

## ABNORMAL TEST RESULT

OF MODEL MGXW624□□

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 : 2/10 ~ 9/10)

( Abnormal Test Result: 10/10 ~ 10/10)

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)
C11	Open	Normal operation.	
	Short	No Hazard.	AVR1:0 AVR2:0
C12	Open	No Hazard.	AVR1:0 AVR2:0
	Short	External Fuse opened, No hazard.	AVR1:0 AVR2:0
C13	Open	Normal operation.	
	Short	Normal operation.	
C21	Open	Normal operation.	
	Short	Normal operation.	
C22	Open	Output voltage decreased. No hazard.	AVR1:decreased AVR2:decreased
	Short	External Fuse opened, No hazard.	AVR1:0 AVR2:0
C31	Open	Normal operation.	
	Short	External Fuse opened, No hazard.	AVR1:0 AVR2:0
C32	Open	Normal operation.	
	Short	No Hazard.	AVR1:0 AVR2:0
C33	Open	Output voltage decreased. No hazard.	AVR1:decreased AVR2:decreased
	Short	No Hazard.	AVR1:0 AVR2:0
C34	Open	Normal operation.	
	Short	Normal operation.	
C41	Open	Normal operation.	
	Short	External Fuse opened, No hazard.	AVR1:0 AVR2:0
C42	Open	Normal operation.	
	Short	See 10 Page.	
C51	Open	Normal operation.	
	Short	See 10 Page.	

F M E A

Component	Mode	Comment	Output Voltage (V)
C52	Open	Normal operation.	
	Short	See 10 Page.	
C53	Open	Normal operation.	
	Short	See 10 Page.	
C54	Open	Normal operation.	
	Short	See 10 Page.	
C71	Open	Output voltage decreased. No hazard.	AVR1:decreased AVR2:decreased
	Short	Output voltage decreased. No hazard.	AVR1:decreased AVR2:decreased
C72	Open	Output voltage decreased. No hazard.	AVR1:decreased AVR2:decreased
	Short	Output voltage decreased. No hazard.	AVR1:decreased AVR2:decreased
C101	Open	Normal operation.	
	Short	See 10 Page.	
C102	Open	Normal operation.	
	Short	See 10 Page.	
C111	Open	Normal operation.	
	Short	See 8 Page.	
C112	Open	Normal operation.	
	Short		
C201	Open	Normal operation.	
	Short	See 10 Page.	
C202	Open	Normal operation.	
	Short	See 10 Page.	
C203	Open	Normal operation.	
	Short	See 10 Page.	

F M E A

Component	Mode		Comment	Output Voltage (V)
C204	Open		Normal operation.	
	Short		See 10 Page.	
C211	Open		Normal operation.	
	Short		External Fuse opened, No hazard.	AVR1:0 AVR2:0
D11	Open		Normal operation.	
	Short		Normal operation.	
D21	Open		Normal operation.	
	Short		External Fuse opened, No hazard.	AVR1:0 AVR2:0
D31	Open		Normal operation.	
	Short		External Fuse opened, No hazard.	AVR1:0 AVR2:0
D201	Open		No Hazard.	AVR1:0 AVR2:0
	Short		External Fuse opened, No hazard.	AVR1:0 AVR2:0
D202	Open		No Hazard.	AVR1:0 AVR2:0
	Short		External Fuse opened, No hazard.	AVR1:0 AVR2:0
IC11	Open	1	No Hazard.	AVR1:0 AVR2:0
		2	See 10 Page.	
		3	No Hazard.	AVR1:0 AVR2:0
		4	Normal operation.	
		5	No Hazard.	AVR1:0 AVR2:0
		6	No Hazard.	AVR1:0 AVR2:0
		7	External Fuse opened, No hazard.	AVR1:0 AVR2:0
		8	No Hazard.	AVR1:0 AVR2:0
	Short	1-2	External Fuse opened, No hazard.	AVR1:0 AVR2:0
		2-3	Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage (V)
IC11	Short	3-4	Output voltage decreased. No hazard.	AVR1:decreased AVR2:decreased
		5-6	No Hazard.	AVR1:0 AVR2:0
		6-7	Output voltage decreased. No hazard.	AVR1:decreased AVR2:decreased
		7-8	Output voltage decreased. No hazard.	AVR1:decreased AVR2:decreased
IC12	Open	1	External Fuse opened, No hazard.	AVR1:0 AVR2:0
		2	Normal operation.	
		3	External Fuse opened, No hazard.	AVR1:0 AVR2:0
		4	Normal operation.	
		5	See 10 Page.	
		6	No Hazard.	AVR1:0 AVR2:0
	Short	1-2	External Fuse opened, No hazard.	AVR1:0 AVR2:0
		2-3	No Hazard.	AVR1:0 AVR2:0
		4-5	External Fuse opened, No hazard.	AVR1:0 AVR2:0
		5-6	No Hazard.	AVR1:0 AVR2:0
IC71	Open	1	No Hazard.	AVR1:0 AVR2:0
		3	No Hazard.	AVR1:0 AVR2:0
		6	No Hazard.	AVR1:0 AVR2:0
L11	Open		No Hazard.	AVR1:0 AVR2:0
	Short		Normal operation.	
L51	Open		No Hazard.	AVR1:0 AVR2:0
	Short		Normal operation.	
L52	Open		No Hazard.	AVR1:0 AVR2:0
	Short		Normal operation.	
PC11	Open	A, K	No Hazard.	AVR1:0 AVR2:0

