

## ABNORMAL TEST RESULT

OF MODEL SUS348\*\*/SUCS348\*\*

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 ~ 7/10)

( Abnormal Test Result: 8/10 ~ 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
C10	Open	Normal operation.	
	Short	F11 opened, No Hazard.	0[V]
C12	Open	Normal operation.	
	Short	F11 opened, No Hazard.	0[V]
C13	Open	Normal operation.	
	Short	Normal operation.	
C21	Open	Normal operation.	
	Short	Normal operation.	
C22	Open	See 8 Page.	
	Short	Normal operation.	
C23	Open	See 8 Page.	
	Short	See 8 Page.	
C40	Open	Normal operation.	
	Short	Normal operation.	
C50	Open	See 8 Page.	
	Short	See 8 Page.	
C51	Open	Normal operation.	
	Short	See 8 Page.	
C61	Open	Normal operation.	
	Short	See 8 Page.	
C62	Open	Normal operation.	
	Short	See 8 Page.	
D11	Open	Normal operation.	
	Short	No Hazard.	0[V]

F M E A

Component	Mode		Comment	Output Voltage
D21	Open	Except 12	Normal operation.	
	Short	Except 12	Normal operation.	
D22	Open		See 8 Page.	
	Short		Normal operation.	
D23	Open		See 8 Page.	
	Short		See 8 Page.	
D24	Open		Normal operation.	
	Short		See 8 Page.	
D51	Open		Normal operation.	
	Short		See 8 Page.	
D52	Open		Normal operation.	
	Short		See 8 Page.	
D61	Open		Normal operation.	
	Short		Normal operation.	
IC61	Open	K	See 8 Page.	
		A	See 8 Page.	
		R	See 8 Page.	
	Short	A-K	See 8 Page.	
		K-R	See 8 Page.	
		R-A	See 8 Page.	
L11	Open		No Hazard.	0[V]
	Short		Normal operation.	
L51	Open		See 8 Page.	
	Short		Normal operation.	

## F M E A

Component	Mode		Comment	Output Voltage
PC11	Open	A, K	See 8 Page.	
		C, E	See 8 Page.	
	Short	A-K	See 8 Page.	
		C-E	See 9 Page.	
T11	Open	1	F11 opened, No Hazard.	0[V]
		2	F11 opened, No Hazard.	0[V]
		3	Normal operation.	
		4	Normal operation.	
		5	Normal operation.	
		6	Normal operation.	
		7	No Hazard.	0[V]
		8	No Hazard.	0[V]
	Short	1-2	F11 opened, No Hazard.	0[V]
		2-3	Normal operation.	
		3-4	F11 opened, No Hazard.	0[V]
		4-5	F11 opened, No Hazard.	0[V]
		5-6	F11 opened, No Hazard.	0[V]
		6-7	Normal operation.	
		7-8	F11 opened, No Hazard.	0[V]
TR11	Open	D	See 9 Page.	
		S	See 9 Page.	
		G	See 9 Page.	
	Short	D-S	See 9 Page.	
		S-G	See 9 Page.	

## F M E A

Component	Mode		Comment	Output Voltage
TR11	Short	G-D	See 9 Page.	
TR12	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	Normal operation.	
		E-B	Normal operation.	
		B-C	Normal operation.	
TR21	Open	C	See 9 Page.	
		E	See 9 Page.	
		B	See 9 Page.	
	Short	C-E	No Hazard.	0[V]
		E-B	See 9 Page.	
		B-C	No Hazard.	0[V]
TR41	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	0[V]
		E-B	Normal operation.	
		B-C	No Hazard.	0[V]
TR61	Open	C	See 9 Page.	
		E	See 9 Page.	
		B	See 9 Page.	
	Short	C-E	See 9 Page.	
		E-B	See 9 Page.	

F M E A

Component	Mode		Comment	Output Voltage
TR61	Short	B-C	See 9 Page.	
ZD11	Open		Normal operation.	
	Short		Normal operation.	
ZD12	Open		Normal operation.	
	Short		Normal operation.	
ZD21	Open		Normal operation.	
	Short		See 9 Page.	
ZD22	Open		Normal operation.	
	Short		Normal operation.	
R11	Open		Normal operation.	
R12	Open		Normal operation.	
R13	Open		Normal operation.	
R14	Open		Normal operation.	
R15	Open		Normal operation.	
R16	Open		Normal operation.	
R21	Open		Normal operation.	
R22	Open		Normal operation.	
R23	Open		Normal operation.	
R24	Open	Except 12	Normal operation.	
R25	Open		See 9 Page.	
R26	Open		See 9 Page.	
R27	Open		Normal operation.	
R28	Open		Normal operation.	
R29	Open		Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage
R30	Open		Normal operation.	
R31	Open		Normal operation.	
R32	Open		Normal operation.	
R40	Open		Normal operation.	
R41	Open		Normal operation.	
R42	Open		Normal operation.	
R50	Open		Normal operation.	
R60	Open		See 9 Page.	
R61	Open	3R3, 05	See 9 Page.	
		12, 15	Normal operation.	
R62	Open		Normal operation.	
R63	Open		See 9 Page.	
R64	Open		Normal operation.	
R65	Open		Normal operation.	
R66	Open	Only 12, 15	Normal operation.	
R67	Open		See 9 Page.	
R68	Open		See 10 Page.	
R69	Open		See 10 Page.	
R70	Open		Normal operation.	
R71	Open	Except 12	Normal operation.	
R72	Open	Only 3R3, 12	Normal operation.	
R73	Open		Normal operation.	
R74	Open	Only 12	Normal operation.	

