

ABNORMAL TEST RESULT

OF MODEL ACB100B-1, -2, -3

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 : 2/14 ~ 13/14)

(Abnormal Test Result: 14/14 ~ 14/14)

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)
C202	Open	Normal operation.	
	Short	No Hazard.	V1:0 V2:0
C203	Open	No Hazard.	V1:0 V2:0
	Short	No Hazard.	V1:0 V2:0
C204	Open	Normal operation.	
	Short	Normal operation.	
C205	Open	Output voltage decreased. No hazard.	
	Short	Normal operation.	
C206	Open	Normal operation.	
	Short	Normal operation.	
C207	Open	Normal operation.	
	Short	Normal operation.	
C208	Open	Normal operation.	
	Short	Normal operation.	
C209	Open	Normal operation.	
	Short	No Hazard.	V1:0 V2:0
C210	Open	Normal operation.	
	Short	Normal operation.	
C213	Open	Normal operation.	
	Short	No Hazard.	V1:0 V2:0
C220	Open	Normal operation.	
	Short	Normal operation.	
C221	Open	Normal operation.	
	Short	Normal operation.	

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Component	Mode	Comment	Output Voltage (V)
C505	Open	Normal operation.	
	Short	No Hazard.	V1:0 V2:0
C506	Open	Normal operation.	
	Short	No Hazard.	V1:0 V2:0
C507	Open	Normal operation.	
	Short	No Hazard.	V1:0 V2:0
C513	Open	Normal operation.	
	Short	Output voltage decreased. No hazard.	
C518	Open	Normal operation.	
	Short	Output voltage decreased. No hazard.	
C521	Open	Normal operation.	
	Short	Normal operation.	
C522	Open	Normal operation.	
	Short	Normal operation.	
C525	Open	Normal operation.	
	Short	Output voltage decreased. No hazard.	
C530	Open	Normal operation.	
	Short	Normal operation.	
C531	Open	Normal operation.	
	Short	Normal operation.	
C601	Open	Normal operation.	
	Short	Normal operation.	
C602	Open	Normal operation.	
	Short	Normal operation.	

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Component	Mode		Comment	Output Voltage (V)
C603	Open		Normal operation.	
	Short		No Hazard.	V2:0
C604	Open		Normal operation.	
	Short		No Hazard.	V2:0
C605	Open		Normal operation.	
	Short		No Hazard.	V1:0 V2:0
C606	Open		Normal operation.	
	Short		No Hazard.	V2:0
C607	Open	Except -1	Normal operation.	
	Short	Except -1	No Hazard.	V2:0
C610	Open		Normal operation.	
	Short		Normal operation.	
C611	Open		Normal operation.	
	Short		Normal operation.	
C612	Open		Normal operation.	
	Short		No Hazard.	V1:0 V2:0
C613	Open		Normal operation.	
	Short		Output voltage decreased. No hazard.	
CN201	Open	1	No Hazard.	V1:0 V2:0
		2	No Hazard.	V1:0 V2:0
		3	Normal operation.	
		4	Normal operation.	
		5	Normal operation.	
		6	Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage (V)
CN201	Open	7	Normal operation.	
	Short	1-2	Normal operation.	
		2-3	No Hazard.	V1:0 V2:0
		3-4	Normal operation.	
		4-5	Normal operation.	
		5-6	Normal operation.	
		6-7	Normal operation.	
D201	Open		Normal operation.	
	Short		Normal operation.	
D202	Open		Normal operation.	
	Short		Normal operation.	
D203	Open		Normal operation.	
	Short		No Hazard.	V1:0 V2:0
D601	Open		No Hazard.	V2:0
	Short		No Hazard.	V2:Decreased
IC201	Open	1	No Hazard.	V1:0 V2:0
		2	No Hazard.	V1:0 V2:0
		3	F701 opened, No Hazard.	V1:0 V2:0
		4	Normal operation.	
		5	Normal operation.	
		6	Normal operation.	
		7	Normal operation.	
		8	Normal operation.	
		9	Normal operation.	

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Component	Mode		Comment	Output Voltage (V)
IC201	Open	10	No Hazard.	V1:0 V2:0
		11	No Hazard.	V1:0 V2:0
		12	No Hazard.	V1:0 V2:0
		13	Output voltage decreased. No hazard.	
		14	Normal operation.	
		15	Normal operation.	
		16	Normal operation.	
		17	No Hazard.	V1:0 V2:0
		18	Output voltage decreased. No hazard.	
		19	Output voltage decreased. No hazard.	
		20	No Hazard.	V1:0 V2:0
	Short	1-2	Normal operation.	
		2-3	No Hazard.	V1:0 V2:0
		3-4	Normal operation.	
		4-5	Normal operation.	
		5-6	Normal operation.	
		6-7	Normal operation.	
		7-8	Normal operation.	
		8-9	Normal operation.	
		9-10	No Hazard.	V1:0 V2:0
		11-12	No Hazard.	V1:0 V2:0
		12-13	No Hazard.	V1:0 V2:0
		13-14	Normal operation.	
		14-15	Normal operation.	

