

## ABNORMAL TEST RESULT

OF MODEL SUS/SUCS101212  
SUS/SUCS101215

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
C11	Open	Normal operation.	
	Short	See 11 Page.	
C21	Open	Normal operation.	
	Short	No Hazard.	0[V]
C22	Open	See 11 Page.	
	Short	No Hazard.	0[V]
C23	Open	Normal operation.	
	Short	No Hazard.	0[V]
C31	Open	Normal operation.	
	Short	See 11 Page.	
C32	Open	Normal operation.	
	Short	No Hazard.	0[V]
C34	Open	Normal operation.	
	Short	Normal operation.	
C41	Open	Normal operation.	
	Short	Normal operation.	
C42	Open	No Hazard.	
	Short	No Hazard.	
C43	Open	Normal operation.	
	Short	No Hazard.	
C51	Open	Normal operation.	
	Short	No Hazard.	0[V]
C53	Open	Normal operation.	
	Short	No Hazard.	0[V]

F M E A

Component	Mode		Comment	Output Voltage
C58	Open		Normal operation.	
	Short		No Hazard.	0[V]
C61	Open		Normal operation.	
	Short		See 11 Page.	
C71	Open		Normal operation.	
	Short		See 11 Page.	
C81	Open		Normal operation.	
	Short		Normal operation.	
D12	Open		Normal operation.	
	Short		Normal operation.	
D31	Open		Normal operation.	
	Short		F11 opened, No Hazard.	0[V]
D32	Open		F11 opened, No Hazard.	0[V]
	Short		F11 opened, No Hazard.	0[V]
D41	Open		No Hazard.	
	Short		No Hazard.	
D51	Open		See 11 Page.	
	Short		No Hazard.	Decreased.
D52	Open		See 11 Page.	
	Short		No Hazard.	Decreased.
F11	Open		No Hazard.	0[V]
	Short		Normal operation.	
IC11	Open	1	No Hazard.	0[V]
		2	No Hazard.	0[V]

## F M E A

Component	Mode		Comment	Output Voltage
IC11	Open	3	F11 opened, No Hazard.	0[V]
		4	No Hazard.	0[V]
		5	No Hazard.	0[V]
		6	No Hazard.	0[V]
		7	No Hazard.	0[V]
		8	No Hazard.	0[V]
	Short	1-2	No Hazard.	0[V]
		2-3	F11 opened, No Hazard.	0[V]
		3-4	No Hazard.	0[V]
		5-6	No Hazard.	0[V]
		6-7	F11 opened, No Hazard.	0[V]
		7-8	No Hazard.	Decreased.
IC51	Open	K	See 11 Page.	
		A	See 11 Page.	
		R	See 11 Page.	
		A-K	See 11 Page.	
		K-R	See 11 Page.	
	Short	R-A	See 11 Page.	
L11	Open		No Hazard.	0[V]
	Short		Normal operation.	
L51	Open		No Hazard.	0[V]
	Short		Normal operation.	
PC11	Open	A, K	See 11 Page.	
		C, E	See 11 Page.	

F M E A

Component	Mode		Comment	Output Voltage
PC11	Short	A-K	See 11 Page.	
		C-E	No Hazard.	0[V]
T11	Open	1	Normal operation.	
		2	Normal operation.	
		4	No Hazard.	0[V]
		5	No Hazard.	0[V]
		6	No Hazard.	0[V]
		7	No Hazard.	0[V]
	Short	1-2	No Hazard.	0[V]
		2-3	F11 opened, No Hazard.	0[V]
		4-5	F11 opened, No Hazard.	0[V]
		6-7	No Hazard.	0[V]
T12	Open	1	No Hazard.	0[V]
		2	No Hazard.	0[V]
		3	See 11 Page.	
		4	See 11 Page.	
	Short	1-2	See 11 Page.	
		3-4	See 11 Page.	
TR11	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	
		E-B	Normal operation.	
		B-C	F11 opened, No Hazard.	0[V]

## F M E A

Component	Mode		Comment	Output Voltage
TR12	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	0[V]
		E-B	No Hazard.	0[V]
		B-C	Normal operation.	
	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	0[V]
		E-B	No Hazard.	0[V]
		B-C	Normal operation.	
TR21	Open	C	Normal operation.	
		E	No Hazard.	0[V]
		B	No Hazard.	0[V]
	Short	C-E	See 11 Page.	
		E-B	Normal operation.	
		B-C	Normal operation.	
TR22	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	
		E-B	Normal operation.	
		B-C	No Hazard.	

