

## ABNORMAL TEST RESULT

OF MODEL LGA75A

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.	
	Short		F101 opened, No hazard.	AVR1:0
C111	Open		Normal operation.	
	Short		F101 opened, No hazard.	AVR1:0
C112	Open		Normal operation.	
	Short		F101 opened, No hazard.	AVR1:0
C201	Open		Normal operation.	
	Short		Normal operation.	
C202	Open		Normal operation.	
	Short		Normal operation.	
C203	Open		No hazard.	AVR1:0
	Short		No hazard.	AVR1:0
C204	Open		Output voltage decreased.	AVR1:decreased
	Short		Normal operation.	
C205	Open	only-3R3, -5	Normal operation.	
	Short	only-3R3, -5	Normal operation.	
C206	Open		Normal operation.	
	Short		Normal operation.	
C207	Open		Normal operation.	
	Short		No hazard.	AVR1:0
C208	Open		Normal operation.	
	Short		Normal operation.	
C209	Open		Output voltage decreased.	AVR1:decreased
	Short		Normal operation.	

## F M E A

Component	Mode		Comment	Output Voltage (V)
C211	Open		See 12 page.	
	Short		See 12 page.	
C212	Open		See 12 page.	
	Short		See 12 page.	
C501	Open		See 12 page.	
	Short		See 12 page.	
C502	Open		See 12 page.	
	Short		See 12 page.	
C503	Open		See 12 page.	
	Short		See 12 page.	
C504	Open		See 12 page.	
	Short		See 12 page.	
C506	Open		Normal operation.	
	Short		Output voltage decreased.	AVR1:decreased
C507	Open	Except-24	See 12 page.	
	Short	Except-24	Output voltage decreased.	AVR1:decreased
C601	Open	Except-3R3, -	Normal operation.	
	Short	Except-3R3, -	Output voltage decreased.	AVR1:decreased
C602	Open	Except-3R3, -	Output voltage decreased.	AVR1:decreased
	Short	Except-3R3, - 5	Output voltage decreased.	AVR1:decreased
C603	Open	Only-3R3, -5	Output voltage decreased.	AVR1:decreased
	Short	Only-3R3, -5	Output voltage decreased.	AVR1:decreased
D201	Open		Normal operation.	
	Short		Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage (V)
D204	Open		No hazard.	AVR1:0
	Short		No hazard.	AVR1:0
D205	Open		Normal operation.	
	Short		Normal operation.	
D210	Open		Normal operation.	
	Short		Normal operation.	
IC201	Open	1	No hazard.	AVR1:0
		2	No hazard.	AVR1:0
		3	No hazard.	AVR1:0
		4	Normal operation.	
		5	Normal operation.	
		6	Normal operation.	
		7	Normal operation.	
		8	Normal operation.	
		9	Normal operation.	
		10	Normal operation.	
		11	See 12 page.	AVR1:0
		12	See 12 page.	AVR1:2.55
		13	See 12 page.	AVR1:0.2
		14	Normal operation.	
		15	Normal operation.	
		16	Normal operation.	
		17	No hazard.	AVR1:0
		18	Output voltage decreased.	AVR1:decreased

## F M E A

Component	Mode		Comment	Output Voltage (V)
IC201	Open	19	Output voltage decreased.	AVR1:decreased
		20	No hazard.	AVR1:0
	Short	1-2	Normal operation.	
		2-3	No hazard.	AVR1:0
		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.	AVR1:0
		11-12	No hazard.	AVR1:0
		12-13	No hazard.	AVR1:0
		13-14	Output voltage decreased.	AVR1:0.2
		14-15	Normal operation.	
		15-16	Normal operation.	
		16-17	Normal operation.	
		17-18	Normal operation.	
		18-19	Normal operation.	
		19-20	No hazard.	AVR1:0
IC601	Open	K	No hazard.	AVR1:0
		A	No hazard.	AVR1:0
		R	No hazard.	AVR1:0
	Short	A-K	Output voltage decreased.	AVR1:decreased

F M E A

Component	Mode		Comment	Output Voltage (V)
IC601	Short	K-R	Output voltage decreased.	AVR1:decreased
		R-A	No hazard.	AVR1:0
J201	Open		No hazard.	AVR1:0
J202	Open	Except-3R3, -	Normal operation.	
J204	Open		No hazard.	AVR1:0
J501	Open		No hazard.	AVR1:0
J502	Open		No hazard.	AVR1:0
J503	Open		No hazard.	AVR1:0
J601	Open	Except-3R3, -	Normal operation.	
L101	Open		Normal operation.	
	Short		No hazard.	AVR1:0
L507	Open		See 12 page.	AVR1:0
	Short		Output voltage decreased.	AVR1:decreased
PC201	Open	A, K	Normal operation.	
		C, E	Normal operation.	
	Short	A-K	Normal operation.	
		C-E	No hazard.	AVR1:0
PC202	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
SS101	Open		No hazard.	AVR1:0
	Short		F101 opened, No hazard.	AVR1:0
SS501	Open	Cathode	See 12 page.	AVR1:0