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Component	Mode		Comment	Output Voltage (V)
IC201	Short	15-16	Normal operation.	
		16-17	Normal operation.	
		17-18	Normal operation.	
		18-19	Normal operation.	
		19-20	No Hazard.	V1:0 V2:0
IC501	Open	K	No Hazard.	V1:0 V2:0
		A	No Hazard.	V1:0 V2:0
		R	No Hazard.	V1:0 V2:0
	Short	A-K	Output voltage decreased. No hazard.	
		K-R	Output voltage decreased. No hazard.	
		R-A	No Hazard.	V1:0 V2:0
IC601	Open	K	No Hazard.	V1:0 V2:0
		A	No Hazard.	V1:0 V2:0
		R	No Hazard.	V1:0 V2:0
	Short	A-K	Output voltage decreased. No hazard.	
		K-R	Output voltage decreased. No hazard.	
		R-A	No Hazard.	V1:0 V2:0
J202	Open		Normal operation.	
J501	Open		Normal operation.	
J502	Open		No Hazard.	V1:0 V2:0
J601	Open	Except -3	Normal operation.	
J602	Open		No Hazard.	V1:0 V2:0
L507	Open		See 14 Page.	
	Short		See 14 Page.	

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Component	Mode		Comment	Output Voltage (V)
L510	Open		Normal operation.	
	Short		Normal operation.	
L601	Open		No Hazard.	V2:0
	Short		No Hazard.	V1:0 V2:0
L602	Open		No Hazard.	V2:0
	Short		No Hazard.	V1:0 V2:0
L605	Open		Normal operation.	
	Short		Normal operation.	
PC201	Open	A, K	No Hazard.	V1:0 V2:0
		C, E	No Hazard.	V1:0 V2:0
	Short	A-K	No Hazard.	V1:0 V2:0
		C-E	No Hazard.	V1:0 V2:0
PC202	Open	A, K	Normal operation.	
		C, E	Normal operation.	
	Short	A-K	Normal operation.	
		C-E	No Hazard.	V1:0 V2:0
PC203	Open	A, K	Normal operation.	
		C, E	Normal operation.	
	Short	A-K	Normal operation.	
		C-E	No Hazard.	V1:0 V2:0
PC204	Open	A, K	Normal operation.	
		C, E	Normal operation.	
	Short	A-K	Normal operation.	
		C-E	No Hazard.	V1:0 V2:0

F M E A

Component	Mode		Comment	Output Voltage (V)
SS501	Open	Forward side	See 14 Page.	
		Flyback side	See 14 Page.	
		Cathode side	See 14 Page.	
	Short	Forward side	See 14 Page.	
		Flyback side	See 14 Page.	
SS601	Open	Forward side	See 14 Page.	
		Flyback side	See 14 Page.	
		Cathode side	See 14 Page.	
	Short	Forward side	See 14 Page.	
		Flyback side	See 14 Page.	
T201	Open	1 or 2	See 14 Page.	
		3 or 4	No Hazard.	V2:0
		6 or 8	No Hazard.	V1:0 V2:0
	Short	1-2	See 14 Page.	
		2-3	Normal operation.	
		3-4	See 14 Page.	
		6-8	See 14 Page.	
TR201	Open	D	See 14 Page.	
		S	See 14 Page.	
		G	See 14 Page.	
	Short	D-S	See 14 Page.	
		S-G	See 14 Page.	
		G-D	See 14 Page.	
TR202	Open	C	No Hazard.	V1:0 V2:0

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Component	Mode		Comment	Output Voltage (V)
TR202	Open	E	No Hazard.	V1:0 V2:0
		B	No Hazard.	V1:0 V2:0
	Short	C-E	Normal operation.	
		E-B	No Hazard.	V1:0 V2:0
		B-C	Normal operation.	
TR601	Open	C	No Hazard.	V1:0 V2:0
		E	No Hazard.	V1:0 V2:0
		B	No Hazard.	V1:0 V2:0
	Short	C-E	No Hazard.	V2:Decreased
		E-B	No Hazard.	V1:0 V2:0
		B-C	No Hazard.	V1:0 V2:0
VR201	Open	brush	Output voltage decreased. No hazard.	
			Output voltage decreased. No hazard.	
VR501	Open	brush	Output voltage decreased. No hazard.	
			Output voltage decreased. No hazard.	
VR601	Open	brush	Output voltage decreased. No hazard.	
			Output voltage decreased. No hazard.	
ZD501	Open		Normal operation.	
	Short		No Hazard.	V1:0 V2:0
ZD601	Open		Normal operation.	
	Short		No Hazard.	V1:0 V2:0
ZD602	Open	Only -3	Normal operation.	
	Short	Only -3	No Hazard.	V1:0 V2:0
R201	Open		No Hazard.	V1:0 V2:0