## F M E A

Component	Mode		Comment	Output Voltage
TR22	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	
		E-B	Normal operation.	
		B-C	No Hazard.	
TR31	Open	D	No Hazard.	0[V]
		S	No Hazard.	0[V]
		G	No Hazard.	0[V]
	Short	D-S	See 11 Page.	
		S-G	Normal operation.	
		G-D	See 11 Page.	
TR32	Open	C	Normal operation.	
		E	No Hazard.	0[V]
		B	No Hazard.	0[V]
	Short	C-E	Normal operation.	
		E-B	Normal operation.	
		B-C	Normal operation.	
TR33	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]

F M E A

Component	Mode		Comment	Output Voltage
TR34	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]
ZD11	Open		Normal operation.	
	Short		Normal operation.	
ZD12	Open		Normal operation.	
	Short		No Hazard.	0[V]
ZD72	Open		See 11 Page.	
	Short		Normal operation.	
ZD73	Open	Only 12	No Hazard.	Increased.
	Short	Only 12	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.	
R17	Open		See 12 Page.	
R21	Open		No Hazard.	0[V]
R22	Open		No Hazard.	0[V]
R23	Open		Normal operation.	



F M E A

Component	Mode		Comment	Output Voltage
R24	Open		Normal operation.	
R25	Open		No Hazard.	0[V]
R26	Open		No Hazard.	0[V]
R27	Open		No Hazard.	0[V]
R28	Open		Normal operation.	
R29	Open		No Hazard.	0[V]
R31	Open		Normal operation.	
R32	Open		Normal operation.	
R33	Open		No Hazard.	0[V]
R34	Open		Normal operation.	
R35	Open		No Hazard.	Decreased.
R36	Open		No Hazard.	Decreased.
R37	Open		No Hazard.	Decreased.
R38	Open		Normal operation.	
R41	Open		Normal operation.	
R42	Open		Normal operation.	
R44	Open		No Hazard.	Decreased.
R45	Open		Normal operation.	
R46	Open		No Hazard.	Decreased.
R47	Open		No Hazard.	Decreased.
R48	Open		No Hazard.	Decreased.
R53	Open	Only 12	Normal operation.	
R55	Open	Only 12	Normal operation.	
R63	Open		Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage
R67	Open		Normal operation.	
R70	Open		Normal operation.	
R72	Open		No Hazard.	Increased.
R73	Open		Normal operation.	
R74	Open		Normal operation.	
R76	Open		No Hazard.	Increased.
R77	Open		Normal operation.	
R78	Open		No Hazard.	Decreased.
R79	Open		No Hazard.	Decreased.
R81	Open	Only 12	Normal operation.	
R83	Open		Normal operation.	
R86	Open	Only 12	Normal operation.	
R87	Open	Only 12	Normal operation.	

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage
C11	Short		F11 opened, No Hazard.	0[V]
C22	Open		F11 opened, No Hazard.	0[V]
C31	Short		F11 opened, No Hazard.	0[V]
C61	Short		No Hazard.	Decreased.
C71	Short		No Hazard.	Increased.
D51	Open		No Hazard.	Increased.
D52	Open		No Hazard.	Increased.
IC51	Open	K	No Hazard.	Increased.
		A	No Hazard.	Increased.
		R	No Hazard.	Increased.
		A-K	No Hazard.	Increased.
		K-R	No Hazard.	Increased.
	Short	R-A	No Hazard.	Increased.
PC11	Open	A, K	No Hazard.	Increased.
		C, E	No Hazard.	Increased.
	Short	A-K	No Hazard.	Increased.
T12	Open	3	No Hazard.	Increased.
		4	No Hazard.	Increased.
	Short	1-2	No Hazard.	Increased.
		3-4	No Hazard.	Increased.
TR21	Short	C-E	No Hazard.	Increased.
TR31	Short	D-S	F11 opened, No Hazard.	0[V]
		G-D	F11 opened, No Hazard.	0[V]
ZD72	Open		No Hazard.	Increased.



ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage
R17	Open	No Hazard.	Increased.