## F M E A

Component	Mode		Comment	Output Voltage (V)
SS501	Open	Alternative	See 12 page.	AVR1:0
	Short		No hazard.	AVR1:0
T101	Open	2or3	No hazard.	AVR1:0
		4or5	No hazard.	AVR1:0
		6or7	No hazard.	AVR1:0
		9or10	No hazard.	AVR1:0
	Short	2-3	See 12 page.	AVR1:0
		3-4	See 12 page.	AVR1:0
		4-5	See 12 page.	AVR1:0
		6, 7-9, 10	See 12 page.	AVR1:0
TH101	Open		No hazard.	AVR1:0
	Short			
TR201	Open	D	See 12 page.	AVR1:0
		S	See 12 page.	AVR1:0
		G	See 12 page.	AVR1:0
	Short	D-S	See 12 page.	AVR1:0
		S-G	See 12 page.	AVR1:0
		G-D	See 12 page.	AVR1:0
ZD201	Open		Normal operation.	
	Short		Output voltage decreased.	AVR1:decreased
ZD601	Open		Normal operation.	
	Short		No hazard.	AVR1:0
ZD602	Open	Only-48		
	Short	Only-48		

## F M E A

Component	Mode		Comment	Output Voltage (V)
ZD603	Open	Only-48		
	Short	Only-48		
R101	Open		Normal operation.	
R102	Open		Normal operation.	
R103	Open		Normal operation.	
R106	Open		Normal operation.	
R107	Open		Normal operation.	
R108	Open		Normal operation.	
R109	Open		Normal operation.	
R201	Open		Normal operation.	
R202	Open		No hazard.	AVR1:0
R203	Open		Output voltage decreased.	AVR1:decreased
R204	Open		Output voltage decreased.	AVR1:decreased
R205	Open		Normal operation.	
R206	Open		Normal operation.	
R207	Open		Normal operation.	
R208	Open		Normal operation.	
R209	Open		Normal operation.	
R210	Open		Normal operation.	
R211	Open		Normal operation.	
R212	Open		Normal operation.	
R215	Open		No hazard.	
R216	Open		Normal operation.	
R217	Open		Normal operation.	



F M E A

Component	Mode		Comment	Output Voltage (V)
R218	Open		See 12 page.	
R219	Open		See 12 page.	
R221	Open		No hazard.	AVR1:0
R222	Open		No hazard.	AVR1:0
R223	Open		No hazard.	AVR1:0
R231	Open		Normal operation.	
R232	Open		Normal operation.	
R233	Open		Normal operation.	
R234	Open		Normal operation.	
R235	Open		Normal operation.	
R507	Open		Normal operation.	
R508	Open		Normal operation.	
R509	Open		Normal operation.	
R510	Open		Normal operation.	
R511	Open		Normal operation.	
R512	Open		Normal operation.	
R521	Open		Normal operation.	
R522	Open		Normal operation.	
R523	Open		Normal operation.	
R524	Open		Normal operation.	
R525	Open		Normal operation.	
R526	Open	Except-24, -48	Normal operation.	
R527	Open	Except-24, -48	Normal operation.	
R528	Open	Except-3R3, -	Normal operation.	

## F M E A

Component	Mode		Comment	Output Voltage (V)
R601	Open		Normal operation.	
R603	Open		No hazard.	AVR1:0
R604	Open	Except-3R3, --	Normal operation.	
R605	Open		Normal operation.	
R606	Open		Output voltage decreased.	AVR1:decreased
R607	Open		No hazard.	AVR1:0
R608	Open		No hazard.	AVR1:0
R609	Open		Output voltage decreased.	AVR1:decreased
R610	Open	Except-3R3	Output voltage decreased.	AVR1:decreased
VR601	Open	brush		
		only-3R3		
	Short	only-3R3		

## ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
C211	Open		Normal operation.	
	Short		Normal operation.	
C212	Open		Normal operation.	
	Short		Normal operation.	
C501	Open		Normal operation.	
	Short		Normal operation.	
C502	Open		Normal operation.	
	Short		Normal operation.	
C503	Open		Normal operation.	
	Short		Normal operation.	
C504	Open		Normal operation.	
	Short		Normal operation.	
C507	Open	Except-24	Normal operation.	
IC201	Open	11	No hazard.	AVR1:0
		12	No hazard.	AVR1:2.55
		13	No hazard.	AVR1:0.2
L507	Open		No hazard.	AVR1:0
SS501	Open	Cathode	No hazard.	AVR1:0
		Alternative	No hazard.	AVR1:0
T101	Short	2-3	No hazard.	AVR1:0
		3-4	No hazard.	AVR1:0
		4-5	No hazard.	AVR1:0
		6, 7-9, 10	No hazard.	AVR1:0
TR201	Open	D	No hazard.	AVR1:0



ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
TR201	Open	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	No hazard.	AVR1:0
R218	Open		Normal operation.	
R219	Open		Normal operation.	