

ABNORMAL TEST RESULT

OF MODEL SUS/SUCS10123R3
SUS/SUCS101205

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 : 2/17 ~ 14/17)

(Abnormal Test Result: 15/17 ~ 17/17)

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	F11 opened, No Hazard.	Decreased.
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.	0[V]
C31	Open	Normal operation.	
	Short	F11 opened, No Hazard.	0[V]
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.	Decreased.
C52	Open	Normal operation.	
	Short	No Hazard.	Decreased.

F M E A

Component	Mode		Comment	Output Voltage
C53	Open		Normal operation.	
	Short		No Hazard.	Decreased.
C54	Open		No Hazard.	
	Short		No Hazard.	Decreased.
C55	Open		No Hazard.	
	Short		No Hazard.	
C56	Open		No Hazard.	
	Short		No Hazard.	Decreased.
C57	Open		No Hazard.	
	Short		No Hazard.	Decreased.
C58	Open		Normal operation.	
	Short		No Hazard.	0[V]
C60	Open		Normal operation.	
	Short		Normal operation.	
C71	Open		Normal operation.	
	Short		No Hazard.	Increased.
C72	Open	Only 05	Normal operation.	
	Short	Only 05	No Hazard.	Decreased.
C73	Open		Normal operation.	
	Short		No Hazard.	Decreased.
C81	Open		Normal operation.	
	Short		Normal operation.	
C82	Open		Normal operation.	
	Short		No Hazard.	0[V]

F M E A

Component	Mode	Comment	Output Voltage
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.
D52	Open	Normal operation.	
	Short	No Hazard.	Decreased.
D53	Open	No Hazard.	
	Short	No Hazard.	
D54	Open	No Hazard.	
	Short	No Hazard.	
D55	Open	Normal operation.	
	Short	Normal operation.	
D56	Open	Normal operation.	
	Short	Normal operation.	
D57	Open	Normal operation.	
	Short	Normal operation.	
D59	Open	No Hazard.	
	Short	No Hazard.	
F11	Open	No Hazard.	0[V]
	Short	Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage
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	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	No Hazard.	Increased.
		A	No Hazard.	Increased.
		R	No Hazard.	Increased.
	Short	A-K	No Hazard.	Decreased.
		K-R	No Hazard.	Decreased.
		R-A	No Hazard.	Increased.
L11	Open		No Hazard.	0[V]
	Short		Normal operation.	
L51	Open		No Hazard.	0[V]
	Short		Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage
PC11	Open	A, K	No Hazard.	Increased.
		C, E	No Hazard.	Increased.
	Short	A-K	No Hazard.	Increased.
		C-E	Normal operation.	
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	No Hazard.	
		10	No Hazard.	
	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	No Hazard.	0[V]
		9-10	No Hazard.	0[V]
T12	Open	1	No Hazard.	0[V]

F M E A

Component	Mode		Comment	Output Voltage
T12	Open	2	No Hazard.	0[V]
		3	No Hazard.	Increased.
		4	No Hazard.	Increased.
	Short	1-2	No Hazard.	Increased.
		3-4	No Hazard.	Increased.
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]
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.	

F M E A

Component	Mode		Comment	Output Voltage
TR21	Open	E	No Hazard.	0[V]
		B	No Hazard.	0[V]
	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	No Hazard.	
		E-B	Normal operation.	
		B-C	No Hazard.	
	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	F11 opened, No Hazard.	0[V]
		S-G	Normal operation.	
		G-D	F11 opened, No Hazard.	0[V]
TR32	Open	C	Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage
TR32	Open	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]
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]
TR51	Open	D	No Hazard.	
		S	No Hazard.	
		G	No Hazard.	
	Short	D-S	No Hazard.	0[V]
		S-G	No Hazard.	0[V]
		G-D	No Hazard.	Decreased.
TR52	Open	C	Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage
TR52	Open	E	No Hazard.	Decreased.
		B	No Hazard.	Decreased.
	Short	C-E	No Hazard.	
		E-B	Normal operation.	
		B-C	No Hazard.	
TR53	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	
		E-B	Normal operation.	
		B-C	Normal operation.	
	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	See 15 Page.	Increased.
		E-B	Normal operation.	
		B-C	Normal operation.	
TR54	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	
		E-B	Normal operation.	
		B-C	No Hazard.	
TR55	Open	C	No Hazard.	

