

ABNORMAL TEST RESULT

OF MODEL SUS/SUCS104812
SUS/SUCS104815

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 ~ 11/12)

(Abnormal Test Result: 12/12 ~ 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 12 Page.	
C21	Open	No Hazard.	Decreased.
	Short	No Hazard.	0[V]
C22	Open	See 12 Page.	
	Short	Normal operation.	
C23	Open	Normal operation.	
	Short	No Hazard.	Decreased.
C31	Open	Normal operation.	
	Short	No Hazard.	0[V]
C32	Open	Normal operation.	
	Short	No Hazard.	0[V]
C33	Open	No Hazard.	
	Short	No Hazard.	0[V]
C34	Open	Normal operation.	
	Short	Normal operation.	
C42	Open	Normal operation.	
	Short	Normal operation.	
C43	Open	No Hazard.	Decreased.
	Short	No Hazard.	Decreased.
C44	Open	Normal operation.	
	Short	No Hazard.	Decreased.
C51	Open	Normal operation.	
	Short	No Hazard.	0[V]

F M E A

Component	Mode		Comment	Output Voltage
C52	Open		Normal operation.	
	Short		No Hazard.	0[V]
C53	Open	only 12	Normal operation.	
	Short	only 12	No Hazard.	0[V]
C58	Open		Normal operation.	
	Short		No Hazard.	0[V]
C61	Open		Normal operation.	
	Short		See 12 Page.	
C71	Open		Normal operation.	
	Short		See 12 Page.	
C81	Open		Normal operation.	
	Short		Normal operation.	
D12	Open		Normal operation.	
	Short		Normal operation.	
D31	Open		Normal operation.	
	Short		Normal operation.	
D32	Open		No Hazard.	0[V]
	Short		No Hazard.	0[V]
D41	Open		No Hazard.	Decreased.
	Short		No Hazard.	Decreased.
D51	Open		See 12 Page.	
	Short		No Hazard.	Decreased.
D52	Open		See 12 Page.	
	Short		No Hazard.	Decreased.



F M E A

Component	Mode	Comment	Output Voltage	
F11	Open	No Hazard.	0[V]	
	Short	Normal operation.		
IC11	Open	1	No Hazard.	0[V]
		2	Normal operation.	
		3	See 12 Page.	
		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	No Hazard.	0[V]
		7-8	No Hazard.	0[V]
IC51	Open	K	See 12 Page.	
		A	See 12 Page.	
		R	See 12 Page.	
	Short	A-K	See 12 Page.	
		K-R	See 12 Page.	
		R-A	See 12 Page.	
L11	Open	No Hazard.	0[V]	
	Short	Normal operation.		



F M E A

Component	Mode		Comment	Output Voltage
L51	Open		No Hazard.	0[V]
	Short		Normal operation.	
PC11	Open	A, K	See 12 Page.	
		C, E	See 12 Page.	
	Short	A-K	See 12 Page.	
		C-E	No Hazard.	0[V]
T11	Open	1	Normal operation.	
		2	Normal operation.	
		3	Normal operation.	
		4	No Hazard.	0[V]
		5	No Hazard.	0[V]
		6	No Hazard.	0[V]
		7	No Hazard.	0[V]
		8	Normal operation.	
		9	Normal operation.	
		10	Normal operation.	
	Short	1-2	No Hazard.	0[V]
		2-3	F11 opened, No Hazard.	0[V]
		3-4	Normal operation.	
		4-5	F11 opened, No Hazard.	0[V]
		5-6	No Hazard.	0[V]
		6-7	No Hazard.	0[V]
		7-8	Normal operation.	
		8-9	Normal operation.	



F M E A

Component	Mode		Comment	Output Voltage
T11	Short	9-10	Normal operation.	
TR11	Open	C	No Hazard.	0[V]
		E	No Hazard.	0[V]
		B	No Hazard.	0[V]
	Short	C-E	See 12 Page.	
		E-B	F11 opened, No Hazard.	0[V]
		B-C	See 12 Page.	
TR12	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	0[V]
		E-B	Normal operation.	
		B-C	Normal operation.	
TR14	Open	C	No Hazard.	0[V]
		E	No Hazard.	0[V]
		B	No Hazard.	0[V]
	Short	C-E	See 12 Page.	
		E-B	No Hazard.	0[V]
		B-C	No Hazard.	0[V]
TR21	Open	C	No Hazard.	Decreased.
		E	No Hazard.	Decreased.
		B	No Hazard.	Decreased.
	Short	C-E	Normal operation.	
		E-B	No Hazard.	Decreased.



