

ABNORMAL TEST RESULT

OF MODEL SUS/SUCS100512
SUS/SUCS100515

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	F11 opened, No Hazard.	0[V]
	Short	No Hazard.	0[V]
C23	Open	Normal operation.	
	Short	No Hazard.	Decreased.
C24	Open	Normal operation.	
	Short	No Hazard.	0[V]
C31	Open	Normal operation.	
	Short	F11 opened, No Hazard.	0[V]
C32	Open	Normal operation.	
	Short	F11 opened, No Hazard.	0[V]
C34	Open	Normal operation.	
	Short	Normal operation.	
C41	Open	Normal operation.	
	Short	Normal operation.	
C42	Open	See 11 Page.	
	Short	See 11 Page.	
C43	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	Normal operation.	
	Short	No Hazard.	0[V]
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.	
D11	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.	Decreased.
	Short	No Hazard.	Decreased.
D51	Open	See 11 Page.	
	Short	No Hazard.	Decreased.



F M E A

Component	Mode		Comment	Output Voltage
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]
		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	Normal operation.	
		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.	
	Short	A-K	See 11 Page.	
		K-R	See 11 Page.	
		R-A	See 11 Page.	



F M E A

Component	Mode		Comment	Output Voltage
L11	Open		See 11 Page.	
	Short		Normal operation.	
L51	Open		No Hazard.	0[V]
	Short		Normal operation.	
PC11	Open	A, K	See 11 Page.	
		C, E	See 11 Page.	
	Short	A-K	See 11 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		Normal operation.		
6-7		No Hazard.	0[V]	



F M E A

Component	Mode		Comment	Output Voltage
T11	Short	7-8	Normal operation.	
		8-9	Normal operation.	
		9-10	Normal operation.	
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.	
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.	Decreased.
		E-B	Normal operation.	
		B-C	No Hazard.	Decreased.
TR21	Open	C	Normal operation.	
		E	No Hazard.	0[V]
		B	No Hazard.	0[V]



F M E A

Component	Mode		Comment	Output Voltage	
TR21	Short	C-E	No Hazard.	Increased.	
		E-B	Normal operation.		
		B-C	Normal operation.		
TR22	Open	C	Normal operation.		
		E	Normal operation.		
		B	Normal operation.		
	Short	C-E	Normal operation.		
		E-B	Normal operation.		
		B-C	Normal operation.		
	Open	C	Normal operation.		
		E	Normal operation.		
		B	Normal operation.		
	Short	C-E	No Hazard.	Decreased.	
		E-B	No Hazard.	Decreased.	
		B-C	No Hazard.	Decreased.	
	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]	

F M E A

Component	Mode		Comment	Output Voltage
TR32	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]
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]
ZD12	Open		Normal operation.	
	Short		F11 opened, No Hazard.	0[V]
ZD72	Open		See 12 Page.	
	Short		Normal operation.	
ZD73	Open	Only 12	Normal operation.	
	Short	Only 12	Normal operation.	
R11	Open		Normal operation.	
R12	Open		Normal operation.	
R14	Open		Normal operation.	

F M E A

Component	Mode	Comment	Output Voltage
R15	Open	Normal operation.	
R16	Open	Normal operation.	
R17	Open	No Hazard.	Decreased.
R21	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	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.	

F M E A

Component	Mode		Comment	Output Voltage
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.	
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		
R83	Open		Normal operation.	
R86	Open	Only 12	Normal operation.	
R87	Open		Normal operation.	



ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage
C11	Short		F11 opened, No Hazard.	0[V]
C22	Open	Only 15	No Hazard.	0[V]
C42	Open		No Hazard.	Decreased.
	Short		No Hazard.	Decreased.
C61	Short		No Hazard.	Decreased.
C71	Short		No Hazard.	Increased.
D51	Open		No Hazard.	
D52	Open		No Hazard.	
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.
L11	Open		No Hazard.	0[V]
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.
TR31	Short	D-S	F11 opened, No Hazard.	0[V]
		G-D	F11 opened, No Hazard.	0[V]



ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage
ZD72	Open	No Hazard.	Increased.