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage
C22	Open		No Hazard.	Increased
C23	Open		No Hazard.	Decreased
	Short		F11 opened, No Hazard.	0[V]
C50	Open		TR11 broke, F11 opened, No Hazard.	0[V]
	Short		No Hazard.	0[V]
C51	Short		No Hazard.	Decreased
C61	Short		No Hazard.	Decreased
C62	Short		No Hazard.	
D22	Open		No Hazard. (Only 05) TR11 broke, F11 opened, No Hazard.	Increased(Only 05) 0[V]
D23	Open		No Hazard.	Increased
	Short		No Hazard.	Increased
D24	Short		No Hazard.	Decreased
D51	Short		F11 opened, No Hazard. (Only 3R3, 12) TR11 broke, F11 opened, No Hazard.	0[V]
D52	Short		F11 opened, No Hazard. (Only 3R3, 12) TR11 broke, F11 opened, No Hazard.	0[V]
IC61	Open	K	No Hazard. (Only 05) TR11 broke, F11 opened, No Hazard.	Increased(Only 05) 0[V]
		A	No Hazard. (Only 05) TR11 broke, F11 opened, No Hazard.	Increased(Only 05) 0[V]
		R	No Hazard. (Only 05) TR11 broke, F11 opened, No Hazard.	Increased(Only 05) 0[V]
	Short	A-K	No Hazard.	Decreased
		K-R	No Hazard.	Decreased
		R-A	No Hazard. (Only 05) TR11 broke, F11 opened, No Hazard.	Increased(Only 05) 0[V]
L51	Open		No Hazard. (Only 05) TR11 broke, F11 opened, No Hazard.	0[V]
PC11	Open	A, K	No Hazard. (Only 05) TR11 broke, F11 opened, No Hazard.	Increased(Only 05) 0[V]
		C, E	No Hazard. (Only 05) TR11 broke, F11 opened, No Hazard.	Increased(Only 05) 0[V]
	Short	A-K	No Hazard. (Only 05) TR11 broke, F11 opened, No Hazard.	Increased(Only 05) 0[V]



ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage
PC11	Short	C-E	No Hazard.	Decreased
TR11	Open	D	No Hazard.	0[V]
		S	No Hazard.	0[V]
		G	No Hazard.	0[V]
	Short	D-S	F11 opened, No Hazard.	0[V]
		S-G	No Hazard.	0[V]
		G-D	F11 opened, No Hazard.	0[V]
TR21	Open	C	F11 opened, No Hazard.	0[V]
		E	F11 opened, No Hazard.	0[V]
		B	F11 opened, No Hazard.	0[V]
	Short	E-B	F11 opened, No Hazard.	0[V]
TR61	Open	C	TR11 broke, F11 opened, No Hazard.	Increased
		E	TR11 broke, F11 opened, No Hazard.	Increased
		B	TR11 broke, F11 opened, No Hazard.	Increased
	Short	C-E	No Hazard.	Decreased
		E-B	TR11 broke, F11 opened, No Hazard.	Increased
		B-C	No Hazard.	Decreased
ZD21	Short		No Hazard.	Decreased
R25	Open		No Hazard.	Increased
R26	Open		TR11 broke, F11 opened, No Hazard. (Only 05) No Hazard.	Increased
R60	Open		No Hazard. (Only 05) TR11 broke, F11 opened, No Hazard.	Increased(Only 05) 0[V]
R61	Open	Only 3R3, 05	TR11 broke, F11 opened, No Hazard.	Increased
R63	Open		No Hazard. (Only 05) TR11 broke, F11 opened, No Hazard.	Increased(Only 05) 0[V]
R67	Open		No Hazard. (Only 05) TR11 broke, F11 opened, No Hazard.	Increased(Only 05) 0[V]



ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage
R68	Open	No Hazard.	Decreased
R69	Open	No Hazard.	Decreased