F M E A

Component	Mode		Comment	Output Voltage
TR21	Short	B-C	Normal operation.	
TR22	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	Decreased.
		E-B	No Hazard.	0[V]
		B-C	No Hazard.	0[V]
TR31	Open	D	No Hazard.	0[V]
		S	No Hazard.	0[V]
		G	No Hazard.	0[V]
	Short	D-S	See 12 Page.	
		S-G	No Hazard.	0[V]
		G-D	See 12 Page.	
TR32	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	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.	



F M E A

Component	Mode		Comment	Output Voltage
TR33	Short	B-C	No Hazard.	0[V]
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]
TR41	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	Decreased.
		E-B	Normal operation.	
		B-C	Normal operation.	
ZD11	Open		No Hazard.	0[V]
	Short		Normal operation.	
ZD12	Open		Normal operation.	
	Short		Normal operation.	
ZD13	Open		Normal operation.	
	Short		No Hazard.	0[V]
ZD14	Open		Normal operation.	
	Short		No Hazard.	Decreased.
ZD72	Open		See 12 Page.	
	Short		Normal operation.	
ZD73	Open		No Hazard.	Increased.



F M E A

Component	Mode	Comment	Output Voltage
ZD73	Short	Normal operation.	
R10	Open	No Hazard.	0[V]
R11	Open	Normal operation.	
R12	Open	Normal operation.	
R13	Open	No Hazard.	0[V]
R14	Open	No Hazard.	0[V]
R15	Open	Normal operation.	
R16	Open	Normal operation.	
R17	Open	Normal operation.	
R20	Open	No Hazard.	0[V]
R22	Open	No Hazard.	0[V]
R23	Open	Normal operation.	
R24	Open	Normal operation.	
R25	Open	No Hazard.	0[V]
R26	Open	No Hazard.	0[V]
R27	Open	No Hazard.	0[V]
R28	Open	No Hazard.	0[V]
R29	Open	Normal operation.	
R30	Open	Normal operation.	
R31	Open	No Hazard.	0[V]
R32	Open	Normal operation.	
R33	Open	No Hazard.	0[V]
R34	Open	Normal operation.	
R35	Open	No Hazard.	Decreased.

F M E A

Component	Mode	Comment	Output Voltage
R36	Open	Normal operation.	
R37	Open	Normal operation.	
R38	Open	Normal operation.	
R39	Open	Normal operation.	
R41	Open	Normal operation.	
R42	Open	Normal operation.	
R43	Open	Normal operation.	
R44	Open	Normal operation.	
R45	Open	No Hazard.	Decreased.
R46	Open	Normal operation.	
R47	Open	No Hazard.	Decreased.
R48	Open	No Hazard.	Decreased.
R49	Open	No Hazard.	Decreased.
R50	Open	No Hazard.	Decreased.
R53	Open	Normal operation.	
R55	Open	Normal operation.	
R63	Open	Normal operation.	
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.	

F M E A

Component	Mode	Comment	Output Voltage
R78	Open	No Hazard.	Decreased.
R79	Open	No Hazard.	Decreased.
R81	Open	Normal operation.	
R83	Open	Normal operation.	
R86	Open	Normal operation.	
R87	Open	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]
C61	Short		No Hazard.	Decreased.
C71	Short		No Hazard.	Increased.
D51	Open		No Hazard.	
D52	Open		No Hazard.	
IC11	Open	3	F11 opened, No Hazard.	0[V]
IC51	Open	K	No Hazard.	Increased.
		A	No Hazard.	Increased.
		R	No Hazard.	Increased.
	Short	A-K	No Hazard.	Increased.
		K-R	No Hazard.	Increased.
		R-A	No Hazard.	Increased.
PC11	Open	A, K	No Hazard.	Increased.
		C, E	No Hazard.	Increased.
	Short	A-K	No Hazard.	Increased.
TR11	Short	C-E	No Hazard.	Increased.
		B-C	No Hazard.	Increased.
TR14	Short	C-E	No Hazard.	Decreased.
TR31	Short	D-S	F11 opened, No Hazard.	0[V]
		G-D	F11 opened, No Hazard.	0[V]
ZD72	Open		No Hazard.	