## F M E A

Component	Mode		Comment	Output Voltage (V)
PC11	Open	C, E	No Hazard.	AVR1:0 AVR2:0
	Short	A-K	No Hazard.	AVR1:0 AVR2:0
		C-E	No Hazard.	AVR1:0 AVR2:0
PTH31	Open		No Hazard.	AVR1:0 AVR2:0
	Short		Normal operation.	
R11	Open		No Hazard.	AVR1:0 AVR2:0
R12	Open		No Hazard.	AVR1:0 AVR2:0
R13	Open		Normal operation.	
R14	Open		External Fuse opened, No hazard.	AVR1:0 AVR2:0
R15	Open		External Fuse opened, No hazard.	AVR1:0 AVR2:0
R16	Open		Normal operation.	
R17	Open		No Hazard.	AVR1:0 AVR2:0
R18	Open		Normal operation.	
R19	Open		Normal operation.	
R21	Open		Normal operation.	
R22	Open		Normal operation.	
R24	Open		No Hazard.	AVR1:0 AVR2:0
R31	Open		No Hazard.	AVR1:0 AVR2:0
R33	Open		Normal operation.	
R41	Open		Normal operation.	
R42	Open		No Hazard.	AVR1:0 AVR2:0
R43	Open		Normal operation.	
R71	Open		No Hazard.	AVR1:0 AVR2:0
R72	Open		No Hazard.	AVR1:0 AVR2:0

F M E A

Component	Mode		Comment	Output Voltage (V)
R73	Open		Output voltage decreased. No hazard.	AVR1:decreased AVR2:decreased
R74	Open		No Hazard.	AVR1:0 AVR2:0
R75	Open		Output voltage decreased. No hazard.	AVR1:decreased AVR2:decreased
R76	Open		Output voltage decreased. No hazard.	AVR1:decreased AVR2:decreased
R77	Open		Normal operation.	
R111	Open		No Hazard.	
R112	Open		Normal operation.	
SS41	Open	1	No Hazard.	AVR1:0
		2	Normal operation.	
		3	No Hazard.	AVR1:0
	Short	1-2	Output voltage decreased. No hazard.	AVR1:decreased
		1-3	Output voltage decreased. No hazard.	AVR1:decreased
		2-3	Normal operation.	
T11	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
		8	No Hazard.	AVR1:0
	Short	1-2	External Fuse opened, No hazard.	AVR1:0
		1-6	External Fuse opened, No hazard.	AVR1:0
		3-4		AVR1:0
		7-8		AVR1:0
		3-4		

F M E A

Component	Mode		Comment	Output Voltage (V)
T11	Short	4-5		
		5-6		
		6-7		
		7-8		
TR11	Open	D	See 10 Page.	
		S	See 10 Page.	
		G	See 10 Page.	
	Short	D-S	See 10 Page.	
		S-G	See 10 Page.	
		G-D	See 10 Page.	
TR12	Open	1	Normal operation.	
		2	Normal operation.	
		3	Normal operation.	
		4	Normal operation.	
		5	Normal operation.	
		6	Normal operation.	
	Short	1-2	No Hazard.	AVR1:0 AVR2:0
		2-3	Normal operation.	
		4-5	Normal operation.	
		5-6	External Fuse opened, No hazard.	AVR1:0 AVR2:0
TR13	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	AVR1:0 AVR2:0





F M E A

Component	Mode		Comment	Output Voltage (V)
TR13	Short	E-B	Normal operation.	
		B-C	Output voltage decreased. No hazard.	AVR1:decreased AVR2:decreased
TR101	Open	D	Normal operation.	
		S	Normal operation.	
		G	No Hazard.	
	Short	D-S	Normal operation.	
		S-G	Normal operation.	
		G-D	No Hazard.	
ZD11	Open		Normal operation.	
	Short		Output voltage decreased. No hazard.	AVR1:decreased AVR2:decreased
ZD21	Open		No Hazard.	AVR1:0    AVR2:0
	Short		Normal operation.	

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
C42	Short		External Fuse opened, No hazard.	AVR1:0 AVR2:0
C51	Short		No Hazard.	AVR1:0 AVR2:0
C52	Short		No Hazard.	AVR1:0 AVR2:0
C53	Short		No Hazard.	AVR1:0 AVR2:0
C54	Short		No Hazard.	AVR1:0 AVR2:0
C101	Short		External Fuse opened, No hazard.	AVR1:0 AVR2:0
C102	Short		External Fuse opened, No hazard.	AVR1:0 AVR2:0
C201	Short		No Hazard.	AVR1:0 AVR2:0
C202	Short		No Hazard.	AVR1:0 AVR2:0
C203	Short		No Hazard.	AVR1:0 AVR2:0
C204	Short		No Hazard.	AVR1:0 AVR2:0
IC11	Open	2	External Fuse opened, No hazard.	AVR1:0 AVR2:0
IC12	Open	5	External Fuse opened, No hazard.	AVR1:0 AVR2:0
TR11	Open	D	No Hazard.	AVR1:0 AVR2:0
		S	No Hazard.	AVR1:0 AVR2:0
		G	External Fuse opened, No hazard.	AVR1:0 AVR2:0
	Short	D-S	External Fuse opened, No hazard.	AVR1:0 AVR2:0
		S-G	No Hazard.	AVR1:0 AVR2:0
		G-D	External Fuse opened, No hazard.	AVR1:0 AVR2:0