F M E A

Component	Mode		Comment	Output Voltage
TR55	Open	E	No Hazard.	
		B	No Hazard.	
	Short	C-E	Normal operation.	
		E-B	No Hazard.	
		B-C	No Hazard.	
ZD11	Open		Normal operation.	
	Short		Normal operation.	
ZD12	Open		Normal operation.	
	Short		F11 opened, No Hazard.	0[V]
ZD51	Open		Normal operation.	
	Short		Normal operation.	
ZD52	Open		No Hazard.	
	Short		No Hazard.	
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		No Hazard.	Decreased.
R21	Open		No Hazard.	0[V]
R22	Open		No Hazard.	0[V]
R23	Open		Normal operation.	
R24	Open		Normal operation.	

F M E A

Component	Mode	Comment	Output Voltage
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.
R51	Open	No Hazard.	
R52	Open	No Hazard.	
R53	Open	No Hazard.	Decreased.
R54	Open	No Hazard.	Decreased.

F M E A

Component	Mode	Comment	Output Voltage
R55	Open	Normal operation.	
R56	Open	No Hazard.	
R57	Open	Normal operation.	
R58	Open	Normal operation.	
R59	Open	No Hazard.	
R60	Open	No Hazard.	
R61	Open	Normal operation.	
R62	Open	No Hazard.	
R63	Open	No Hazard.	
R64	Open	No Hazard.	
R65	Open	Normal operation.	
R66	Open	Normal operation.	
R67	Open	Normal operation.	
R68	Open	Normal operation.	
R69	Open	Normal operation.	
R70	Open	Normal operation.	
R71	Open	No Hazard.	Increased.
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.	
R79	Open	No Hazard.	



F M E A

Component	Mode		Comment	Output Voltage
R81	Open	Only 05	Normal operation.	
R83	Open		Normal operation.	
R85	Open		Normal operation.	
R86	Open	Only 05	Normal operation.	

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage
C11	Short		F11 opened, No Hazard.	0[V]
C22	Open		No Hazard.	Decreased.
C31	Short		No Hazard.	
C51	Short		No Hazard.	Decreased.
C52	Short		No Hazard.	Decreased.
C53	Short		No Hazard.	Decreased.
C54	Open		No Hazard.	
C55	Open		No Hazard.	
	Short		No Hazard.	
C56	Open		No Hazard.	
C57	Open		No Hazard.	
D53	Open		No Hazard.	
	Short		No Hazard.	
D54	Open		No Hazard.	
	Short		No Hazard.	
D59	Open		No Hazard.	
	Short		No Hazard.	
IC51	Open	R	No Hazard.	Increased.
T11	Open	9	No Hazard.	
		10	No Hazard.	
T12	Open	3	No Hazard.	Increased.
		4	No Hazard.	Increased.
	Short	1-2	No Hazard.	Increased.
		3-4	No Hazard.	Increased.

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage
TR31	Short	D-S	F11 opened, No Hazard.	0[V]
		G-D	F11 opened, No Hazard.	0[V]
TR51	Open	D	No Hazard.	
		S	No Hazard.	
		G	No Hazard.	
TR52	Short	C-E	No Hazard.	
		B-C	No Hazard.	
TR53	Short	C-E	No Hazard.	
TR54	Short	C-E	No Hazard.	
		B-C	No Hazard.	
TR55	Open	C	No Hazard.	
		E	No Hazard.	
		B	No Hazard.	
	Short	E-B	No Hazard.	
		B-C	No Hazard.	
ZD52	Open		No Hazard.	
	Short		No Hazard.	
R51	Open		No Hazard.	
R52	Open		No Hazard.	
R56	Open		No Hazard.	
R59	Open		No Hazard.	
R60	Open		No Hazard.	
R62	Open		No Hazard.	
R63	Open		No Hazard.	



ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage
R64	Open	No Hazard.	