See page 10.	
D521	Open		Normal operation.	AVR1:**
	Short		Normal operation.	AVR1:**
D522	Open		Normal operation.	AVR1:**
	Short		Normal operation.	AVR1:**
D523	Open		Normal operation.	AVR1:**
	Short		No hazard.	AVR1:0
IC101	Open	1	See page 10.	
		2	No hazard.	AVR1:0
		3	R181 (RBP200F) opened, No hazard.	AVR1:0
		4	No hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
IC101	Open	5	No hazard.	AVR1:0
		6	No hazard.	AVR1:0
		7	Normal operation.	AVR1:*
		8	Normal operation.	AVR1:*
	Short	1-2	See page 10.	
		2-3	See page 10.	
		3-4	R181(RBP200F) opened, No hazard.	AVR1:0
		5-6	See page 10.	
		6-7	Normal operation.	AVR1:*
		7-8	Normal operation.	AVR1:*
	IC501	Open	1	Normal operation.
2			Normal operation.	AVR1:*
3			No hazard.	AVR1:0
4			No hazard.	AVR1:0
5			No hazard.	AVR1:0
Short		1-2	Normal operation.	AVR1:*
		2-3	No hazard.	AVR1:0
		3-4	No hazard.	AVR1:0
		4-5	No hazard.	AVR1:0
IC502 (Only -5)	Open	1	See page 10.	
		2	See page 10.	
		3	See page 10.	
		4	See page 10.	
		5	See page 10.	

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Component	Mode		Comment	Output Voltage (V)
IC502 (Only -5)	Open	6	See page 10.	
	Short	1-2	See page 10.	
		2-3	See page 10.	
		4-5	See page 10.	
		5-6	See page 10.	
L501	Open		No hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
PC101	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
R101	Open		No hazard.	AVR1:0
R102	Open		Normal operation.	AVR1:*
R104	Open		Normal operation.	AVR1:*
R105	Open		Normal operation.	AVR1:*
R106	Open		No hazard.	AVR1:0
R109	Open		Normal operation.	AVR1:*
R110	Open		Normal operation.	AVR1:*
R112	Open		No hazard.	AVR1:0
R113	Open		Normal operation.	AVR1:*
R114	Open		No hazard.	AVR1:0
R115	Open		Output voltage decreased. No hazard.	AVR1:decreased
R116	Open		Normal operation.	AVR1:*
R117	Open		R181 (RBP200F) opened, No hazard.	AVR1:0

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Component	Mode	Comment	Output Voltage (V)
R119	Open	No hazard.	AVR1:0
R120	Open	Output voltage decreased. No hazard.	AVR1:decreased
R121	Open	Normal operation.	AVR1:**
R124	Open	See page 11.	
R125	Open	See page 11.	
R126	Open	See page 11.	
R501 (Only -5)	Open	See page 11.	
R502 (Only -5)	Open	Normal operation.	AVR1:**
R503	Open	Normal operation.	AVR1:**
R504	Open	Normal operation.	AVR1:**
R511	Open	Normal operation.	AVR1:**
R512	Open	Normal operation.	AVR1:**
R513	Open	Normal operation.	AVR1:**
R514	Open	Normal operation.	AVR1:**
R515	Open	Normal operation.	AVR1:**
R516 (Only -5)	Open	Normal operation.	AVR1:**
R517 (Only -5)	Open	Normal operation.	AVR1:**
R518 (Only -5)	Open	Normal operation.	AVR1:**
R521	Open	No hazard.	AVR1:0
R522	Open	No hazard.	AVR1:0
R523	Open	No hazard.	AVR1:0
R525	Open	No hazard.	AVR1:0
R526	Open	Output voltage decreased. No hazard.	AVR1:decreased
R527	Open	Normal operation.	AVR1:**

