



## ABNORMAL TEST RESULT

OF MODEL TEPS10F/TECS10F

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)
C111	Open	Output voltage decreased.No hazard.	AVR1:decreased
	Short	F101 opened,No hazard.	AVR1:0
C201	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C202	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C203	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C211	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased.No hazard.	AVR1:decreased
C212	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased.No hazard.	AVR1:decreased
C213	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C221	Open	No Hazard.	AVR1:*
	Short	No Hazard.	AVR1:0
C222 (Only -5)	Open	No Hazard.	AVR1:*
	Short	No Hazard.	AVR1:*
C231	Open	Normal operation.	AVR1:*
	Short	F101 opened,No hazard.	AVR1:0
C251	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C252	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0



## F M E A

Component	Mode	Comment	Output Voltage (V)
C301	Open	See page 10.	
	Short	F101 opened, No hazard.	AVR1:0
C311	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C601	Open	Output voltage decreased. No hazard.	AVR1:*
	Short	No Hazard.	AVR1:0
C602 (Only -5)	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C671	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C672 (Only -12, -5)	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C681 (Only -12, -24)	Open	Normal operation.	AVR1:*
	Short	R681 opened, No hazard.	AVR1:*
C711	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C721	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:*
C731	Open	No Hazard.	AVR1:*
	Short	No Hazard.	AVR1:*
C741 (Only -5)	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C742 (Only -5)	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0



## F M E A

Component	Mode	Comment	Output Voltage (V)
C801	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D111	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D201	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
D251	Open	TR301 opened, No hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
D301	Open	Normal operation.	AVR1:*
	Short	F101 opened, No hazard.	AVR1:0
D311	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
D601	Open	See page 10.	
	Short	No Hazard.	AVR1:0
D602	Open	See page 10.	
	Short	No Hazard.	AVR1:0
D671	Open	See page 10.	
	Short	See page 10.	
D672	Open	See page 10.	
	Short	See page 10.	
D711	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
D712	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased



## F M E A

Component	Mode		Comment	Output Voltage (V)
IC201	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	F101 opened, No hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
		8	Normal operation.	AVR1:*
	Short	1-2	No Hazard.	AVR1:0
		2-3	No Hazard.	AVR1:0
		3-4	F101 opened, No hazard.	AVR1:0
		5-6	IC201 opened, No hazard.	AVR1:0
IC701	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:0
IC702 (Only -12, -5)	Open		Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	Normal operation.	AVR1:*
	Short	1-2	No Hazard.	AVR1:0
L111	Open		No Hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
L201	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
L671	Open		See page 10.	



## F M E A

Component	Mode		Comment	Output Voltage (V)
L671	Short		See page 10.	
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
PC102	Open	A, K	Normal operation.	AVR1:*
		C, E	Normal operation.	AVR1:*
	Short	A-K	Normal operation.	AVR1:*
		C-E	No Hazard.	AVR1:0
R111	Open		Normal operation.	AVR1:*
R201	Open		Normal operation.	AVR1:*
R203	Open		Normal operation.	AVR1:*
R204	Open		Normal operation.	AVR1:*
R211	Open		No Hazard.	AVR1:0
R212	Open		No Hazard.	AVR1:0
R221 (Only -5)	Open		No Hazard.	AVR1:*
R231	Open		F101 opened, No hazard.	AVR1:0
R232	Open		No Hazard.	AVR1:0
R233	Open		Normal operation.	AVR1:*
R251	Open		No Hazard.	AVR1:0
R253	Open		See page 10.	
R254	Open		No Hazard.	AVR1:0
R255	Open		Normal operation.	AVR1:*
R281	Open		Normal operation.	AVR1:*



## F M E A

Component	Mode	Comment	Output Voltage (V)
R301	Open	No Hazard.	AVR1:0
R311	Open	Normal operation.	AVR1:*
R312	Open	Normal operation.	AVR1:*
R681 (Only -12, -24)	Open	Normal operation.	AVR1:*
R711	Open	No Hazard.	AVR1:0
R712	Open	No Hazard.	AVR1:0
R713	Open	No Hazard.	AVR1:0
R714	Open	No Hazard.	AVR1:0
R715	Open	Normal operation.	AVR1:*
R716	Open	Normal operation.	AVR1:*
R721	Open	No Hazard.	AVR1:0
R722	Open	No Hazard.	AVR1:*
R731	Open	No Hazard.	AVR1:*
R732	Open	No Hazard.	AVR1:0
R741	Open	No Hazard.	AVR1:*
R742 (Except:-5)	Open	No Hazard.	AVR1:*
R751 (Only -12, -5)	Open	Normal operation.	AVR1:*
R752 (Only -12, -5)	Open	Normal operation.	AVR1:*
R753 (Only -12, -5)	Open	No Hazard.	AVR1:0
R761	Open	Normal operation.	AVR1:*
R762 (Only -24)	Open	Normal operation.	AVR1:*
R764	Open	Normal operation.	AVR1:*
SS101	Open	No Hazard.	AVR1:0
	Short	F101 opened, No hazard.	AVR1:0



## F M E A

Component	Mode		Comment	Output Voltage (V)
T101	Open	1	No Hazard.	AVR1:0
		3	Normal operation.	AVR1:*
		4	Normal operation.	AVR1:*
		5	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
		7	No Hazard.	AVR1:0
	Short	1-2	F101 opened, No hazard.	AVR1:0
		3-4	No Hazard.	AVR1:0
		4-5	F101 opened, No hazard.	AVR1:0
		6-7	No Hazard.	AVR1:0
TH101	Open		No Hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
TR251	Open	C	No Hazard.	AVR1:0
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	Normal operation.	AVR1:*
		E-B	Normal operation.	AVR1:*
		B-C	Normal operation.	AVR1:*
TR301	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	No Hazard.	AVR1:0
	Short	D-S	See page 10.	
		S-G	No Hazard.	AVR1:0
		G-D	See page 10.	





F M E A

Component	Mode	Comment	Output Voltage (V)
ZD201	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
ZD251	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
ZD751 (Only -15, -24)	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0



ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
C301	Open		Normal operation.	AVR1:*
D601	Open		Normal operation.	AVR1:*
D602	Open		Normal operation.	AVR1:*
D671	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D672	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
L671	Open		Normal operation.	AVR1:*
R253	Open		Normal operation.	AVR1:*
TR301	Short	D-S	F101 opened, No hazard.	AVR1:0
		G-D	F101 opened, No hazard.	AVR1:0