F M E A

Component	Mode	Comment	Output Voltage (V)
R202	Open	No Hazard.	V1:0 V2:0
R203	Open	Normal operation.	
R204	Open	Normal operation.	
R205	Open	No Hazard.	V1:0 V2:0
R206	Open	No Hazard.	V1:0 V2:0
R207	Open	No Hazard.	V1:0 V2:0
R208	Open	Output voltage decreased. No hazard.	
R209	Open	Normal operation.	
R210	Open	Normal operation.	
R211	Open	Normal operation.	
R212	Open	F701 opened, No Hazard.	V1:0 V2:0
R214	Open	Output voltage decreased. No hazard.	
R215	Open	Normal operation.	
R216	Open	Normal operation.	
R218	Open	Normal operation.	
R219	Open	Normal operation.	
R220	Open	Output voltage decreased. No hazard.	
R222	Open	Normal operation.	
R223	Open	Normal operation.	
R501	Open	Normal operation.	
R502	Open	Normal operation.	
R503	Open	No Hazard.	V1:0 V2:0
R505	Open	Output voltage decreased. No hazard.	
R506	Open	No Hazard.	V1:0 V2:0

F M E A

Component	Mode	Comment	Output Voltage (V)
R507	Open	Output voltage decreased. No hazard.	
R508	Open	Normal operation.	
R509	Open	No Hazard.	V1:0 V2:0
R522	Open	Normal operation.	
R523	Open	Normal operation.	
R524	Open	Normal operation.	
R525	Open	Normal operation.	
R526	Open	Normal operation.	
R527	Open	Normal operation.	
R528	Open	Normal operation.	
R529	Open	Normal operation.	
R530	Open	Normal operation.	
R531	Open	Normal operation.	
R532	Open	Normal operation.	
R534	Open	Normal operation.	
R535	Open	Normal operation.	
R536	Open	Normal operation.	
R537	Open	Normal operation.	
R538	Open	Normal operation.	
R541	Open	Normal operation.	
R542	Open	Normal operation.	
R545	Open	Normal operation.	
R546	Open	Normal operation.	
R547	Open	Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage (V)
R601	Open		Normal operation.	
R602	Open		Normal operation.	
R603	Open		Normal operation.	
R604	Open		Normal operation.	
R605	Open		No Hazard.	V1:0 V2:0
R606	Open		No Hazard.	V1:0 V2:0
R607	Open		No Hazard.	V1:0 V2:0
R608	Open		Output voltage decreased. No hazard.	
R609	Open		No Hazard.	V1:0 V2:0
R613	Open		No Hazard.	V2:Decreased
R614	Open		Normal operation.	
R615	Open		Normal operation.	
R616	Open		Normal operation.	
R617	Open		Normal operation.	
R618	Open		Normal operation.	
R621	Open		Normal operation.	
R622	Open		Normal operation.	
R630	Open	Except -1	Normal operation.	
R631	Open	Except -1	Normal operation.	

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
L507	Open		F701 opened, No Hazard.	V1:0 V2:0
	Short		No Hazard.	V1:0 V2:0
SS501	Open	Forward side	Output voltage increased. No hazard.	V2: Increased
		Flyback side	Output voltage increased. No hazard.	V2: Increased
		Cathode side	Output voltage increased. No hazard.	V2: Increased
	Short	Forward side	No Hazard.	V1:0 V2:0
		Flyback side	No Hazard.	V1:0 V2:0
SS601	Open	Forward side	No Hazard.	V2:0
		Flyback side	No Hazard.	V2:0
		Cathode side	No Hazard.	V2:0
	Short	Forward side	No Hazard.	V1:0 V2:0
		Flyback side	No Hazard.	V1:0 V2:0
T201	Open	1 or 2	F701 opened, No Hazard.	V1:0 V2:0
	Short	1-2	No Hazard.	V1:0 V2:0
		3-4	No Hazard.	V1:0 V2:0
		6-8	F701 opened, No Hazard.	V1:0 V2:0
TR201	Open	D	No Hazard.	V1:0 V2:0
		S	No Hazard.	V1:0 V2:0
		G	F701 opened, No Hazard.	V1:0 V2:0
	Short	D-S	F701 opened, No Hazard.	V1:0 V2:0
		S-G	No Hazard.	V1:0 V2:0
		G-D	F701 opened, No Hazard.	V1:0 V2:0