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Component	Mode	Comment	Output Voltage (V)	
R528	Open	Normal operation.	AVR1:*	
R529	Open	No hazard.	AVR1:0	
R530	Open	No hazard.	AVR1:0	
R531	Open	No hazard.	AVR1:0	
R532 (Except:-24)	Open	Output voltage decreased. No hazard.	AVR1:decreased	
R533 (Only -5)	Open	Output voltage decreased. No hazard.	AVR1:decreased	
R534 (Only -24)	Open	Normal operation.	AVR1:*	
R535 (Except:12)	Open	Normal operation.	AVR1:*	
R541 (Only -5)	Open	See page 11.		
R542 (Only -5)	Open	See page 11.		
R543 (Only -5)	Open	See page 11.		
R545 (Only -5)	Open	See page 11.		
R546 (Only -5)	Open	See page 11.		
R549 (Only -5)	Open	See page 11.		
R552 (Only -5)	Open	See page 11.		
T101	Open	1	No hazard.	AVR1:0
		2	Normal operation.	AVR1:*
		3	No hazard.	AVR1:0
		4	Normal operation.	AVR1:*
		5	No hazard.	AVR1:0
		6	No hazard.	AVR1:0
		8	No hazard.	AVR1:0
		9	No hazard.	AVR1:0
	Short	1-2	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
T101	Short	2-3	R181(RBP200F) opened, No hazard.	AVR1:0
		3-4	Normal operation.	AVR1:*
		5-6	No hazard.	AVR1:0
		8-9	See page 11.	
TR101	Open	D	No hazard.	AVR1:0
		S	No hazard.	AVR1:0
		G	R181(RBP200F) opened, No hazard.	AVR1:0
	Short	D-S	See page 11.	
		S-G	No hazard.	AVR1:0
		G-D	See page 11.	
TR102	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	R181(RBP200F) opened, No hazard.	AVR1:0
	Short	D-S	See page 11.	
		S-G	Normal operation.	AVR1:*
		G-D	R181(RBP200F) opened, No hazard.	AVR1:0
TR501 (Only -5)	Open	D	No hazard.	AVR1:0
		S	No hazard.	AVR1:0
		G	No hazard.	AVR1:0
	Short	D-S	See page 11.	
		S-G	See page 11.	
		G-D	See page 11.	
VR501	Open	brush	Output voltage decreased. No hazard.	AVR1:decreased
			No hazard.	AVR1:0



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Component	Mode	Comment	Output Voltage (V)
VR501	Short	Output voltage increased. No hazard.	AVR1:increased

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Component	Mode		Comment	Output Voltage (V)
C105	Short		No hazard.	AVR1:0
C113	Short		R181(RBP200F) opened, No hazard.	AVR1:0
C115	Open		No hazard.	AVR1:0
C116	Short		No hazard.	AVR1:0
C505	Open		Output voltage decreased. No hazard	AVR1:decreased
C541	Short		No hazard.	AVR1:0
D104	Open		Normal operation.	AVR1:*
D501	Open		No hazard.	AVR1:0
	Short		R181(RBP200F) opened, No hazard.	AVR1:0
D502	Short		Normal operation.	AVR1:*
IC101	Open	1	No hazard.	AVR1:0
	Short	1-2	No hazard.	AVR1:0
		2-3	No hazard.	AVR1:0
		5-6	F101(RBP200F) opened, No hazard.	AVR1:0
IC502	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:*
	Short	1-2	Normal operation.	AVR1:*
		2-3	Normal operation.	AVR1:*
		4-5	Normal operation.	AVR1:*
		5-6	Normal operation.	AVR1:*

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
R124	Open		Normal operation.	AVR1:*
R125	Open		No hazard.	AVR1:0
R126	Open		No hazard.	AVR1:0
R501	Open		Normal operation.	AVR1:*
R541	Open		Normal operation.	AVR1:*
R542	Open		Normal operation.	AVR1:*
R543	Open		Normal operation.	AVR1:*
R545	Open		Normal operation.	AVR1:*
R546	Open		Normal operation.	AVR1:*
R549	Open		Normal operation.	AVR1:*
R552	Open		Normal operation.	AVR1:*
T101	Short	8-9	No hazard.	AVR1:0
TR101	Short	D-S	R181 (RBP200F) opened, No hazard.	AVR1:0
		G-D	R181 (RBP200F) opened, No hazard.	AVR1:0
TR102	Short	D-S	R181 (RBP200F) opened, No hazard.	AVR1:0
TR501	Short	D-S	No hazard.	AVR1:0
		S-G	Normal operation.	AVR1:*
		G-D	No hazard.	AVR1:0