

ABNORMAL TEST RESULT

OF MODEL STMGF30

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/ 4 ~ 3/ 4)

(Abnormal Test Result: 4/ 4 ~ 4/ 4)

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		F11 opened, No hazard.	AVR1:0 AVR2:0
C17	Open		Normal operation.	
	Short		F11 opened, No hazard.	AVR1:0 AVR2:0
C18	Open		Normal operation.	
	Short		F11 opened, No hazard.	AVR1:0 AVR2:0
C19	Open		Normal operation.	
	Short		F11 opened, No hazard.	AVR1:0 AVR2:0
C20	Open		Normal operation.	
	Short		Normal operation.	
C51	Open		Normal operation.	
	Short		Normal operation.	
C52	Open		Normal operation.	
	Short		Normal operation.	
C53	Open		Normal operation.	
	Short		No hazard.	AVR1:0 AVR2:0
C54	Open	12V/15V only	Normal operation.	
	Short	12V/15V only	No hazard.	AVR1:0 AVR2:0
C56	Open		Normal operation.	
	Short		No hazard.	AVR1:0 AVR2:0
C57	Open	12V/15V only	Normal operation.	
	Short	12V/15V only	No hazard.	AVR1:0 AVR2:0
CN4	Open		No hazard.	AVR1:0 AVR2:0
	Short		Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage (V)
D11	Open		Normal operation.	
	Short		F11 opened, No hazard.	AVR1:0 AVR2:0
D51	Open		Normal operation.	
	Short		No hazard.	AVR1:0 AVR2:0
F11	Open		No hazard.	AVR1:0 AVR2:0
L11	Open		No hazard.	AVR1:0 AVR2:0
	Short		Normal operation.	
PS1	Short	+VIN_-VIN	F11 opened, No hazard.	AVR1:0 AVR2:0
		-Vo_RC	Normal operation.	
		+Vo_COM	No hazard.	AVR1:0 AVR2:0
		-Vo_COM	No hazard.	AVR1:0 AVR2:0
	+VIN : Open		No hazard.	AVR1:0 AVR2:0
	-VIN : Open		No hazard.	AVR1:0 AVR2:0
	RC : Open		See 4page.	AVR1:0 AVR2:0
	+Vo : Open		Output voltage AVR1 decreased, AVR2 increased. No hazard.	AVR1:0 AVR2:increased
	COM : Open		Output voltage decreased/increased. Depends on the load impedance. No hazard.	AVR1:0~Vo×2 AVR2:0~Vo×2
	-Vo : Open		Output voltage AVR1 increased, AVR2 decreased. No hazard.	AVR1:increased AVR2:0
R11	Open		No hazard.	AVR1:0 AVR2:0
R12	Open		No hazard.	AVR1:0 AVR2:0



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Component	Mode	Comment	Output Voltage (V)
PS1	RC : Open	No hazard.	AVR1:0 AVR2:0